AGGAL FOR EVERY CANE

Team Sports and Park & Rec Equipment



800-247-7668 www.bisoninc.com

A GOAL FOR EVERY GAME







NEW! Pink Items 17, 21, 34, 56, 102



Quick View Index

Badminton 53, 59, 61
Ball & Equipment Carts 24-25, 58
Bike Storage
Competition Basketball4-5, 10, 16-21
Competition Soccer62-72
Competition Volleyball 38-52, 54-59
Court & Field Diagrams104-105
Custom Graphics, Lettering & Logos 24, 26-33, 55-56, 71, 73, 87, 102
Divider Curtains & Nets15
Flag Poles
Football
Futsal
Gym Construction & Renovation
Hockey (Field)
Hockey (Ice)74
Lacrosse74
Landscape Site Furnishings95-99
Multi-Game Bases & Standards 14, 60
Outdoor Basketball
Outdoor Volleyball
Portable Basketball Systems10-13, 81
Portable Soccer Goals 63-65, 67, 70-72
Portable Volleyball Standards 49-51
Receptacles, Litter & Recycling97-98
Rugby
Scoreboards & Electronics37
Scorebooks
Scorers & Activity Tables
Seating
Team Handball75
Tennis61
Tetherball
Training Aids 22, 58, 72-73
Wall Mounted Basketball Systems4-9
Wall Padding (Indoor & Outdoor)31-35
Warranties & Return Policy106
Youth Basketball 6-9, 14, 22-23, 80-81



Bison Team Scorebooks

All Bison scorebooks provide clear, crisp scoring pages for a season of winning games or matches. These scorebooks have durable, full color front covers, scorekeeping instructional pages and all the features you'd expect in a premium competition scorebook. Available for basketball, volleyball or soccer, each with capacity for up to 30 games or matches.

Exclusive Bison bonus...Each scorebook contains factory rebate coupons good for sport-specific Bison products needed throughout the year • Bison team sports equipment is sold only through Quality Team Sports Dealers • All Bison scorebooks are sold individually. Approx. shipping weight: 1#/each; Sm. Pkg.

SBVB Bison Volleyball Team Scorebook

SBSC Bison Soccer **Team Scorebook**

SBBB Bison Basketball Team Scorebook

FACTORY REBATE COUPONS INSIDE EACH SCOREBOOK









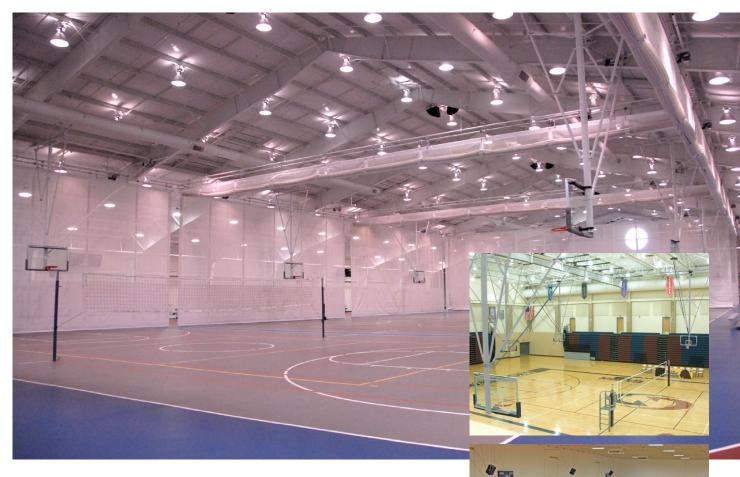








IPI BY BISON GYM CONSTRUCTION/RENOVATION EQUIPMENT





In December 2012, Bison acquired Institutional Products Incorporated of Indianapolis, Indiana, positioning Bison to take its strong reputation for quality, customer service, product creativity and value to the Gymnasium Construction and Renovation Market. In May 2013, IPI sales, engineering and production functions were relocated to Lincoln, Nebraska, the headquarters and manufacturing location of Bison.

While Bison has, for almost 30 years, built its brand based on its "Goal For Every Game" philosophy, until now we have only operated on the fringes of the Gym Construction Market instead concentrating on our broad replacement and loose gym and field sports equipment offerings.

Facility Owners, Architects and Contractors

Full product specifications for all IPI by Bison products are available online at www.IPIbyBison.com and can also be viewed at www.CADDetails.com.



Bison Dealers

While as an established Bison dealer, you have access to the full line of products available in this Bison catalog, you may also qualify to become an IPI by Bison dealer gaining full access to the custom products that define the Gym Construction and Renovation Market including custom ceiling and wall basketball structures, divider curtains, multi sports cages and a wide range of wall, column and stage padding.

If you believe you have the resources to be actively involved in specifying, ordering and installing IPI by Bison gym equipment and wish to investigate becoming a dealer, contact Dave Smith at IPI by Bison at 800-637-7968.







Stationary and Side Fold

Complete wall mount structure packages in-stock for immediate delivery.

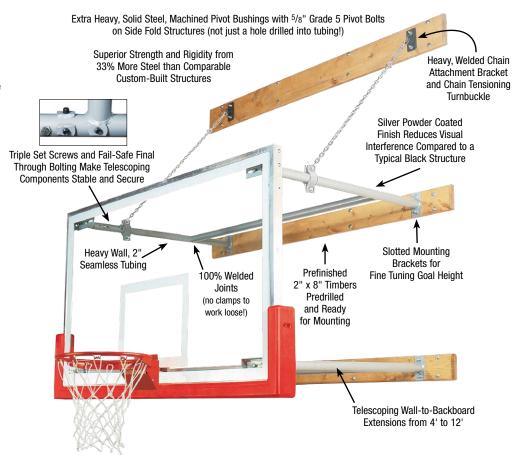
IN-STOCK

Stationary

Structures adjust backboard face anywhere from 48" to 144" from wall at time of installation... Easy-to-order and install telescoping structures • Available for immediate delivery • Extra heavy steel tubular design with silver powder coated finish • Packages include structure, wall boards, support chains, Unbreakable 42" x 72" glass backboard, breakaway goal, DuraSkin backboard padding (choose from 16 colors), instructions and all mounting hardware except that required to anchor wall boards to wall • If you need height adjustability see pages 6-7 for optional goal height adjusters • Lifetime limited warranty on wall mount structures.

Side Fold

Swing left or right for storage close to wall without tools or ladders...Structures position backboard face anywhere from 48" to 144" from wall at time of installation without field modification • Available for immediate delivery • Extra heavy, steel tubular design with silver powder coated finish . Heavy, solid steel, machined pivot bushings with 5/8" grade 5 pivot bolts (not just a hole drilled into tubing!) • Slotted mounting brackets for fine tuning goal height . Packages include structure, wall boards, support chains, Unbreakable 42" x 72" glass backboard, breakaway goal, DuraSkin backboard padding (choose from 16 colors), release hook, instructions and all mounting hardware except that required to anchor wall boards to wall . If you need height adjustability see pages 6-7 for optional goal height adjusters • Lifetime limited warranty on wall mount structures.



Telescoping Structures for Fail-Safe Measuring...

There is no need to compute exact extension requirements before ordering wall mounted structures from Bison. Our structures are specially designed to allow adjustment within a specified range at installation. You'll also avoid costly field modifications caused by measurement mistakes.

Package Wall-to-Backboard Model # Extension Range					
STATIONARY					
PKG46STRG	48" to 72"	BA42XL Official Unbreakable Short Glass Rectangular Competition Backboard, BA35S Elite Competition Breakaway Goal, BA68U DuraSkin Padding	470# Truck		
PKG68STRG	72" to 96"	BA42XL Official Unbreakable Short Glass Rectangular Competition Backboard, BA35S Elite Competition Breakaway Goal, BA68U DuraSkin Padding	500# Truck		
PKG82STRG	96" to 144"	BA42XL Official Unbreakable Short Glass Rectangular Competition Backboard, BA35S Elite Competition Breakaway Goal, BA68U DuraSkin Padding	580# Truck		
SIDE FOLD					
PKG46SFRG	48" to 72"	BA42XL Official Unbreakable Short Glass Rectangular Competition Backboard, BA35S Elite Competition Breakaway Goal, BA68U DuraSkin Padding	490# Truck		
PKG68SFRG	72" to 96"	BA42XL Official Unbreakable Short Glass Rectangular Competition Backboard, BA35S Elite Competition Breakaway Goal, BA68U DuraSkin Padding	535# Truck		
PKG82SFRG	96" to 144"	BA42XL Official Unbreakable Short Glass Rectangular Competition Backboard, BA35S Elite Competition Breakaway Goal, BA68U DuraSkin Padding	585# Truck		





BUILT TO ORDER WALL MOUNT STRUCTURE PACKAGES





In addition to Bison's in-stock stationary and side fold basketball system packages, Bison now offers Built-to-Order (BTO) structures allowing you to choose the exact extension, backboard and rim model to suit your facility's needs.

Bison BTO structures are available in Stationary. Side Fold and Swing Up configurations in extension lengths from 4' to 10' (1' to 10' on Stationary systems). Choose structures for fan backboard mounting or rectangular backboard mounting. BTO structures include powder coated steel structure, 2" x 8" southern yellow pine wall boards, support chains, chain tensioners and all brackets and hardware necessary for installation except the anchors to mount the wall boards to the wall. NOTE: Bison BTO structures are only available when ordered with a Bison backboard and rim. Due to the custom nature of BTO structures, they are not returnable. Prices are quoted based on specified requirements.

To order, specify extension (desired exact distance from wall to face of backboard), backboard model numbers and color (black is standard). On Swing Up structures, specify manual or 120 volt electric winch. Backboard padding, height adjusters, portable winch winders and other components are sold separately.

Stationary

Constructed of 11/2" schedule 40 structural pipe (1.9" diameter), units are furnished with 1/4" x 11/4" diagonal bracing and heavy welded mounting brackets. Specify STR10WBF for fan shaped backboards and STR10WBR for rectangular backboards.

Side Fold

Same 11/2" schedule 40 structural pipe design but includes pivot brackets and diagonal lock bar to allow structure to swing toward the wall either to the left or right when not in play. Specify STR15WSFF for fan backboard and STR15WSFR for rectangular backboards.

Fold Up

Swing up structures have 11/2" schedule 40 pipe welded assemblies for maximum stability and can be raised toward the ceiling and wall either with a manual winch mounted to the wall (BA925) or a 120 volt electric wind mounted either to the wall or positioned in the ceiling structure (BA975A3). Swing up structures include all cable, cable clamps, pulleys and brackets necessary to connect the structure to the selected winch. Specify STR12WFUF for fan backboard and STR12WFUR for rectangular backboards.



Protect your players, fans and equipment...Saf-Lok Structure Catch insures against failure of wall, ceiling mount or batting cage structure attachment • Helps keep structure from falling to floor or into seating • Recommended in NCAA Rules Book • Provided with 3½" pipe clamps for easy installation • Works on side fold, swing-up and stationary structures including wall mount and ceiling mount • Add confidence to older structures installed prior to today's aggressive slam dunk action • Tested to 6000 lb. free-fall capacity • High strength 2" wide polyester webbing designed to take advantage of both inertial and centrifugal force • 35' effective maximum strap length • Order optional **BA955RP** retracting pulley for use on any rear braced forward fold ceiling mounted backstop • Ten-year limited Warranty. Approx. shipping weight: 34#; Sm. Pk

> See page 103 to send your photo/video to Bison



BA925 Manual Crank Winch

Fully enclosed 1,000 lb. capacity safety worm gear winch...Cable drum is grooved for even cable wrap • Winch is furnished with crank for manual operation and wall mounting board . Comes compete

with a vacuum formed cover and Saf-Arm locking device • The Saf-Arm allows the unit to be locked while not in operation and insures it is operated by authorized personnel only • Padlock not included • One-year limited warranty. Approx. shipping weight: 50#, Sm. Pkg.

BA975A3 Key Operated 34 H.P. Power Winch

Electric hoists come with the gears sealed in a gear housing and operating in grease and features a 34 H.P. 115V single phase instant reversible motor...Unit can be wall



mounted or inverted . Rotary limit switch controls the unit for both the raised and lowered positions • Worm gear winch holds load in any position • Gears are precision machined bronze alloy worm gear, induction hardened and ground steel worm • Cable drum is grooved for even cable wrap • 115V power source and 3 wires to key switch required at hoist • Includes BA975KS key switch and cover plate • Five-year limited warranty. Approx. shipping weight: 105#, Sm. Pkg.



BA930 Portable 110 Volt Hand Winch Driver

Makes raising and lowering manual crank swing up structures and height adjusters faster and easier...7 AMP, 1/2 H.P. high torque winch • Reversible up and down operation • Two-speed motor • Includes

locking device to avoid unauthorized use • To use on BA980 manual height adjusters order BA935 drive shaft separately • To use on manual crank winch order BA932 drive shaft • One-year limited warranty.

Approx. shipping weight: 20#; Sm. Pkg.





Gymnasium 10' to 8' ZipCrank Goal Height Adjusters

Add a rim height adjustment feature to your indoor goals...These height adjustment systems can be added to Bison wall mount packages or purchased separately to retrofit onto nearly any existing backboard and structure • Installs easily between the backboard and wall or ceiling mount structure to move the face of the backboard 4½" toward the free throw line • If you wish to use on a ceiling mount center strut structure consult a Bison Product Specialist to insure compatibility • Easy-to-read height indicator labels • Silver powder coated finish reduces visual interference • Infinitely variable from 8' to official 10' height • Fits most structures but may require field drilling of structure or height adjuster in some cases • Choose the size of the gym height adjuster that is compatible with your facility's existing structure • Features a 7/8" diameter acme lead screw with thrust bearing to make raising and lowering with the hand crank easy and quick • Grease fittings at all joints insure smooth, trouble free operation • Hand crank provided with each unit • Five-year limited warranty.

See drawings below for mounting dimensions.

Model #	Application	Shipping Weight
BA980F	All structure/backboard combinations with approx. 20" x 35" mounting brackets, including fan-shaped and rectangular conversion backboards	Approx. weight: 115#; Truck
BA980RS	Short rectangular 42" x 72" backboards with 36" x 62" mounting brackets	Approx. weight: 175#; Truck
BA980RT	Tall rectangular 48" x 72" backboards with 42" x 62" mounting brackets	Approx. weight: 175#; Truck

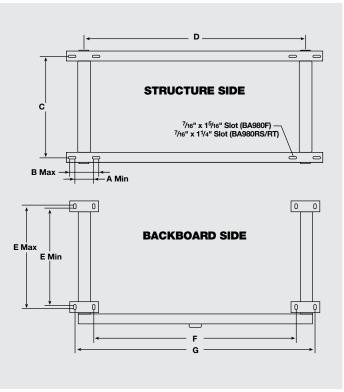


Easy-to-Read Height Indicator



Height Adjustment System Dimensions

					Dim E	Dim E		
Model #	Dim A	Dim B	Dim C	Dim D	Min	Max	Dim F	Dim G
BA980F	2.94"	5.56"	20"	35"	19.43"	20.56"	32"	38"
BA980RS	2.94"	4.56"	36"	62"	35.43"	36.56"	59"	65"
BA980RT	2.94"	4.56"	42"	62"	41.43"	42.56"	59"	65"





BA931 Cordless Winch Winder

This unit can be used to raise or lower any model BA980 adjustable backboard height attachment...Winder is equipped with a 14.4 volt, high torque motor ● Unit has a low setting of 0-500 RPM and utilizes an adjustable clutch which develops up to

460 in./lbs. of torque • Reversing switch is above the trigger switch and includes a "lock" position • Includes BA935 height adjuster extension rod. Approx. shipping weight: 20#; Sm. Pkg.



BA935 **Height Adjuster Extension Rod**

Raise or lower goal height adjusters without hand cranking...Use with a BA930 or BA931 portable winch (purchased separately) • Only for height adjusters with an eye hook on the bottom of the adjuster screw • Designed to work with 3¼" square drive socket. Approx. shipping weight: 10#; Sm. Pkg.

BA935



See page 16 for Center Strut Backboard and Height Adjuster Adapters.





Electric Height Adjusters for Center Mast "Y" Frame Ceiling Mounted

Basketball Structures

Rim height adjustment with just the turn of a key...turn your entire gym from an official 10' rim height court to rim heights as low as 8' in a matter of minutes without effort • These retrofit models available to mount any backboard with typical 35" (W) x 20' (H) fan backboard mounting pattern or typical 62" (W) x 36" (H) rectangular backboard mounting pattern • Bison electric height adjusters can be operated with a portable electric wand (order BA980EW separately) or can be hard wired to a wall mounted key switch (included in packages ending with "K") • Rim height adjustment is accomplished by means of a 120 volt, UL approved linear actuator for smooth, fast and dependable raising and lowering • Adjustable limited switches stop the rim at precisely 10' official height and 8' lowest height for foolproof operation • Rim can be also stopped at any height between 10' and 8' for players of all ages • Rim heights are clearly marked for visibility from the floor • Black powder coated finish. • Consult a Bison Product Specialist to insure compatibility with your existing structure and backboard. Advise whether your center strut tube is 6" diameter (18.9" circumference) or 65/8" (20.8" circumference). See ordering chart below for details. • Two-year limited warranty.

Electric	Electric Height Adjuster Ordering Chart							
Model #	Backboard Mounting Pattern	Operation Method	Center Strut Tube Size	Shipping Weight				
BA980FEYW	35" (W) x 20" (H)	Portable Wand. Order separately	Specify 6" or 65/8"	Approx. weight: 130#; Truck				
BA980FEYK	35" (W) x 20" (H)	Key Switch included	Specify 6" or 65/8"	Approx. weight: 130#; Truck				
BA980RSEYW	62" (W) x 36" (H)	Portable Wand. Order separately	Specify 6" or 65/8"	Approx. weight: 160#; Truck				
BA980RSEYK	62" (W) x 36" (H)	Key Switch included	Specify 6" or 65/8"	Approx. weight: 160#; Truck				



BA980FEYW Wand Operated Electric Height Adjuster for Fan Backboards

Order if your existing backboard or the replacement backboard you are ordering has an approximate 35" (w) x 20" (H) mounting pattern • Order one or more **BA980EW** Portable Wands separately • Two-year limited warranty. Approx. shipping weight 130#, Truck.

BA980FEYK Key Operated Electric Height Adjuster for Fan Boards

Same as BA980FEYW above except comes with Kev Switch and cover plate to allow field installation by a qualified electrician to operate from a convenient wall switch location. • Two-year limited warranty. Approx. shipping weight 130#, Truck.

BA980EW **Portable Electric Height Adjuster Wand**

Operate Bison height adjusters from below the rim...Easy twist lock connectors and 8' long, 110 volt power cord allows quick movement from one goal to the next with a single wand or order multiple wands if desired . Keyed switch avoids unwanted use.

Two-year limited warranty.

Approx. shipping weight 20#, Sm. Pkg.

BA980RSEYW Wand Operated Electric Height Adjusters for Rectangular Backboards

Order if your existing or the replacement backboard you are ordering has an approximate 62" (W) x 36" (H) corner mounting pattern • Order one or more BA980EW Portable Wand separately. • Two-year limited warranty. Approx. shipping weight 160#, Truck.

BA980RSEYK Key Operated Electric Height Adjusters for Rectangular Backboards

Same as **BA980RSEYW** above except comes with Key Switch and cover plate to allow field installation by a qualified electrician to operate from a convenient wall switch location. • Two-year limited warranty. Approx. shipping weight 160#, Truck.

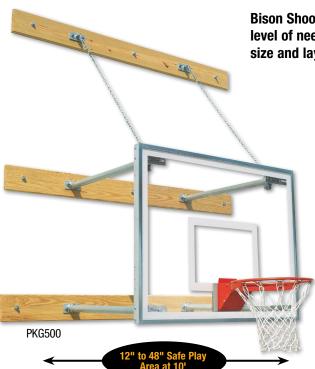




BA980EW



™ IN-STOCK SHOOTING STATION™ PACKAGES



Bison Shooting Stations provide a wall mount system to match any budget and level of need. Prior to purchase, verify that your wall is suitable in construction, size and layout to support the package weight and stress from use.

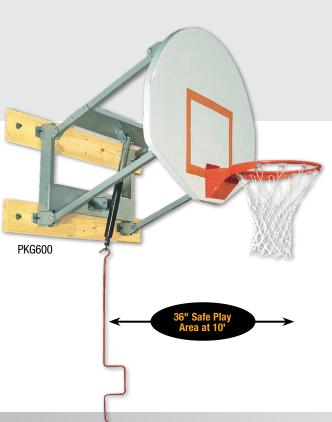
Field Modifiable Wall Mounted Structure Packages

These complete kits provide all the necessary components (except wall mounting fasteners) to install a rigid, durable basketball system to the wall of your existing facility...Choose from 1'-4' or 4'-8' extensions and different backboard options shown in chart below. Cut and drill extension tubes at desired extension length • See page 17 for optional backboard padding and pages 6-7 for optional goal height adjusters • 5-year warranty on structures • See details for warranties on backboards and goals.

Package Model #	Wall to Backboard Extension Range	Backboard	Goal	Shipping Weight
PKG14STFS	12" to 48"	BA495 Fan Steel	BA34 Breakaway	Approx. weight: 225#; Truck
PKG48STFS	48" to 96"	BA495 Fan Steel	BA34 Breakaway	Approx. weight: 295#; Truck
PKG14STRG	12" to 48"	BA42XL 42" x 72" Glass	BA35S Breakaway	Approx. weight: 390#; Truck
PKG48STRG	48" to 96"	BA42XL 42" x 72" Glass	BA35S Breakaway	Approx. weight: 475#; Truck
PKG500	12" to 48"	BA407 42" x 54" Glass	BA35S Breakaway	Approx. weight: 310#: Truck

PKG650 Adjustable Height Glass Shooting Station™

Tempered glass backboard...Same heavy-duty wall structure and wall mounting boards as PKG600 below except includes 54" x 42" unbreakable side court tempered glass backboard (BA407C) for competition look and ball rebound ● 36" extension at 10' rim height ● Adjustable from 8' to 10' ● Official size breakaway goal (BA32) with one-year limited warranty ● Ten-year limited warranty on structure ● **Unconditional lifetime warranty on backboard.** Approx. shipping weight 320#; Truck



PKG600 Adjustable Height Steel Shooting Station™

Convenient, cost effective system for players of all ages...All the components necessary to mount a durable, playable, institutional quality fan-shaped steel backboard and official size institutional breakaway goal to a structure that will allow goal height adjustment from 10' to 8' • Removable hand crank allows easy adjustment without ladder • Safe play area is 36" at official 10' goal height (40" at 9' and 38" at 8') • Use of 2" x 8" wall boards for load spreading wall attachment is superior to similar systems where the steel is mounted directly to the wall • All steel structure is heavy gauge tube with a 1/8" minimum wall thickness and silver powder coated finish • All pivot points are ½" diameter • Customer provides wall mounting hardware • Ten-year limited warranty on backboard and structure • One-year limited warranty on goal.

CAUTION!

Wall structure purchaser assumes mounting liability.



PKG650

IN-STOCK SHOOTING STATION™ PACKAGES



When traditional competition wall structures are more than your facility requires, choose from fixed height or adjustable packages with steel, glass, molded graphite or acrylic backboard options.

PKG300 ZipCrank™ Adjustable Shooting Station™

Hand crank moves this 54" x 36" glass backboard with ease... Easy-to-operate removable hand crank adjusts goal height from official 10' to as low as 7½' for play by kids of all ages • Official size breakaway goal and direct goal mount design make backboard virtually unbreakable during normal play • Steel structure mounts to wall by means of three load spreading struts • Customer provides wall mounting anchors • Mounts indoors/outdoors • 30" safe play area at 10' • Five-year limited warranty on board and structure. Approx. shipping weight: 180#: Truck.





PKG275 QwikChange™ **Acrylic Shooting Station**

For the look of a professional court at a budget price...Official size flex goal raises and lowers with ease on this system that features a 32" x 48" clear rectangular backboard • Direct mount goal design • No ladders or tools • 7½' to 10' goal height adjusts from the playing surface • Entire system mounts easily to the wall with two load spreading struts • Customer supplies suitable wall mounting hardware • Mounts indoors/outdoors • 22" safe play area at 10' • One-year limited warranty on system. Approx. shipping weight: 105#; Sm. Pkg. Ships Oversize

PKG250 QwikChange™ Graphite Shooting Station™

Our lowest cost adjustable wall mount system... Move the goal height from 7½' to 10' in 6" increments with a broom handle from the floor • 36" x 48" molded graphite fan-shaped backboard and official size flex goal are direct mounted to the steel structure for superior backboard durability • QwikChange structure is attached to wall with two struts to spread load on wall • Customer provides wall mounting anchors • Mount indoors/outdoors • 22" safe play area at 10' • One-year limited warranty on system. Approx. shipping weight: 90#; Sm. Pkg. Ships Oversize

CAUTION!

Wall structure purchaser assumes mounting liability.





T-REX™ PORTABLE BASKETBALL SYSTEMS

Select the Bison T-Rex™ portable that best fits your program's needs.

T-Rex Portable Basketball Systems

T-Rex design incorporates low maintenance, extension spring technology and heavy-duty structural components to make one-person set up and storage easy and fast. This is the same spring technology used almost exclusively in collegiate Division I and professional arenas. All pivot points have zero maintenance, self-lubricating bearings and large diameter pivot pins for smooth up-and-down operation and superior system rigidity. The entire base is padded on front and sides with 2" thick urethane foam covered in your choice of 16 colors. Safety is insured with factory installed hidden ballast inside the base to prevent tipping. Floor hold downs as required by NCAA and National High School Federation rules are standard on T-Rex 96 and optional on other T-Rex systems. Each T-Rex model rolls on high capacity, floor-friendly 8" diameter, 2" wide running gears for easy transport. When unit is in place, just drop locator pins into floor bushings for exact placement and lower the front stabilizer pads with an easy-to-reach ratcheting foot adjustment system.



BA898G T-Rex[™] 96 Competition

Competition portable...T-Rex 96 features official 42" x 72" unbreakable competition glass backboard, latest technology 180° breakaway goal and a full 96" of safe play area from backboard to base as specified by the NCAA and National High School Federation • New deadlock tensioning device adds even greater system rigidity

 Additional standard features include padding for underside of beam, rear hold down kit, supplemental beam support and double rear caster running gear • Choose from colors of backboard and base padding shown on page 102.

BA898HD Rear Hold-Down Kit

For all T-Rex portables...Meets NCAA and High School Federation rules requiring rear floor attachment for competition portable goals • Kit includes threaded floor anchor, eyebolt and turnbuckle to attach to built-in eye on rear of T-Rex 54 JR, T-Rex 54 SR, T-Rex 66 and T-Rex 96 • Included standard with T-Rex 96 • Adds a measure of stability and safety • One required per goal.



Add stability to BA895G T-Rex Portables with the inclusion of this optional feature • One required per goal • Standard feature on BA898G portable. Approx. shipping weight: 5#/each; Sm. Pkg.



Forklift or dock required for delivery. Contact Bison for other off-loading options.





T-REX™ PORTABLE BASKETBALL SYSTEMS





BA895G T-Rex™ 66 Side Court

For the side court...T-Rex 66 is made for programs where space constraints do not allow a full 96" official extension but program still wants an official size backboard and all the quality features of more expensive spring technology portables • T-Rex 66 includes a 42" x 72" unbreakable competition glass backboard, durable competition break-away goal and 66" safe play area • Choose from colors for backboard and base padding shown on page 102.

ABC50 Oversized One- or Two-Color Logo

Available on bases of all T-Rex portable basketball systems and Arena volleyball system...Send your logo to the Bison Art Department prior to placing order to confirm reproduction suitability • Artwork subject to pre-approval and hourly BNART artwork charges may apply • Select from colors shown on page 102.

BA895G-SC Shown with Optional ABC52 Lettering and ABC50 Logo

54" Safe Play Area at 10'

BA894GSR Shown with Optional ABC52 Lettering

BA894GSR T-Rex™ 54 SR Club

When space or resources are at a premium but official 72" size glass backboards are a must...

T-Rex 54 SR is the perfect balance

- What this system lacks in size, it makes up for in playability . Full 54" of safe play area allows the base to be 6" outside the end line of an official court . Get all the basic features of our larger T-Rex portables on a compact base that fits in avms where others won't
- T-Rex 54 SR is completely padded on base and has the same breakaway goal and DuraSkin backboard padding as T-Rex 66
- · See page 102 for color options.



BA894GJR Shown with Optional ABC52 Lettering

BA894GJR T-Rex™ 54 JR Recreational

Small but mighty...T-Rex 54 JR is identical to T-Rex 54 SR but has a downsized 42" x 54" glass backboard for easier transport and storage • Includes 54" DuraSkin backboard padding available in your choice of gray or black . See page 102 for color options • With a 54" wide backboard. T-Rex 54 JR fits through doors or hallways as narrow as 58" wide for the most compact storage and transport of our T-Rex lineup.



One-Person Set Up and Easy Height Adjustment

required for delivery. Contact Bison for other off-loading options.	other off-loading	
---	-------------------	--

	Competition BA898G T-Rex 96	Side Court BA895G T-Rex 66	Club BA894GSR T-Rex 54 SR	Recreational BA894GJR T-Rex 54 JR
Backboard Size	42" x 72"	42" x 72"	42" x 72"	42" x 54"
Backboard Type	Glass	Glass	Glass	Glass
Goal Type	BA3180S	BA35S	BA35S	BA35S
Total System Weight with Ballast	2350#	1900#	1700#	1550#
Ballast Weight	1000#	800#	950#	800#
Padded Base Size	40" (w) x 74" (l)	40" (w) x 74" (l)	40" (w) x 65" (l)	40" (w) x 65" (l)
Total Stored Dimensions	76" (w) x 160" (l) x 78" (h)	76" (w) x 130" (l) x 78" (h)	76" (w) x 124" (l) x 78" (h)	56" (w) x 124" (l) x 78" (h)
Setback at	10' - 96" 9' - 53" 8' - 42"	10' - 66" 9' - 23" 8' - 12"	10' - 54" 9' - 14" 8' - 0"	10' - 54" 9' - 14" 8' - 0"
Lowest Playing Height	7'	7'	8'	8'
Rear Hold-Down Kit	Included	Optional	Optional	Optional
Floor Load/Wheel Transport Weight	450# Front 725# Rear	350# Front 600# Rear	N/A	N/A
Floor Load/Wheel Playing Weight	700# Front 475# Rear	575# Front 375# Rear	N/A	N/A
Min. Required Floor Space Outside End Line	130"	100"	72"	72"
Shipping Weight	2625# Truck	2150# Truck	1925# Truck	1725# Truck
Warranties				
Portable Structures	Ten-Year Limited	Ten-Year Limited	Ten-Year Limited	Ten-Year Limited
Backboards	Lifetime Limited	Lifetime Limited	Lifetime Limited	Lifetime Limited
Backboard Padding	Ten-Year Replacement	Ten-Year Replacement	Ten-Year Replacement	Five-Year Limited
Goal	Three-Year Limited	Unconditional Three-Year	Unconditional Three-Year	Unconditional Three-Year



PORTABLE/ADJUSTABLE BASKETBALL SYSTEMS

Max Portable Basketball Systems

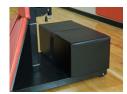
Maximum versatility, maximum safety, maximum playability and maximum value...makes one of our Max portable systems just right for your facility • Choose Super Max with 60" tempered glass backboard and 50" safe play area, Glass Max with 54" tempered glass backboard and 30" safe play area or Acrylic Max™ with 48" acrylic backboard and 30" safe play area.

No matter which Max you choose, you'll get features not found on similar systems offered by other manufacturers including:

- Infinite Goal Height Adjustment from 5' to Official 10'
- Durable Breakaway Goals
- Full Front Base and Pole Padding in Your Choice of Black, Royal, Scarlet or Forest Green. Additional colors offered on orders of two or more, see page 102.
- Over 850# of Hidden, Customer Supplied Ballast to Eliminate Tip Over Risk (see BA853BLST below)
- · Ballast is Totally Enclosed and Safety Padded
- Single-Lever Lift Handle to Allow Easy Transport and Set Up
- Goal Mounts Through Backboard Directly to Structure to Eliminate Backboard Stress
- Non Marking Transport Wheels
- When Lowered, Fits through 78" High Double Doors for Storage
- Standard Backboard Edge Padding on Super Max and Glass Max (optional on Acrylic Max)



Infinite Height Adjustment



Padded Weight Box Cover



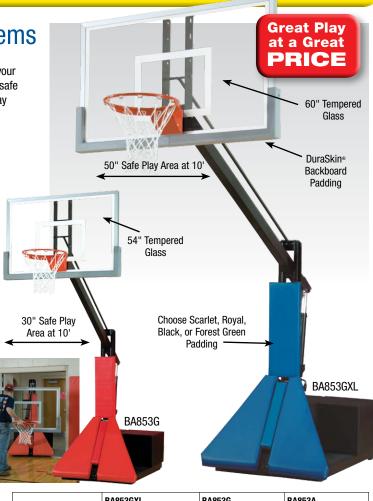


BA853BLST Max™ Ballast Kit

Twenty-five 4" x 8" x 16" solid concrete cap blocks to properly eliminate tip over on all Max portable goals. Approx. shipping weight: 850#; Truck

WARNING!

All Max systems require installation of 25
4" x 8" x 16" solid concrete cap blocks prior to use. The ballast tray
and padded safety cover are designed specifically for use of the
specified ballast. Failure to install the specified weight could result in
serious player injury and invalidate all warranties. While the specified
blocks are available at most lumber or home centers for a nominal
cost, Bison can ship ballast package BA853BLST for an additional cost.



	BA853GXL	BA853G	BA853A
Backboard Size	Super Max 36" x 60"	Glass Max 36" x 54"	Acrylic Max 32" x 48"
	Glass	Glass	
Backboard Type	1		Acrylic
Goal Type	BA32	BA32	BA29JR
Backboard Padding	Standard	Standard	Optional
Total System Weight (with ballast)	1550#	1450#	1400#
Customer Supplied Ballast Weight	850#	850#	850#
Padded Base Size	42" (w) x 50" (l)	42" (w) x 50" (l)	42" (w) x 50" (l)
Total Stored Dimensions	64" (w) x 139" (l) x 78" (h)	58" (w) x 128" (l) x 78" (h)	48" (w) x 128" (l) x 78" (h)
Setback at	10' - 50"	10' - 30"	10' - 30"
	9' - 60"	9' - 40"	9' - 40"
	8' - 68"	8' - 48"	8' - 48"
Lowest Playing Height	5'	5'	5'
Min. Required Floor Space Outside End Line	54"	N/A	N/A
Approx. Shipping Weight	800#	700#	640#
Warranties	•		
Base	Five-Year Limited	Five-Year Limited	Five-Year Limited
Padding	Two-Year Limited	Two-Year Limited	Two-Year Limited
Goal	One-Year Limited	One-Year Limited	One-Year Limited
Backboard	Ten-Year Limited	Ten-Year Limited	Two-Year Limited

Portable Rear Hold-Down Kits

Additional stability...Add stability to any Bison Max portable system with these floor anchors and brackets.



BA800 For Concrete, Tile or Synthetic Floors

Kit includes two each of VB25 floor anchors and brackets...Requires core drilling into existing floors. Approx. shipping weight: 15#; Sm. Pkg.

BA800FL For Floating Wood Floors

Kit includes two each of VB25FL floor anchors and brackets for floating floors...Requires core drilling and routing into existing floors. Approx. Shipping weight: 17#; Sm. Pkg.



PORTABLE/ADJUSTABLE BASKETBALL SYSTEMS



Club Court Portable Basketball Systems

Choose Super Glass Club Court with 54" tempered glass backboard and 48" safe play area, Glass Club Court with 54" tempered glass backboard and 30" safe play area. Acrylic Club Court with 48" clear acrylic backboard and 36" safe play area or Graphite Club Court with 48" molded graphite fan backboard and 36" safe play area.

All four Club Court portables come standard with the following features:

- Spring Assisted Infinite Goal Height Adjustment from 61/21 to Official 101
- 1½" Thick, Black Padded Front Base and Riser
- Easy Flip Down Front Panel for Transport

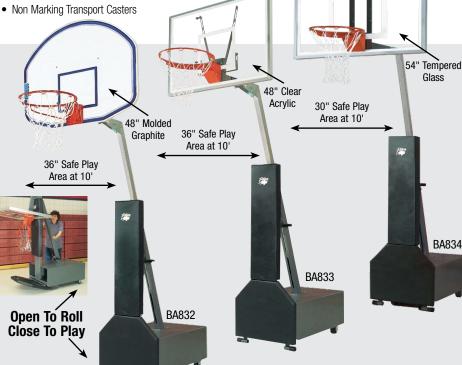
• Fully Enclosed Oversized Ballast Enclosure to Hold Customer Supplied Ballast (see chart and BA833BLST below)



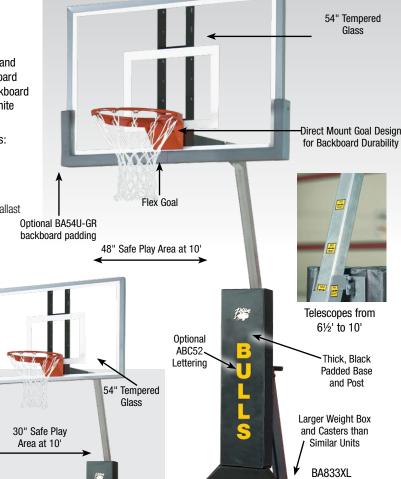
Easily Folds Without Tools for Movement Through 78" High Double Doors







	BA833XL Super Glass	BA834 Glass	BA833 Acrylic	BA832 Graphite
Backboard Size	36" x 54" Rectangle	36" x 54" Rectangle	32" x 48" Rectangle	36" x 48" Fan
Backboard Type	Glass	Glass	Acrylic	Molded Graphite
Goal Type	BA32	BA32	BA29JR	BA26
Total System Weight (with ballast)	1400#	1000#	855#	840#
Customer Supplied Ballast Weight	850#	425#	425#	425#
Padded Base Size	34" (w) x 46" (l)	29" (w) x 41" (l)	29" (w) x 41" (l)	29" (w) x 41" (l)
Total Stored Dimensions	54" (w) x 84" (l) x 78" (h)	48" (w) x 78" (l) x 78" (h)	48" (w) x 78" (l) x 78" (h)	48" (w) x 78" (l) x 78" (h)
Setback at	10' - 48"	10' - 30"	10' - 36"	10' - 36"
	9' - 44"	9' - 26"	9' - 32"	9' - 32"
	8' - 40"	8' - 22"	8' - 28"	8' - 28"
Lowest Playing Height	6½'	6½'	6½'	6½'
Warranty	·	·	·	
Entire System	One-Year Limited	One-Year Limited	One-Year Limited	One-Year Limited





Front Rubber Feet Add Stability

BA833BLST Club Court Ballast Kit

Approximately 425# of solid concrete cap blocks to properly eliminate tip over on all Club Court portable goals. Order one BA833BLST for each BA832, BA833 and BA834 • Order two for each BA833XL.

Approx. shipping weight: 450#; Truck

WARNING!

Club Court portables are designed for customer installation of solid concrete cap blocks prior to use. Failure to install the specified ballast could result in serious player injury and invalidation of all warranties. While specified blocks are available at most lumber or home centers for a nominal cost, Bison can ship ballast package BA833BLST for an additional cost



PORTABLE/ADJUSTABLE BASKETBALL SYSTEMS

Playtime Elementary Portables

Playtime complete basketball standards roll in and out of the gym or multipurpose room with ease...Formed steel base provides sturdy foundation for tubular structure

• Telescoping structure easily adjusts goal height from 8' to 6½' in 6" increments • White powder coated finish • Choose 36" x 48" fan-shaped backboard of molded graphite or 32" x 48" rectangular backboard of clear acrylic • Official size, 5/8" solid steel goal • Playtime systems are for physical education, elementary school or shooting practice only and are not intended for aggressive competitive play • Safe Stuff structure padding included • Lower base trim protects

your floor from damage • Some assembly required • Factory installed 100# ballast hidden in base. Approx. shipping weight: 330#; Truck

Playtime	BA803	BA803A
Backboard Size	36" x 48"	32" x 48"
Backboard Type	Molded Graphite	Clear Acrylic
Goal Type	BA26	BA26
Total System Weight (with ballast)	330#	350#
Ballast Weight	Built-in	Built-in
Total Stored Dimensions	48" x 48" x 84"	48" x 48" x 84"

One-Year Limited







PORTABLE GAME BASES AND ACCESSORIES

One-Year Limited

PB130, PB180, PB220 **Portable Game Bases**

Lowest Playing Height

Warranty

Entire System



Indoors or outdoors, these portable weighted bases support a wide range of PE games...Use for volleyball, badminton, pickle ball, tennis, tetherball, paddle tennis, hoop games, jump rope or other creative games • 24" diameter royal blue powder coated bases are factory weighted in your choice of 130# (PB130), 180# (PB180) or 220# (PB220) • Durable nonmarking wheels and molded urethane bottom ring protect floors during transport and use • Includes 134" diameter x 10' galvanized steel upright . Order nets, base padding and other accessories separately Includes one pair of PB150C1 game attachment collars • One year limited warranty. Approx. shipping weight: 150# - 250# Truck





SVB08 **Volleyball Net** Official 32' x 36" size with fluorescent top tape for maximum visibility.

Approx. shipping weight: 3#; Sm. Pkg



Badminton Net Official 21' x 30" size. Approx. shipping weight: 4#; Sm. Pkg.

BM10N

BM10N



Tetherball See page 60



PB100BP Base Padding

Improve safety with this specially designed pad that covers 360° around the PB130, PB180 and PB220 portable game bases...1" thick foam with sewn cover in black vinyl • Velcro attachment. Approx. shipping weight: #10; Sm. Pkg



Use to attach nets, tetherball rope or any game accessory to the 134" diameter pole on PB130, PB180 or PB220 portable game bases • Order PB150C1 for single loop, PB150C2 for double loop and PB150C4 for 4 loop collars • Sold in pairs. Approx. shipping weight 5#/pr.

PB150BB **Basketball** Accessory

Easy slip-on ring creates a goal for elementary shooting games...15" diameter ring with net hooks . Adjusts to any height for thumbscrew tightening . Ring and net only, order base with pole separately.

Approx. shipping weight: 10#; Sm. Pkg.











DN1250 Portable Divider Net System

Separate courts for safe play without expensive ceiling mounted divider curtains...12' high, 50' long black mesh net has durable reinforced vinyl edges and stores in a zippered storage bag when not in use • Net is supported by two factory weighted bases with telescoping poles for easy set up and storage • So versatile it can be used in any indoor or outdoor location • Portable bases and posts can also be used for P.E. net games at any height, including volleyball, badminton and tennis with purchase of SVB08 recreational volleyball net • Extend the divider net in 50' increments with purchase of additional DN12 bases and DN50 nets. Approx. shipping weight: 750#; Truck

DN12 Divider Net System Adder Base

Extend divider net...Add bases and nets • Same weighted base and 12' telescoping net support pole as DN1250 system above. Approx. shipping weight: 310#; Truck



DN50 12' x 50' Divider Net

Add additional nets...Extend divider system • Includes zippered storage bag and pole attachment hardware. Approx. shipping weight: 25#/each; Sm. Pkg.

BA801BP Portable Base Padding

Improve player safety... Specially designed pad that covers 360° around the divider net base • 1" thick foam with black vinyl sewn cover • Velcro attachment. Approx. shipping weight: 10#; Sm. Pkg.





Factory Rebate Coupons Inside Each Scorebook

See inside front cover for details.





	Backboard			Goal Padding]		
Package Description	Model/Size	Warranty	Model	Warranty	Model	Warranty	Color	Shipping
0FX423180-XX Official Premium 180° Short Board Upgrade Package	BA42XL 42" x 72"	Unconditional Lifetime	BA3180S	Three-Year Limited	BA68U	Ten-Year Replacement	16 Colors Please Specify	295# Truck
OFX4235E-XX Official Premium Short Board Upgrade Package	BA42XL42" x 72"	Unconditional Lifetime	BA35S	Three-Year Limited	BA68U	Ten-Year Replacement	16 Colors Please Specify	237# Truck
0FS4234-XX Official Standard Short Board Upgrade Package	BA42E42" x 72"	Lifetime Limited	BA34	One-Year Limited	BA68U	Ten-Year Replacement	16 Colors Please Specify	210# Truck
OFC4235E-XX Official Premium Conversion Board Upgrade Package	BA42XLC42" x 72" Conversion	Unconditional Lifetime	BA35S	Three-Year Limited	BA68U	Ten-Year Replacement	16 Colors Please Specify	254# Truck
OFC4234-XX Official Standard Conversion Board Upgrade Package	BA42XLC42" x 72" Conversion	Unconditional Lifetime	BA34	One-Year Limited	BA68U	Ten-Year Replacement	16 Colors Please Specify	250# Truck
OFX483180-XX Official Premium 180° Tall Board Upgrade Package	BA48XL 48" x 72"	Unconditional Lifetime	BA3180T	Three-Year Limited	BA68U	Ten-Year Replacement	16 Colors Please Specify	285# Truck
OFX4835E-XX Official Premium Tall Board Upgrade Package	BA48XL48" x 72"	Unconditional Lifetime	BA35	Three-Year Limited	BA68U	Ten-Year Replacement	16 Colors Please Specify	275# Truck
0FS4834-XX Official Standard Tall Board Upgrade Package	BA4848" x 72"	Lifetime Limited	BA34	One-Year Limited	BA68U	Ten-Year Replacement	16 Colors Please Specify	240# Truck



Center Strut Backboard



and Height Adjuster Adapters

If your existing center strut ceiling mount structure is not designed to mount to backboard corners...these adapters allow installation of Bison backboards and/or ZipCrank height adjusters to your existing center strut structures • Specify fan-shaped or 72" wide rectangular-shaped backboards and 6" or 65/8" diameter center strut size.

Approx. shipping weight: 50#/pair; Sm. Pkg.



Model #	Center Strut Diameter	Backboard Mounting Pattern	Shipping Weight
OFY600F	6"	35" (w) x 20" (h)	Approx. weight: 50#/pair; Sm. Pkg.
OFY600R	6"	62" (w) x 36" (h) or 62" (w) x 42" (h)	Approx. weight:75#/pair; Sm. Pkg.
0FY658F	65/8"	35" (w) x 20" (h)	Approx. weight: 50#/pair; Sm. Pkg.
OFY658R	65/8"	62" (w) x 36" (h) or 62" (w) x 42" (h)	Approx. weight: 75#/pair; Sm. Pkg.







THE GAME'S MOST POPULAR BACKBOARD

v BA68U **DuraSkin** Backboard Safety Padding

The first, the best and now available in a virtual rainbow of colors.

- New color option for 2014-15: PINK
- New and Improved Pin-Style Center Pad Connectors
- Slimmer Cross Section for Reduced Rebound Interference
- Now with a 10-Year Replacement Warranty





BA68F DuraSkin® for **Fan-Shaped Backboards**

Fits all front mount or rear mount glass or steel fan backboards...DuraSkin quality and safety for fan-shaped backboards • Bolt-on dependability • Fits all official size 54" wide x 35"-39" tall rear and front mount backboards

Molded-in

Goal Relief

- Mounts to steel, glass and cast aluminum backboards
- Available in gray, royal, scarlet and black Molded-in steel attachment inserts • Slim profile to reduce potential for ball interference • Requires drilling • Includes mounting hardware and instructions • Priced per kit but packaged two kits per carton • One kit covers one backboard
- Unconditional five-year replacement warranty (indoors ONIV). Approx. shipping weight: 5#/kit; Sm. Pkg.



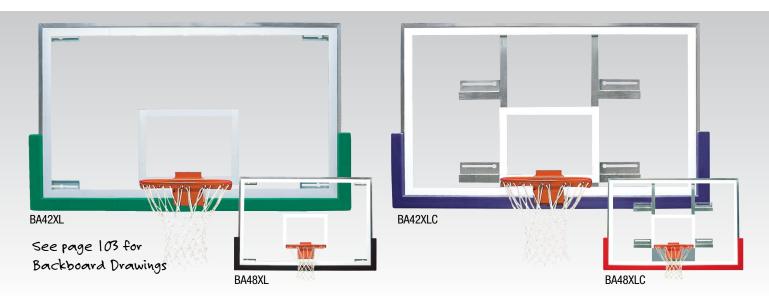
Available in 16 School Colors

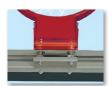
BA68U-BK	Black
BA68U-KL	Kelly Green
BA68U-SC	Scarlet
BA68U-RY	Royal
BA68U-OR	Orange
BA68U-FG	Forest Green
BA68U-CL	Columbia Blue
BA68U-MR	Maroon
BA68U-GL	Gold
BA68U-GR	Gray
BA68U-PR	Purple
BA68U-NY	Navy
BA68U-VG	Vegas Gold
BA68U-CD	Cardinal
BA68U-BR	Brown
BA68U-BO	Burnt Orange
BA68U-PK	Pink

Colors are not guaranteed to match catalog samples.



COMPETITION GLASS BACKBOARDS





Rear Stabilizer Bar Eliminates Stress on Glass

Unbreakable "XL" Glass Backboards

Built-in support structure absorbs over 98% of the stress from goal contact without transferring it to the glass...Goal is mounted "off glass" so even excessive hanging and abuse will not cause stress • Never again be concerned about the risk of injury or inconvenience of glass breakage • We are so confident of our "XL" design durability that for over five years we have offered a \$250 installation reimbursement in addition to our unconditional replacement warranty without a single request for reimbursement

• Every "XL" unbreakable backboard features a polished aluminum extrusion framework, glass cushioning gasket, high strength steel support structure, ½" tempered glass with fire impregnated bright white border and shooters square and unconditional lifetime warranty • All Bison glass backboards are predrilled for quick installation of original DuraSkin backboard padding.

VBA42XL **42" Short Unbreakable "XL" Glass Backboard**

The 42" x 72" short board version of our "XL" backboard line...This backboard has the industry standard 35½" x 62" structure mounting design and 5" x 4" goal hole pattern to make upgrade retrofitting to any manufacturer's short board ceiling or wall mount structure foolproof

• Unconditional lifetime warranty. Approx. shipping weight: 200#; Truck

VBA48XL **48" Tall Unbreakable "XL" Glass Backboard**

Same as BA42XL except 48" x 72" size...With 42" x 62" structure mounting pattern and 5" x 5" goal mounting pattern • Compatible with all manufacturer's tall board structures • BA48XL is the only unbreakable 48" backboard in the industry and is the perfect solution to upgrading old traditional 48" glass boards that are now in use in thousands of gyms across the country • Unconditional lifetime warranty.

Approx. shipping weight: 240#; Truck

V BA42E Standard 42" Short Backboard (not shown)

Excellent value • Meets or exceeds all NCAA and National High School Federation rules • Predrilled for original DuraSkin backboard padding • 42" x 72" x ½" tempered glass with fire impregnated, bright white border and shooters square • Polished aluminum framework • 36" x 62" structure and 5" x 4" rim mounting pattern • 10-year limited warranty. Approx. shipping weight: 180#; Truck

V BA48 Standard 48" Tall Backboard (not shown)

Traditional size, improved quality ● This 48" x 72" board is a common fixture in gyms across the US and meets all appropriate rules for competition play ● Board features 42" x 72" structure and 5" x 5" goal mounting pattern and will replace virtually any manufacturer's original tall glass backboard ● 10-year limited warranty.

Approx. shipping weight: 210#; Truck

VBA42XLC 42" Short Unbreakable "XL" Glass Conversion Backboard

Make the transition...Go from old fan-shaped steel or glass backboards to popular 42" x 72" rectangular glass backboards normally without modification or relocation of your existing wall or ceiling support structures

- The 35" wide x 20" high rear structure mounting pattern is the standard in the industry for most fan-shaped gym backboards and structures
- Unconditional lifetime warranty. Approx. shipping weight: 220#; Truck

BA48XLC **48" Tall Unbreakable "XL" Glass Conversion Backboard**

This board is intended primarily for replacement of broken, existing 48" boards, mounted on fan style, wall or ceiling structures (35" x 20") common in older gyms...If you are replacing fan steel or glass backboards on both ends of a court, Bison recommends use of BA42XLC short backboards ◆ Consult a Bison Product Specialist for selection of the right board for your application ◆ Formerly BA48C

• Unconditional lifetime warranty. Approx. shipping weight: 240#; Truck

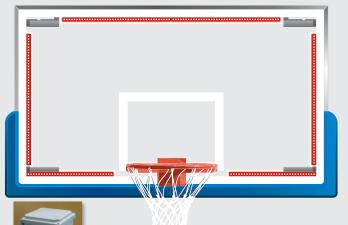
Bison is confident you will never need to replace these boards – so confident that we offer a \$250 installation reimbursement for any broken BA42XL, BA42XLC, BA48XL or BA48XLC backboard replaced under Bison's lifetime warranty!

CAUTION!

Studies have demonstrated that 42" x 72" glass backboards reduce the risk of player injury from backboard contact. BA42XL and BA42XLC are recommended for all new installations and fan-to-rectangle conversions. Bison makes 48" x 72" backboards (BA48, BA48XL and BA48C) available ONLY for replacement applications



Transformer



BALED Correct Call LED Backboard Alert Systems

Popular at the collegiate level...LED Alert Systems are coming soon to a high school near you • Bison LED system is easy to install behind virtually any manufacturer's glass backboard (42" or 48" high) with no drilling and no visual hardware • Will interface with virtually any scoreboard system that is capable of sending a signal from the official scoreboard time clock or shot clock to this 12 volt LED system • Six separate preassembled LED light strips are mounted in aluminum tracks with high tack, self adhesive mounting tape system for quick and easy installation • System includes LED strips for one backboard, transformer and all necessary components except the wiring that is required to run from the scoreboard signal location to the transformer box • Call a Bison Customer Service Specialist for details • Five-year limited warranty.

Note: Correct Call Alert Systems are not returnable once backing is removed from the adhesive tape. Make sure your LED strips are compatible with your backboard.



BA407C Side Court Conversion Glass

The most affordable glass option available...This backboard is identical to our full-sized, official conversion backboard (BA42XLC) except its 42" x 54" size makes it the most affordable glass option for side courts, recreation centers or other applications where cost is a serious consideration

• Play is identical except board has 9" per side less glass to hit on errant shot

• ½" tempered glass • Simply remove an existing fan board and bolt up this board for a low cost conversion from steel fan to rectangular glass

• Unconditional lifetime warranty. Approx. shipping weight: 175#; Truck



BA407G **Unbreakable Glass Side Court**

A scaled down version of our popular unbreakable 42" x 72" competition glass backboard...

Reduced to 42" x 54" to reduce weight and cost without sacrificing features • Goal is mounted "off glass" so even excessive hanging will not cause stress • Order Bison PKG500 to mount this board between 12" and 48" from the wall • Unconditional lifetime

warranty. Approx. shipping weight: 150#; Truck



BA44XL Extended Life Competition Fan-Shaped Glass

Unbeatable warranty because this is a better built fan-shaped glass backboard...Built-in support strut greatly improves durability • Official size 39" x 54" • Cushioned ½" tempered glass • Heavy-duty aluminum framework • Fire-impregnated white border and shooter's square • Industry standard

20" x 35" mounting brackets • Order BA68F padding separately

• Unconditional lifetime warranty. Approx. shipping weight: 115#; Truck



BA455 **42" x 72"** Tuffglass[™] Rectangular

Heavy-duty, hand-laid fiberglass front and back panels permanently bonded around a fiber laminate core...High gloss bright white gel-coat finish

with permanent molded-in orange shooter's square and border • Popular 42" x 72" competition size • 15/16" thick • 5" x 4" goal mounting pattern

- Threaded steel inserts are molded into the back of the board to provide a means of mounting to fan or rectangular wall structures or pole system braces Provides the quality rebound desired by quality players
- Ten-year limited warranty. Approx. shipping weight: 160#; Truck



BA465 **Tuffglass**™ **Fan-Shaped**

Extra heavy-duty fiberglass front ant back panels for superior playability...High gloss, bright white gel-coat finish • Molded-in permanent orange border and shooter's square

• Solid fiber laminate core • Official

39" x 54" size, 15/16" total thickness • Completely weatherproof for outdoor or indoor use in all climates • 5" x 5" hole pattern • Threaded insets are molded into the backboard to allow mounting to common fan-shaped structures (20" x 35") and most outdoor playground poles. Ten-year limited warranty. Approx. shipping weight: 89#; Truck



BA495 **Dura Steel**™ **Fan-Shaped**

Steel, and lots of it, highlight this 39" x 54" official size backboard...Great option to replace rear mount side court backboards for greater durability • 12 ga. skin • Heavy-duty

mounting support structure • 5" x 5" hole pattern • Standard 20" x 35" fan-type backboard mounting holes • Superior front mount design

- Heaviest backboard of its type White powder coated finish
- Official orange shooter's square Ten-year limited warranty.

 Approx. shipping weight: 100#; Truck

See page 103 to send your photo/video to Bison



COMPETITION BREAKAWAY GOALS



Baseline 180° Breakaway Goal

The ONLY true 180° Breakaway Goal with a Positive Lock Release Mechanism!

From the left baseline, right baseline, down the lane or any angle in between, Baseline will provide consistent breakaway pressure even during the most aggressive slam dunk action...This is the most technologically advanced breakaway goal available today with the ring assembly floating on 13 hardened chromium steel ball bearings for smooth flexibility from any direction • Pressure release mechanism is field adjustable to insure the preferred feel and adherence to NCAA ring testing rule for the life of the goal • Meets National High School Federation and NCAA standards • Includes anti-whip net and mounting hardware.

BA3180S Baseline™ Collegiate 180°

For 42" x 72" backboards...The preferred goal to use on all short 42" glass backboards at any level of play • Three-year repair or replacement warranty. Approx. shipping weight: 39# each; Sm. Pkg.



BA3180T Baseline Universal Prep 180°

Universal board mounting design...Same mechanism as Collegiate above but fits both 48" x 72" and 42" x 72" glass boards • Use at all levels of play

• Three-year repair or replacement warranty. Approx. shipping weight: 39# each; Sm. Pkg.



Fully Welded

1/4" Rim Support

BA35A **ReAction** Breakaway Goal

Hideaway net attachment system makes net system failure virtually impossible and greatly improves player safety...Net attachment cable easily passes through the tubular channel in seconds without use of tools
• AcuFlex™ adjustable, positive lock breakaway mechanism allows fine tuning throughout the life of the goal with special tool provided • Increased flexibility provides greater energy absorption • Steel coverplate • 5/8" diameter, high tensile steel ring with ¼" full Oradius rim support • Fits all makes and models of glass backboards both 42" and 48" high • Meets National High School Federation and NCAA standards • Includes mounting hardware and anti-whip net • Four-year limited warranty. Approx. shipping weight: 23# each; Sm. Pkg.

tually cable cable ols tuning stuning high models of oll nti-whip

Anti-Whip Net

Meets NCAA Rule regarding rebound elasticity

AcuFlex™ Adjustable Tension Breakaway Mechanism

Adjustable Breakaway Mechanism

5/8" High Tensile Steel Ring One-Piece, Continuous Net Attachment Fully Welded ¼" Rim Support Industry's Only Safety Padded Iow Coverplate Maintenance Breakaway -YEAR Mechanism Replacement Warranty Anti-Whip Net

v BA35E **Elite**™ Breakaway

Compare our fully welded ¼" rim support with the ³/16" partially welded supports of other manufacturers...High tensile strength 5/8" steel ring provides 50% greater bend resistance than normal rim material • One-piece continuous net attachment system reduces net attachment worries • Low maintenance breakaway mechanism is enclosed by Bison's exclusive safety padded coverplate • Convenient six-point lubrication system insures the smoothest possible action • Backplate fits all hole patterns on 42" and 48" rectangular and fan-shaped glass backboards • Meets National High School Federation and NCAA standards • Includes hardware and anti-whip net • Five-year limited warranty. Approx. shipping weight: 25# each; Sm. Pkg.

Meets NCAA Rule regarding rebound elasticity







v BA35 ProTech* Breakaway

Bison's original breakaway goal is still the best value...Heat treated ball and socket, positive lock mechanism provides excellent rebound consistency over the life of the goal • 1/4" rim support • Simple, maintenance-free design • Steel coverplate • Backplate fits all hole patterns on 42" and 48" rectangular and fan-shaped glass backboards • Continuous netlocks • Meets National High School Federation and NCAA standards • Includes mounting hardware and competition net • Unconditional three-year replacement warranty. Approx. shipping weight: 23# each; Sm. Pkg.

v BA35S **ProTech** NEW! Breakaway for 42" Short Backboard

For 42" glass backboards only...Same features as BA35 above except rim mounting hole pattern is 5" x 4" only • Results in bottom of backplate being approximately 1" higher on backboard • Unconditional three-year

replacement warranty. Approx. shipping weight: 22# each; Sm. Pkg.





BA34 **TruFlex** Breakaway

Economical yet durable...Meets or exceeds NCAA and National High School Federation standards • Same breakaway mechanism as Bison's BA35 ProTech goal • Steel coverplate • Backplate mounting pattern fits 42" and 48" high glass backboards • One-year limited Warranty. Approx. shipping weight: 23# each; Sm. Pkg.

v BA32XL Hang Tough™ Breakaway

Our most affordable competition breakaway qoal...Same heavy-duty construction as ProTech but with simplified breakaway mechanism that provides consistent and long life for programs at all levels • Meets National High School Federation standards

 Includes competition net and mounting hardware. Approx. shipping weight: 22# each; Sm Pkg.



Unconditional Limited Warranty

Ring Testing For NCAA Division I Men's Basketball

Beginning in 2004-05, All competitive rings shall be tested for rebound/elasticity once before the season and once before the postseason. This should be done with a nonmechanical, tamper-proof, computational testing device that determines the amount of energy absorption as a calibration. The rebound/elasticity of any basket ring support system shall be within a 35% to 50% energy absorption range of total impact energy and within a 5% differential between baskets on the same court.

All breakaway goals ever manufactured by Bison are capable of meeting the rebound elasticity requirements of this rule. For information on this requirement, request Bison's Position Paper on NCAA Rules Regardi Rebound/Elasticity Testing of Competition Goals. The actual testing device and complete instructions can be

NOTICE: THIS RULE APPLIES ONLY TO MEN'S DIVISION I COMPETITION BASKETBALL COURTS.

BA51H Anti-Whip Net

Competition grade, affordable price...Heavy braided nylon to reduce net whip common with lighter weight nets • Bright white • Use for competition or as upgrade to normal residential or playground string nets. Approx. shipping weight: 1#; Sm. Pkg.

Order BA51H-PK for a pink net





BA51H-PK

BA35ARC Replacement Hideaway Net Attachment Cables

Vinyl coated wire replacement cables to attach net to all Bison goals with tubular Hideaway Net Attachment System...Sold in pairs.

Approx. shipping weight: 1#/pair; Sm. Pkg.



BASKETBALL GOALS AND TRAINING AIDS

Basketball Goals



BA32 Heavy-Duty Side Court and Recreational Flex Goal

An affordable flex goal that can take heavy use and abuse...Simple, low-maintenance design can be used indoors or outdoors • 5/8" steel rim with 3/₁₆" x 1½" support •15° deflection, auto return • Universal backplate mounts to all standard boards • Durable powder coated finish • Not recommended for interscholastic high school or collegiate play • Continuous netlocks • Includes mounting hardware and nylon net • One-year limited warranty. Approx. shipping weight: 22# each; Sm. Pkg.



Rear mount goals are recommended for replacement only. Rear mount goals are not compatible with any Bison pole systems.

BA27A Front Mount Super Goal

Excellent upgrade from standard front mount goals at a lower cost than double rim or breakaway goals...Full 5/8" computer designed reinforcing bar gives "super support" when a player suspends from the goal • Additional 5/8" brace strengthens the vulnerable joint between rim and backplate • Continuous netlocks • 1/4" thick universal backplate • Packaged two goals per carton • Includes mounting hardware and nylon net . Two-year limited warranty. Approx. shipping weight: 34#/pair; Sm. Pkg.

BA27 (not shown)

Standard Front Mount Competition Goal

Standard 5/8" steel rim...3/16" thick universal backplate for mounting to virtually all boards • ½" reinforcing bar, computer engineered for maximum support • Continuous netlocks • High-penetration continuous welded joints • Durable powder coated finish . Packaged two goals per carton . Includes mounting hardware and nylon net • One-year limited warranty, Approx, shipping weight: 25#/pair; Sm. Pkg.

BA21A Rear Mount Super Goal

Stronger than other manufacturers' standard rear mount goals... 1/4" continuous welded support ring for over half of the rim circumference • Continuous netlocks • Heavy-duty 3/16" thick universal backplate mounts to all rear mount boards . Additional bracing at the backplate joint gives greater strength when player suspends from goal . Durable, baked powder coated finish

• Packaged two goals per carton • Includes mounting hardware and nylon net • Two-year limited warranty. Approx. shipping weight: 38#/pair; Sm. Pkg.



BA21 (not shown)

Standard Rear Mount Competition Goal

Replace bent and broken goals on any brand of rear mount backboard... Heavy-duty 3/16" welded backplate assembly • 3/16" support ring for over ½ of the rim circumference • Continuous netlocks • Universal backplate • Durable, baked powder coated finish • Packaged two goals per carton • Includes mounting hardware and nylon net

• One-year limited warranty. Approx. shipping weight: 38#/pair; Sm. Pkg.

Training Aids



TR22 Three Point Shooter

Installs without tools on any qoal...Reduces shooting target from normal ring's 18" diameter to 16" • This 20% reduction in area will train the shooter to hit a smaller target . Normal goal looks like a great big bucket during games · A must for developing players to dramatically increase their shooting percentage . Fits residential goals, too • One-year limited warranty. Approx. shipping weight: 4#; Sm. Pkg.

Removable Goals



Removable Goal **Package**

Excellent option to add shooting stations to areas

where a permanent goal would interfere with other activities...Official size goal slides easily into mounting track for guick on and off . Bracket can be mounted directly to wall or any flat surface

• Not suitable for slam dunk action • Select wall mounting anchors (not included) based on wall construction • One-year limited warranty. Approx. shipping weight: 12#; Sm. Pkg.



Goal Bracket Includes wall bracket only...

Same bracket as TR75 at right • Use with BA26 goal only • Not suitable for slam dunk action

· Customer provides wall mount anchors . One-year limited warranty. Approx. shipping weight: 2#; Sm. Pkg.



TR23 101/2" **Rebound Ring**

Develops rebound skills by insuring the ball will not drop during rebound practice...Durable solid steel construction • Orange finish

- · Mounts easily on most standard 5/8" x 18" goals
- · One-year limited warranty. Approx. shipping weight: 3#; Sm. Pkg.



BA26 Economy Goal

Our most affordable goal... Affordable, yet features official size and powder coated finish

- Multiple hole pattern fits many common, low cost backboards . Complete with nylon net and hardware • Use with TR74 and TR76
- Note: Will not fit 5" x 5" and 5" x 41/2" mounting patterns • 90-day limited warranty. Approx. shipping weight: 11# each; Sm. Pkg.



TR74

TR76 Double Height Removable Goal Bracket

Allows 12" goal height adjustment... Wall bracket only

· Mount goal higher for upper grades and lower for younger kids • Use with BA26 goal only

 Not suitable for slam dunk action • Customer provides wall mount anchors • One-year

limited warranty. Approx. shipping weight: 4#: Sm. Pkg



Easy-Up Youth Mini Goals

Over 35,000 Easy-Up™ Mini Goals are in service in youth camps, YMCAs, YWCAs, elementary schools, church recreation centers, basketball camps and city recreation facilities.

For over 25 years, Easy-Up has put the rim within reach and helped to teach aspiring young basketball players proper shooting techniques...

Equipment with official 10' goal height can be converted in less than five minutes with no use of tools • Only Easy-Up will fit on any style of single-ring goal, breakaway or non-breakaway, regardless of manufacturer, age or condition • An Easy-Up goal lowers rim and moves rim 24" closer to free throw line • The full size rim allows play with either full sized or reduced size balls depending upon player age • Standing as low as 2' above the floor, one person can easily attach the tubular frame to a 10' goal with a unique cam operated lever • Total system weight is less than 40# • 48" x 32" backboard is molded of high impact ABS plastic • Ships completely assembled • Not suitable for dunking or hanging from goal • One-year limited warranty on structure and goal, lifetime limited warranty on backboard.

v TR86 6-in-1 Adjustable Easy-Up™

Age appropriate goal height for kids of all ages now available in single adjustable unit...This one model can be set at 6½', 7', 7½', 8', 8½' or 9' goal height for kids as young as four years old • Two minute height adjustment without tools. Approx. shipping weight: 45#; Sm. Pkg.











Less Than 40# Lifting Weight



For Transport or Storage Folds with three thumb screws to 48" x 32" x 7" and has built-in carrying handle.



71/21 Goal Height for Ages 3-5



61/21 to 91

8' Goal Height for Ages 5-7



81/21 Goal Height for Ages 8-10

WARNING!

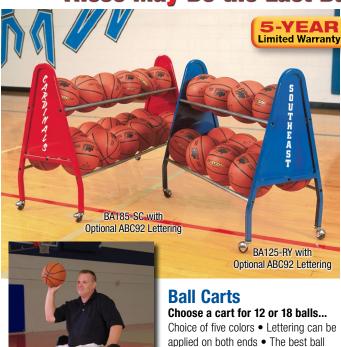
Easy-Up Youth Mini Goals are not for residential or outdoor institutional use. Adult installation is required. Use in supervised play only. ABSOLUTELY NO HANGING OR DUNKING.



Heavy-Duty Ball Carts

Possibly the last ball cart you'll ever need to buy...Designed and tested to support up to 250#, these carts might last forever • Constructed of welded 1" souare heavy wall tubing with 34" steel chrome plated, horizontal ball supports • Choose from standard or lockable model with ball capacities to match your program's needs • Carts are available in five popular colors and can be customized with optional ABC92 lettering • Fits men's or women's basketballs • Floor-friendly casters • Some assembly required • Five-year limited warranty.

These May Be the Last Ball Carts You'll Ever Buy



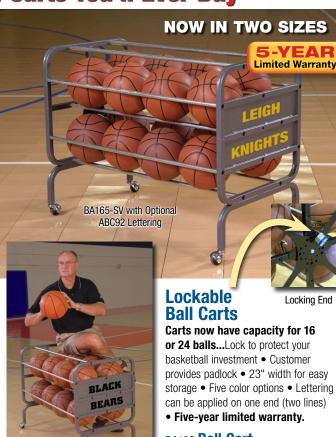
carts you'll ever own • Five-year limited warranty.

BA125 Ball Cart

Holds 12 balls. Approx. shipping weight:

BA185 Ball Cart

Holds 18 balls. Approx. shipping weight: 50#; Sm. Pkg.



BA165 Ball Cart

16 ball capacity. Approx. shipping weight: 80#; Sm. Pkg.

BA245 Ball Cart

24 ball capacity. Approx. shipping weight: 100#; Sm. Pkg.

Color Selection for BA125, BA165, BA185 and BA245 Ball Carts











RY-Royal

WT-White

SC-Scarlet

BK-Black

SV-Silver Gray

ABC92 Custom Lettering

Custom lettering for your school name or nickname...End panels on select Bison ball carts can be customized with up to 10 letters per side or line • See page 102 for vinyl lettering color options • Choose one of the four lettering styles shown below (A, B, C or D) • Customer applies lettering at assembly • Includes same lettering for both ends of cart on BA125 and BA185 or two lines of lettering on BA165 and BA245 • Bison does not provide printed logos or multiple color lettering.

ABC92 Letter Styles

A ABC

B ABC

c ABC base



BASKETBALL BALL CARTS









BA175 **25 Ball Security Locker**

Secure your investment in inflatables...Sturdy blue powder coated wire and tubular locker

- · Hinged, lockable top (lock not included) • Overall dimensions 24" (w) x 36" (l) x 35" (h) • Easy to roll with convenient handle and heavy-duty swivel casters • Holds approximately 25 to 30 basketballs, volleyballs, soccer or miscellaneous game balls and equipment
- One-year limited warranty. Approx. shipping weight: 50#; Sm. Pkg. Ships Oversize

Standard Ball Carts

Economical and convenient ball storage and transport carts...

These sturdy carts have chrome plated tubing framework • Extra wide casters add stability and allow easy turning • Choose from 12 or 16 ball capacity • Some assembly required.

BA100 **Standard** 12 Ball Cart

Approx. shipping weight: 13#; Sm. Pkg.

BA150 **Standard** 16 Ball Cart

Approx. shipping weight: 15#; Sm. Pkg.





Bison Team Scorebooks

All Bison scorebooks provide clear, crisp scoring pages for a season of winning games or matches. These scorebooks have durable, full color front covers, scorekeeping instructional pages and all the features you'd expect in a premium competition scorebook. Available for basketball, volleyball or soccer, each with capacity for up to 30 games or matches.

Basketball, Volleyball and Soccer Scorebooks

Exclusive Bison bonus...Each scorebook contains factory rebate coupons good for sport-specific Bison products needed throughout the year • Bison team sports equipment is sold only through Quality Team Sports Dealers • All Bison scorebooks are sold individually. Approx. shipping weight: 1#/each; Sm. Pkg.

SBBB Bison Basketball Team Scorebook **SBVB Bison Volleyball Team Scorebook SBSC Bison Soccer Team Scorebook**

FACTORY REBATE COUPONS INSIDE EACH SCOREBOOK



SPORT PRIDE™ ILLUMINATED SCORERS TABLES



ST85FI **Sport Pride**** Illuminated Scoring Tables

Let the light shine through with Bison Sport Pride Illuminated

Scoring Tables...Tables have profile identical to Bison's full color graphic and lettered scoring table models so tables can be configured in any length and in any combination of styles to meet your facility's needs and budget • Support legs and 16" deep table top fold for easy transport and storage on built-in, non-marking casters • Front graphics are printed on a durable, translucent substrate and protected by unbreakable clear polycarbonate for a lifetime of sharp, bright images • Price includes free artwork design by Bison art department using virtually any photo quality image, logo artwork or lettering • Choose 8' or 4' table length • Can be used either on the floor with chairs or mounted on a customer fabricated platform a few rows up in most bleachers • Ends are fully padded and can be

lettered with school name • Top edge has matching safety padding • Each 8' table includes a FREE possession arrow and a 120 volt power strip with surge protector • See Convertible drawing on page 27 for profile information • Requires 20 amp, 120 volt service • Illumination is provided by three florescent lamps (included) • Due to their custom design, scoring tables and wall padding are not returnable • Five-year limited warranty on tables except lamps.

Approx. shipping weight: 400#; Truck



Sport Pride Illuminated Scoring Tables				
	ST45FI	ST85FI		
Style	4' Convertible	8' Convertible		
Approx. Graphic Size	31" x 48" (10 sq. ft.)	31" x 96" (20 sq. ft.)		
Actual Overall Dimensions	34" (w) x 34" (h) x 54" (l)	34" (w) x 34" (h) x 102" (l)		
Power Requirement	120 Volt AC, 20 AMP	120 Volt AC, 20 AMP		
Table Depth and Height	16" (d) x 31" (h)	16" (d) x 31" (h)		
Stored Dimensions	20" (w) x 34" (h) x 54" (l)	20" (w) x 34" (h) x 102" (l)		
Shipping Weight (Truck)	250#	400#		
Unit Weight	175#	300#		
Optional Protective Cover	ST45FCV	ST85FICV		
Possession Arrow Included	No	Yes		

FULL COLOR GRAPHIC SCORERS TABLES



ST85F 8' Convertible Table on Floor

Sport Pride Full Color Graphic Scorers Tables

The perfect blend of safety, function and school pride... Realistic color graphics, same as found on our popular Sport Pride wall padding, cover the entire front and sides of these scorers tables • Available in 12', 8' or 4' models • Any number of 12', 8' and 4' tables can be placed side-by-side with graphics coordinated to create any length of continuous scorers table capacity • Tables fold easily for transport and storage • Choose from Convertible or Space Saver models • Includes full color printed graphics on front panel and mascot or school name on each side pad • Super narrow storage width • Full color printing process allows infinite color selection • One hour of FREE custom artwork by Bison art department (BNART) • Printed surfaces are clear laminated to protect graphics • Folding 16" deep table with drink holders • Padded front and sides have 14 oz. anti-mildew, UV protected and fire-retardant vinyl over 2" thick urethane foam • Steel and aluminum structure with powder coated and anodized finish • Built-in, floor-friendly transport casters • 110 volt receptacles for computer, shot clock, etc. • Optional protective cover available for 8' models • Due to their custom design, scoring tables and wall padding are not

returnable • One-year limited warranty.





FULL COLOR GRAPHIC SCORERS TABLES



ST125F 12' Convertible Table in Bleachers (requires field constructed platform)



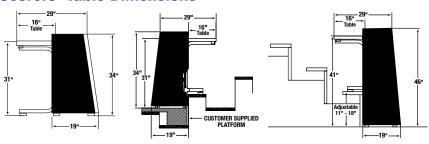
ST85B 8' Space Saver Table

Compact for Easy Storage

Two ST85F 8' Convertible Tables, 16' Total Length

Sport Pride [™] Graphic, Lettered and Solid Color Scorers Tables							
	ST125F ST125FL ST125FS	ST85F ST85FL ST85FS	ST85B ST85BL ST85BS	ST45F ST45FL ST45FS	ST45B ST45BL ST45BS		
Style (Seats)	12' Convertible (6)	8' Convertible (4)	8' Space Saver (4)	4' Convertible (2)	4' Space Saver (2)		
Approx. Graphic Size	34" x 144" (36 sq. ft.)	34" x 96" (24 sq. ft.)	46" x 96" (32 sq. ft.)	34" x 48" (12 sq. ft.)	46" x 48" (16 sq. ft.) 34" (w) x 46" (h) x 48" (l)		
Approx. Overall Dimensions	34" (w) x 34" (h) x 144" (l)	34" (w) x 34" (h) x 96" (l)	34" (w) x 46" (h) x 96" (l)	34" (w) x 34" (h) x 48" (l)			
Graphics	Full Color Two-Color Lettering Solid Color						
Table Depth and Height 16" (d) x 31" (h)		16" (d) x 31" (h)	16" (d) x 41" (h)	16" (d) x 31" (h)	16" (d) x 41" (h)		
Stored Dimensions	20" (w) x 34" (h) x 144" (l)	20" (w) x 34" (h) x 96" (l)	20" (w) x 46" (h) x 96" (l)	20" (w) x 34" (h) x 48" (l)	20" (w) x 46" (h) x 48" (l)		
Shipping Weight 400# (Truck)		350#	400#	225#	250#		
Unit Weight 300#		250#	300#	150#	175#		
Optional Protective ST125FCV Cover		ST85FCV	ST85BCV	ST45FCV	ST45BCV		
Possession Arrow Included	Yes No No	Yes No No	Yes No No	Yes No No	Yes No No		

Scorers' Table Dimensions



All Convertible Tables on Floor

All Convertible Tables in Bleachers

All Space Saver Tables

ST45F 4' Convertible Table on Floor





LETTERED SCORERS TABLES



ST85FL 8' Convertible Lettered Table in Bleachers (requires field constructed platform) Shown with Optional SC500 Possession Arrow

Letter Styles

ABC CABC RABC MABC

"The Bison scorers table we purchased was more than we bargained for! The graphics were outstanding, the quality was excellent and the price was reasonable. I was impressed with the turnaround time and how well it was constructed. It has had a positive impact on our school spirit. Anyone who walks into the gym notices the table right away. When people ask who we got it from, I direct them to Bison with positive recommendations. **Rob Murphy** St. Ignatius

High School Thunder Bay, Ontario



Sport Pride **Lettered Scorers Tables**

Same great Bison scorers tables previously available only with full colored printed graphics are now available with two-color front lettering and side lettering at a significant savings...Sport

Pride lettered scorers tables are available in many vinyl background colors with multiple lettering color options so you won't have to sacrifice appearance to fit a great scorers table into your budget • Choose from the lettering styles shown • See page 102 for padding and lettering color options • Bison graphics department will provide sample layouts for approval • Optional oversize two-color (ABC50) logos can be included in the design at an additional cost, call for details • Some lettering size limitations apply • All lettering and logos are applied using specially formulated ink for maximum life • Tables can also be ordered in solid colors with no lettering • Due to their custom design, scoring tables and wall padding are not returnable • One-year limited warranty

. More details on chart on page 27.



ST85FS 8' Convertible Solid Color Table on Floor Shown with SC500 Optional Possession Arrow







ST870 8' Outdoor Sports Scoring Table

Scoring tables are not only for indoor sports any longer... Use for soccer, softball, baseball or any outdoor team sports • 8' table seats up to 4 persons and provides a convenient 20" deep table top for scorebooks, computers or microphones • Constructed of 2" square powder coated steel tubing and 2" x 10" anodized aluminum planks • Sits on molded rubber foot pads to protect powder coating, add stability and reduce potential for rust from wet turf • Optional powder coated aluminum planks and available in six colors (see page 36) • Two year limited warranty. Approx. shipping weight: 140#; Truck



Scorers Table Protective Covers

Lightweight but durable black nylon...Protective covers are custom fit to reduce dust and damage during transport and storage of your Bison Sport Pride scorers tables • See chart on page 27 to select cover to fit the table ordered.

Approx. shipping weight: 5#; Sm. Pkg.







ST84F and ST83F 8' School Spirit Activity Tables

Step up to the big leagues...But at a little league price • Great for use as a basketball or volleyball scorers table but equally at home at speech and debate, wrestling matches, bake sales or anywhere school spirit is alive and well • Front and side panels are fully padded for player protection • Printing of full color graphics on the front panel and mascot or school name on side panels is included in price of ST84F • Easy to store, all panels attach with Velcro

- Padded front panel is approximately 30" x 96"
- 2" thick front and 1" thick side padding Seats four comfortably Full color graphics with clear laminate protective coat (ST84F) or choose from 16 padding colors shown on page 102 with no graphics (ST83F)
- 5 minute set up and tear down Stores in area 8' x 3' x 1' Full 30" x 96" table top One-year limited warranty.



ST83F Shown with Optional SC500 Possession Arrow



Velcro Front and Side Panel Attachment



Easy Transport and Storage

School Spirit [®] Activity Tables					
	ST84F	ST83F			
Style	8' Floor	8' Floor			
Approx. Graphic Size	30" x 100"	N/A			
Approx. Overall Dimensions	32" (w) x 30" (h) x 100" (l)	32" (w) x 30" (h) x 100" (l)			
Table Depth and Height	30" (d) x 29" (h)	30" (d) x 29" (h)			
Stored Dimensions	12" (w) x 36" (h) x 96" (l)	12" (w) x 36" (h) x 96" (l)			
Shipping Weight (Truck)	130#	130#			
Unit Weight	90#	90#			
Optional Protective Cover	N/A	N/A			
Possession Arrow Included	No	No			



ST54F 5' School Spirit Compact Activity Table

Great graphics, easy to transport... Budget priced 60" table seats two comfortably for sports events, ticket sales or event check-in • Displays your school mascot proudly just like more expensive graphic tables but at a fraction of the

cost • Vinyl skirt is permanently printed and laminated using a full color graphic process and attaches to foldable table with super-duty Velcro fastening tape • There is no additional artwork charge if ordered using Bison's QwikPrint graphics • Table height 29", table depth 27" • Stored size

4" (w) x 27" (h) x 30" (l) • Graphic skirt is rolled and stored in zippered storage bag for safekeeping • Chairs not included • One-year limited warranty.

Chairs not included • One-year limited warranty
 Approx. shipping weight: 35#; Sm. Pkg.

School Spirit [™] Compact Activity Table				
	ST54F			
Style	5' Floor			
Approx. Graphic Size	29" x 60"			
Approx. Overall Dimensions	27" (w) x 29" (h) x 60" (l)			
Table Depth and Height	27" (d) x 29" (h)			
Stored Dimensions	4" (w) x 27" (h) x 30" (l)			
Shipping Weight (Truck)	35#			
Unit Weight	30#			
Optional Protective Cover	N/A			
Possession Arrow Included	No			
<u> </u>	·			



ST89F 8' School Spirit™ Activity Table Skirt

You provide the table, we'll provide the skirt...Provides top quality graphics for any 8' long, 29" high and 30" deep folding table • Skirt is printed on heavy-duty vinyl using our full color graphic process then laminated for superior durability • Attaches to customer supplied table using super-duty Velcro • Chairs not included • Includes cover and zippered storage bag

No additional artwork charges apply if Bison QwikPrint graphics are used
 One-year
 limited warranty. Approx. shipping weight: 10#; Sm. Pkg.

Sample Mascot Images Available at www.bisoninc.com/sportpride







STC400

Team Chairs

Comfort and durability...Full color custom back panel • 2" thick foam cushion seat with white vinyl cover . Comfort contour padded back . White vinyl seat cover . Chair width 18" • Black steel frame • Bison Art Department will help you design chair back with full color graphics, lettering or school logos • Minimum order of four chairs . Each order must include STC500ART set up and artwork charge • See STC036 for transport cart . Two-year limited warranty. Approx. shipping weight: 18#/per chair



contoured backrest • Select frame, seat, seat back and lettering colors to customize to your school or facility • Standard frame colors: black, scarlet, navy, brown and metallic silver • Vinyl colors available: black, scarlet, navy, royal, maroon, gold and white (seat and back must be the same color) • See ABC52 for lettering options • Each order must include one STC400ART set up and artwork charge • Order STC400 for chairs that require no lettering on vinyl chair backs • Minimum order of four chairs. NOTE: Additional chair frame colors are available on orders of 36 or more chairs but require a one-time upcharge, STC400UP. Contact a Bison Product Specialist for availability • Custom chairs are not returnable • See STC036 for transport cart. Approx. shipping weight: 11#/per chair;



Instant seating wherever you want it...Locker rooms, game timeouts or any time • Full color, custom printed padded seat • Black tubular steel frame • 20" comfortable seat height • Must be ordered in multiples of five • Each order that includes printing must include STC300ART set up and artwork charge • Bison's Art Department will assist in design • Order STC300 for team stools without printing • Seats with no graphics are available in 16 school colors (shown on page 102) • One-year limited warranty. Approx. shipping weight: 8#/per stool; Sm. Pkg.



STC036 Sport Pride™ **Chair Transport Cart**

Stores up to 36 Team Chairs or up to 60 **Event Chairs...**Transports, too • Floor friendly casters • Solid steel frame • Loaded dimensions 31" (w) x 60" (l) x 75" (h) • One-year limited Warranty. Approx. shipping weight: 120#; Truck



STC100 Sport Pride™ **Chair Back Covers**

Customize standard folding chairs...Show your program's spirit • Full color graphic printing for logos and lettering . Durable sewn vinyl construction • Fits Bison Team and Event chairs and most standard folding chairs • Bison's Art Department will assist in design . Minimum order of four chair covers . Each order must include one STC100ART set up and artwork charge. Approx. shipping weight: 1#/each; Sm. Pkg.



STC400L



ARENA, GYM, STADIUM AND BALL FIELD PADDING

Bison is well equipped to handle all your safety padding needs...Whether simple solid color gym wall padding, full color graphic or lettered wall padding or durable outdoor stadium or ball field padding, Bison is your best bet • Custom sizes, shapes, cutouts and mounting systems are no problem • Let our in-house art department help you choose from in-stock vinyl colors shown on page 102. custom vinvl colors (at an additional cost) or an infinite range of Sport Pride full-color photo image

options . Consider Bison for all your indoor and outdoor safety padding needs . Due to their custom design. scoring tables and wall padding are not returnable.

"We are extremely happy with our new graphic wall padding. Besides looking great, the padding was very easy to install. It's a terrific addition to our new gymnasium!"

Jeff Edwards, Superintendent Nebraska City Public Schools, Nebraska City, NE

Full Color Graphic See page 32

There is no limit to the range of colors, images and program excitement that you can achieve with Sport Pride printed graphic wall padding.



Lettered Vinyl See page 33

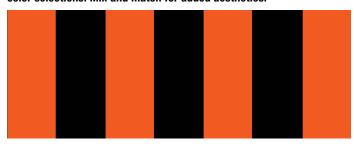
Choose one of our in-stock vinyl colors and add one- or two-colored outlined lettering for impressive and safe wall protection.



Letters cannot cross pads (eight pads shown).

Solid Color Vinyl See page 34

Select one or more compatible vinyl colors from our in-stock color selections. Mix and match for added aesthetics.



Outdoor Safety Padding See page 35

Outdoor conditions require special design features to guarantee long life and beauty.



Wall Padding Duplex Outlet Cutout Trim

Urethane trim piece...Use for field installed outlet or other 6" x 6" cutouts . Specify Light Gray WP20F-GR or Black WP20F-BK. Approx. shipping weight: 2#/each; Sm. Pkg.

Custom Padding Options

Post/Beam/Column **Wraps**



Custom Wall/Door Padding



Stage Edge Padding



Hidden "Z" Track **Mounting System (WPZ)**



Standard Flange Style Mounting System



Special Chain Link Mounting System (WPC)



Outlet and Light Switch Custom Cutouts Cutouts (WP20)



(WP25)



Additional wall padding options including 3" thick Urethane, 2" thick Neoprene, Vonar fire retardant covering, and Fire Retardant OSB covering are available. Consult Bison wall padding specialists for details and pricing.







All Sport Pride™ graphic wall padding includes Hidden "Z" Track Mounting system • See page 34 for size and style ordering chart • All printed graphic wall padding is protected with a Duralam™ clear coating • Optional protective covers are available for 6', 7' and 8' padding heights • Consult a Bison Product Specialist to assure proper ordering.

Sport Pride Graphic Wall Padding

Add the **WOW!** factor to your indoor or outdoor athletic facility with Sport Pride™ full color graphic wall padding...The options are limited only by your imagination • Our creative art department offers exciting photo or logo reproduction and an infinite range of colors that make simple, one color padding seem, well, boring • Digitally printed graphics are far superior to silk screened or vinyl stick-ons in both image quality and durability • Protect your graphic padding investment with Protective Curtains (see page 33) • Bison Sport Pride graphic wall padding is an excellent project for booster club fundraisers to celebrate state championships or as a component of a gym renovation.

16' Below Backboard Padding Systems

Save money by selecting Below Backboard Wall Padding Systems...One-easy-to-order model number provides player protection a full 5' on either side of the 6' wide backboard • 16' is the commonly recommended width and is especially important if the wall is less than 10' from the end line of the basketball court • Below Backboard Systems are available in your choice of 6', 7' or 8' heights • Electrical outlets or other wall protrusions can be accommodated by adding optional cutouts for an additional cost • All Sport Pride graphic 16' systems are provided with Hidden "Z" Track Mounting Systems • Typical 16' installations consist of four, 4' wide panels but occasionaly wall configurations dictate different width panels • A 16' system may be combined with additional individual panels • Consult a Bison Product Specialist for details regarding color options, cutouts, graphic layout and special padding configurations at time of initial order.





Hidden "Z" Track Mounting System (WPZ) is standard with all Sport Pride™ Graphic and Lettered Wall Padding unless otherwise specified.

Mixing Sport Pride™ Graphic Wall Padding with Protector™ Unprinted Padding

Since all Sport Pride graphic wall padding is printed on a white-based vinyl material, the colors, including the background color are digitally determined. While it is possible to approximate the color of existing precolored vinyl used on unprinted Bison Protector™ wall padding, it is impossible to accomplish an exact match.

If your project calls for a significant number of panels with no graphics, and you want to take advantage of the lower cost of unprinted padding for those panels, care should be taken in the graphic design to minimize the effect of the color difference. To have an exact match requires "graphic free" panels to be ordered as Sport Pride graphic padding. Call Bison for details.



Protector Lettered Wall Padding

Show your home team pride...Make a statement on solid colored wall padding with custom one- or two-colored lettering • Choose lettering style from the options below • Selection of 4' wide instead of 2' wide panels enhances the ability to lay out your custom padding with smaller or more letters • Bison art department will provide free assistance and sample layouts.

Letter Styles

A ABC

CABC

B ABC

m ABC



Lettered wall padding includes Hidden "Z" Track Mounting system • See below for typical indoor padding specifications • See page 34 for size and style ordering chart • See page 102 for vinyl color options and available lettering color options • Individual letters must fit on a single 2' wide or 4' wide panel

Consult a Bison Product Specialist to assure proper ordering.



Standard Indoor Wall Padding Specifications

Unless otherwise indicated, all indoor Full-Color Graphic, Two-Color Lettered, and Solid Color vinyl indoor wall padding is constructed of ⁷/16" OSB composite board backing with adhesive applied 2" fire retardant Reflex Plus urethane foam. Leather grain (Two-Color Lettered and Solid Color styles) flame-, mildew-, and UV-resistant 14 oz. vinyl is tightly stretched around foam and secured to OSB backing by means of staples no less than 2" apart. Full-Color Graphic padding is protected with DuraLam™ liquid laminate. Full color graphic and lettered vinyl padding come standard with hidden "Z" channel mounting. Solid color vinyl padding can be ordered with standard flange or optional hidden mount style. Specifications may vary on custom sizes, shapes, and configurations to meet site-specific requirements. Contact a Bison Customer Service Specialist for details regarding other foam density, foam thickness and fire retardant specification options.

16' LetteredBelow Backboard Padding Systems

Order typical 16' wide padding system with a single model number and save money • Available in 6', 7' or 8' high sizes • See page 34 or consult a Bison Product Specialist for ordering details.



Wall Padding Protective Curtains

Maintain the impact of your Sport Pride or Protector wall padding...Reduce the temptation for vandalism and prevent unnecessary scuffing while still maintaining all your wall padding's

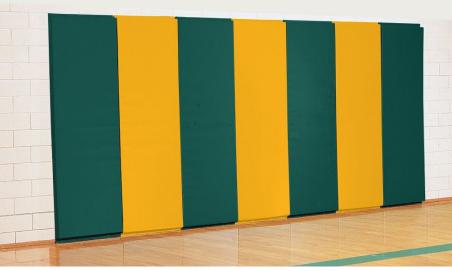
safety features • These lightweight black nylon curtains have fully hemmed edges and a full length Velcro top attachment strip that is designed to attach to Bison wall padding

• Includes appropriate length of ¾" wide adhesive backed Velcro strip to attach to top of padding • Consult a Bison Product Specialist for ordering information.

Approx. shipping weight: 2#; Sm. Pkg.



PROTECTOR™ SOLID COLOR PADDING



Protector Solid Color Padding

Protect your players and add color to your gym at the same time...This padding that has all the safety, durability and quality of our graphic and lettered padding but is priced to allow more square feet of padding for your dollar ● Choose from any of our standard vinyl colors shown on page 102 ● Choose a single color for your entire wall or alternate compatible school colors at no extra cost to maximize the aesthetic appeal ● Actual vinyl color samples are available free of charge on request ● If choosing two colors, it is best to have an odd number of panels to allow the end panels to be the same color.

Solid color padding can be ordered with either Standard Flange Style or Hidden "Z" Track Mounting Systems • See page 102 for vinyl color options • Consult a Bison Product Specialist to assure proper ordering.



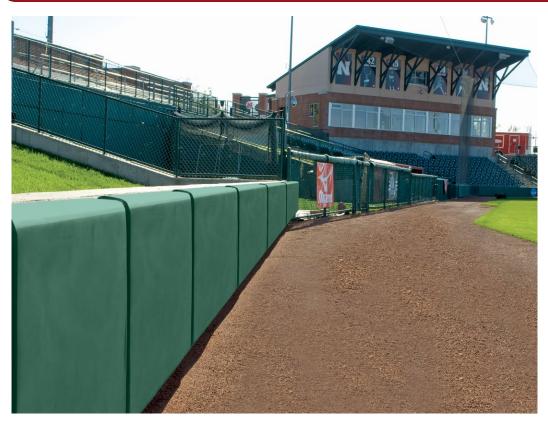
16' Solid Color Below Backboard Padding Systems

You'll save money and make ordering easy with this all-in-one system • Can be ordered with either Standard Flange Style or Hidden "Z" Track Mounting systems • If you want to alternate two solid colors, you will want to select 2' wide panels and add an additional 2' wide panel to have the same color on both ends of an 18' padded wall.



Protector[™] Solid Color Padding is available in either Standard Flange Mount or Hidden "Z" Track design.

Standard Size Indoor Wall Padding Style and Size Chart							
Panel Size (Contact Bison for custom sizes and configurations)	COLUMBUS Full Color Graphic	MARSHALL EAGLES Lettered Solid Color					
Mounting Style	Hidden "Z" Track Mounting	Hidden "Z" Track Mounting	Hidden "Z"	Standard Flange			
2' x 6'	WP62G	WP62L	WP62	WP62F			
2' x 7'	WP72G	WP72L	WP72	WP72F			
2' x 8'	WP82G	WP82L	WP82	WP82F			
4' x 6'	WP64G	WP64L	WP64	WP64F			
4' x 7'	WP74G	WP74L	WP74	WP74F			
4' x 8'	WP84G	WP84L	WP84	WP84F			
16' x 6' Wall (2' Wide Panels)	WP6216G	WP6216L	WP6216	WP6216F			
16' x 6' Wall (4' Wide Panels)	WP6416G	WP6416L	WP6416	WP6416F			
16' x 7' Wall (2' Wide Panels)	WP7216G	WP7216L	WP7216	WP7216F			
16' x 7' Wall (4' Wide Panels)	WP7416G	WP7416L	WP7416	WP7416F			
16' x 8' Wall (2' Wide Panels)	WP8216G	WP8216L	WP8216	WP8216F			
16' x 8' Wall (4' Wide Panels)	WP8416G	WP8416L	WP8416	WP8416F			





All Weather Outdoor Padding

Neither snow nor rain nor dark of night...Oh wait, that's the US Postal Service motto, but it also applies to our All Weather Outdoor Padding and you can add heat, humidity, hail, sleet, wind, sunlight, frost and virtually any other common weather term to describe our padding's durability • All Weather Padding features ¾" BC SYP exterior grade plywood, 100% rust-roof stainless steel, brass or aluminum hardware and fittings, 3" thick mildewresistant polyurethane foam and heavy outdoor durable vinyl coverings • 16 sunfast solid color options, full color graphic or lettered options

• Each assembled panel, regardless of size, is vented at the bottom to allow moisture to escape, increasing both functional and aesthetic longevity • Outdoor padding cost is computed by the square foot • Outdoor padding is available in all sizes, styles, custom configuration and colors of our indoor padding.

All Weather padding comes standard with flange style mounting but consult our Bison Padding Specialists to determine if optional **WPZ** "Z" Track Mounting, **WPC** Chain Link (included) or **WPV** Velcro Mounting better fits your specific needs for part or all of your installation.



Outdoor Padding Specifications

Unless otherwise indicated, all outdoor Full-Color Graphic, Two-Color Lettered, and Solid Color vinyl outdoor padding is constructed of 34" FDN CCA treated sourthern yellow pine plywood with adhesive applied 3" anti-microbial urethane foam. Two-color Lettered and Solid-Color styles are covered with fabric-backed flame retardant and mildew- and UV-resistant 30 oz. vinvl with leather grain texture. Full-Color Graphic styles are covered with 14 oz. flame-, mildew-, and UV-resistant vinyl with DuraLam™ protective coating applied over the graphics. All vinyl is tightly stretched around the foam and stapled to the plywood with rust-proof stainless steel staples no less than 2" apart. Mounting styles will vary depending upon specific requirements. Specifications may vary on custom sizes, shapes, and configurations to meet site-specific requirements.









Approximate Bleacher Dimensions 7'8" Two Tier Three Tier To Ti

Portable indoor bleachers provide a mobile solution to seating needs in a wide range of indoor applications and can be used outdoors when required... When in use, Easy Store bleachers rest on non-marking rubber feet • Just lift front to tilt bleachers onto stable 3" diameter transport casters • Choose from 7½', 15' or 21' lengths in various heights • Heavy-duty 2" x 10" anodized aluminum seat and foot planks • Fully welded, hot dip galvanized steel structure • Planks have end caps for a finished look without sharp edges • High grade zinc plated hardware • See below for information on powder coated seat

planks • Five-year limited warranty on steel structure, two-year limited warranty on planks.

NEW!

			Seating	Approx. Overall	
Model #	Length	Tiers	Capacity	Dimension	Shipping
BLI0702A	7½'	2	10	2' 2" (h) x 3' (d) x 7½' (l)	Approx.150# Truc
BLI0703A	7½'	3	15	2' 6" (h) x 5' 6" (d) x 7½' (l)	Approx.180# Truck
BLI0704A	7½'	4	20	3' 6" (h) x 7' 8" (d) x 7½' (l)	Approx. 240# Truck
BLI1502A	15'	2	20	2' 2" (h) x 3' (d) x 15' (l)	Approx. 225# Truck
BLI1503A	15'	3	30	2' 6" (h) x 5' 6" (d) x 15' (l)	Approx. 325# Truck
BLI1504A	15'	4	40	3' 6" (h) x 7' 8" (d) x 15' (l)	Approx. 425# Truck
BLI2102A	21'	2	28	2' 2" (h) x 3' (d) x 21' (l)	Approx. 350# Truck
BLI2103A	21'	3	42	2' 6" (h) x 5' 6" (d) x 21' (l)	Approx. 475# Truck

WARNING!

The four tier Bison bleachers shown on this page meet some but not all codes established for bleachers by various agencies. Bison assumes no responsibility for customer selection of bleachers that do not meet local or statewide codes for guard rails, kickboards or other standards.

Increase School Spirit with Team Colors

Powder Coated Aluminum Planks

Show your school colors on Bison's 4', 7½', 15' and 21' benches or bleachers... Simply substitute your choice of royal, scarlet, navy, forest green, black or white planks for standard anodized aluminum seats that are included with Bison aluminum player benches, Weatherbeater bleachers and Easy Store bleachers • Choose any combination of colors for any quantity of seat planks • Each powder coated plank will incur an upcharge based on length • Order BL04SEAT1-XX for 4' planks, BL07SEAT1-XX for 7½' planks, BL15SEAT1-XX for 15' planks and BL21SEAT1-XX for 21' planks • Orders of 25 or more planks can be powder coated in a wider variety of colors (allow six weeks).









FG-Forest BK-Black WT-White Green



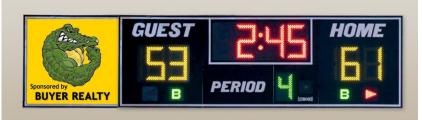
Wall Mounted Basketball Scoreboards

Choose from two popular sizes...100% solid state electronics • Scoreboard package includes a tabletop 110-volt control console and 200' of control cable • Sturdy aluminum extrusion framework • Built-in sponsor or team logo space • Black background finish • 12" red clock digits and 12" yellow score digits • 9" green period digit and bonus possessions • 99:59 clock has 1/10 second countdown under 1:00 and an internal horn • 120 VAC, 1 amp, 60 Hz. power requirement • Unlimited options for full-color graphics for a school or sponsor display • Always consult Bison Construction Specialist to assure proper ordering • One hour of

services by Bison Art Department are provided free of charge • Five-year limited warranty.



SC2000



SC1000



Back Panel Operation



SC900 Portable Wireless Remote Scoreboard

Designed for basketball but can be used for other sports as well... Display includes score, time clock, period, total fouls and foul bonus indicator • LED scoreboard with 4½" high time clock and score displays • Internal buzzer • Includes both a remote control and built-in rear console panel • Total cabinet size 15" (h) x 24" (w) x 10" (d) • 120V AC • One-year limited warranty. Approx. shipping weight: 18#; Sm. Pkg.



Bison now offers popular LED Backboard Alert Systems that mount easily without hardware on all Bison and most other manufacturers' official size 42" x 72" or 48" x 72" glass backboards. Consult a Bison Product Specialist before ordering.

SC2000 Basketball Scoreboard

Overall dimensions: 156" (I) x 60" (h) x 6" (d)...Includes a 48" (W) x 60" (h) sponsor or team logo panel.

Approx. shipping weight: 515#; Truck

SC1000 Basketball Scoreboard

Overall dimensions: 144" (I) x 35" (h) x 6" (d)...Includes a 36" (w) x 35" (h) sponsor or team logo panel.

Approx. shipping weight: 351#; Truck

SC20WR Remote Control Console and Receiver (not shown)

Make installation easier...Optional remote control console and receiver replace tabletop control console and control cable on SC1000 and SC2000 • Five-year limited warranty.

Approx. shipping weight: 2#; Sm. Pkg.





Shot Clocks

These 120V shot clocks have 12" high digits and are integrated with Bison SC2000

and SC1000 scoreboards...Overall cabinet size
24" (w) x 27" (h) ● Order SC450I for shot clocks integrated
with scoreboards ● Order SC450S for standard stand alone
shot clock system ● Order SC20ER for an extra reciever
■ Contact a Bison Product Specialist for shot clock brackets

and details • Sold in pairs. Approx. shipping weight: 40#/pair; Sm. Pkg.



SC600 TimeKeeper Portable Scoreboard

Keep score in remote facilities...Bright, 6" high illuminated numbers ● Will work for many sports ● Bonus and possession display ● Built-in auto horn ● 20,000-hour lamps ● 25' remote console cable ● Control console stores in end of cabinet; total size: 46" x 12" x 6" ● Easy-carry handle ● Aluminum frame ● 110-volt AC power requirement ● Excellent for recreation centers, churches or other multipurpose facilities ● One-year limited warranty. Approx. shipping weight: 27#; Sm. Pkg.



Space saving thin design...Leaves more room for scorekeeper duties ● Bright red illuminated electronic arrows ● 120 volt, 6" power cord 6" (h) x 20" (w) x 2" (d) enclosure

• One-year limited warranty. Approx. shipping weight: 5#; Sm. Pkg.



HOW TO SELECT YOUR NEXT VOLLEYBALL SYSTEM

Special Features

LOGO Option





Centerline and CarbonMax
Easy-to-Read Men's and Women's
Height Indicators



Centerline and CarbonMax Floor Friendly Adjustable Foot



Centerline and CarbonMax
Top Rope Saving Pole Dome



Optional VB123 NetSet™ Net Tensioning Gauge

Bison has the selection to match your program's needs!



VB4000 Centerline® Magic™ Self-Storing Volleyball System

This one of a kind system takes self storing to a new level, no wobbling overhead swing ups, and no 8' deep floor wells.
Centerline Magic is perfect for new construction but can easily be retrofitted into existing gym floors. You'll never have to worry about transporting or storing your volleyball posts again.

US Patent #8,057,329 B2



VB8100JR Arena™ JR Freestanding Portable

Use the same pole system in gyms with floor sockets and on floors without sockets. These innovative base units are compatible with 3", 3½" or 4" Bison posts or any other manufacturer's competition posts. Arena JR will maximize your volleyball equipment investment.



VB1000 Centerline® Elite Aluminum

Division I and premier high school programs that desire the advantages of lightweight aluminum but are concerned about excessive deflection and net tensioning problems common with other aluminum systems are the most common buyers of this system.



VB2000 Centerline® Elite Steel Hybrid

For some programs, set up and tear down is not a common occurrence so the superior rigidity and relative cost advantage of steel makes perfect sense. Despite technical advances in recent years, telescoping steel systems are still the choice of a large number of programs.



VB7777 Centerline® Elite Carbon Hybrid

Even lighter and more rigid than our popular Centerline Aluminum System. Carbon fiber volleyball systems have gained popularity at all levels and this is our most affordable carbon fiber system, offering all the features of the CarbonMax system except for the internal net height winder.



VB7000 CarbonMax®

Elite programs that want a super lightweight, easy to set up system with easy internal winder net height adjustment but are not willing to sacrifice rigidity and superior net tensioning will discover this is the best system on the market today. Carbon fiber is an investment in the latest volleyball technology.



VB3000 Lady CarbonMax™

Lady CarbonMax is the best choice for facilities or programs that play exclusively at official women's height. This system is super lightweight but has the stiffness of a heavy steel system so set up is quick, easy and perfect every time.



VB6000 Match Point™ Aluminum

Designed for high schools on a budget, recreation centers and any facility that wants a lightweight, yet durable power volleyball system will be pleased with this balance of features and affordability. The unique 42" to 96" infinite height adjustment allows competition power volleyball and PE tennis with the same system.



VB9000 UltraLite™ Aluminum

For programs who desire the versatility of easy tennis-to-volleyball net height adjustment and fast and foolproof net set up but demand elite volleyball net tensioning. Especially appealing to programs that have existing 4" floor sleeves because there's no need to install 3" or 3½" adapters.



VB8100 Arena II[™] Freestanding Portable

Large arenas and multi-use facilities where elite level volleyball is played but where floor sockets or anchors are difficult, expensive or impossible due to ice rink refrigerant lines, portable flooring systems, upper floor location or other constraints will find this system their best option.



HOW TO SELECT YOUR NEXT VOLLEYBALL SYSTEM 🗐

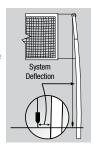


All facilities and programs are not created equal so it's not surprising that the selection of volleyball systems is not a one-style-fits-all proposition. Bison offers the widest range of designs available in the industry, one with features that will be the perfect fit for your program. When it's time to purchase your next volleyball standards, don't make your selection on brand name recognition alone or you may overlook the best system for your site. Consider the following design features and you are sure to have a system you will be satisfied with for years.

Floor Attachment Most programs want the convenience of posts that drop into floor sockets permanently mounted in the floor. Some gymnasiums, such as upper level gyms, facilities with portable floors or ice refrigerant lines in the sub floor, however, are difficult if not impossible to fit with floor sockets. In these cases, portables that only require floor anchors might be preferable. Truly portable systems (no floor anchoring) are available and generally have a higher price tag and/or require significantly more set up effort.

Post Weight In recent years, lightweight aluminum posts have gained popularity due to their ease of set up and storage. Some buyers have, however, become disenchanted with their aluminum systems due to lack of durability and rigidity. The value of lightweight posts will depend upon how often you set up and tear down your equipment and, in the case of many manufacturers, your tolerance for excess post deflection when the net is tensioned. Some aluminum systems outperform those from other manufacturers. The newest technology available uses carbon fiber to achieve lighter than aluminum, as stiff as steel results.

Deflection For ideal playability, the top rope of a competition net is usually tensioned between 150# and 250#, depending on the system. This tension causes some inward deflection of even the most rigid steel posts. Excessive deflection makes net tensioning and net height adjustment difficult and results in unsightly bent posts. Choose a system that you feel balances weight, features and deflection. Steel and carbon fiber posts are most rigid. Aluminum posts are less rigid and deflection varies greatly from manufacturer to manufacturer.



Program Level Your needs will vary depending

upon the intended level of play. Systems with telescoping net height adjustment, where the top of the net is always level with the top of the posts, are most popular with collegiate and elite high school programs. Other systems that offer features like tennis to volleyball height adjustment are common for programs that want to use the same systems for competition power volleyball one day and recreation and physical education classes the next. Generally these systems offer not only versatility but also tight budget affordability.

Post Size If you are installing a new system including floor sockets, the size of the selected posts will automatically match your new sockets. Retrofitting new systems into existing sockets, however, requires purchasing posts to match your sockets. There are three competition sizes in the industry: 3", 31/2" and 4" (100mm). Most manufacturers offer adapters which allow you to put smaller posts into bigger sockets. Some are free, others are an additional cost. Installation of large posts in small sockets is possible but not ideal. Check with the manufacturer before you buy. Totally replacing existing sockets is an undesirable and expensive option in most cases.

Transport and Storage In a perfect world, you would snap your fingers and your volleyball system would magically appear. While it's not a perfect world, your equipment selection will, in large part, determine your future set up time and efforts. For many programs, Bison's Centerline Magic self-storing system is the answer. If you are selecting from the wide range of other transportable pole systems, consider issues such as pole weight, available storage and transport dollies to make the best decision for your program.

Budget There is a wide range of systems that meet all applicable NCAA, National High School Federation and USVBA rules. Like any equipment, the amount you wish to spend depends upon your budget and the features your program. needs. Generally, you pay more for the convenience of lightweight aluminum. New high tech carbon fiber systems are priced above aluminum but have many additional features including superior resistance to deflection.

Post Padding Most programs want padding to match their school or facility colors. Some manufacturers offer limited colors or charge extra for expanded color options. Adding lettering to the padding is now very popular as it helps increase school spirit and improves the look of your courts. By and large, stick-on vinyl letters are not a good long-term lettering option as they will curl over time. **Most** complete Bison systems ordered offer printed lettering at no extra charge.

Warranty You'll want to know that the manufacturer will stand behind the product in the event of needed repairs or part replacement. Look for written warranties and buy from manufacturers who have a strong reputation for dependable customer service. Most often, the net tensioning winch is the weak link so winch durability usually indicates system durability. Purchasing through a local dealer is not only friendly to the local economy but improves your service when you need help.



	NEW:											
	CarbonMax VB7000	Lady CarbonMax VB3000	Centerline Carbon Hybrid VB7777	Centerline Aluminum VB1000	Centerline Steel Hybrid VB2000	Centerline Magic VB4000	UltraLite Aluminum VB9000	Match Point Aluminum VB6000	Arena II Portable VB8100	Arena JR Portable VB8100JR	Centerline Portable VB2000T	Match Point Portable VB6000T
Post Material	Carbon Fiber	Carbon Fiber	Carbon Fiber	Aluminum	Steel/Aluminum	Aluminum	Aluminum	Aluminum	Steel	Steel	Steel/Aluminum	Aluminum
Post Diameter	3½" above floor	3½" above floor	3½" above floor	3"	3"	N/A	4"	3½"	3"	3"	3"	3½"
Socket Diameter	3"	3"	3"	3"	3"	4½" Integrated	4"	3½"	N/A	3", 3½", 4"	N/A	N/A
Post Weight w/o Winch	32#	19#	27#	34#	61#	N/A	31#	39#	N/A	N/A	N/A	N/A
Post Weight w/Winch	37#	24#	32#	39#	66#	N/A	39#	43#	N/A	N/A	N/A	N/A
Net Height Range (Approx.)	78" to 98"	87" to 89"	72" to 98"	72" to 98"	72" to 98"	42" to 96"	42" to 96"	42" to 96"	80" to 98"	84" to 98"	82" to 98"	72" to 96"
Net Height Adjustment	Internal Lead Screw	Foot Pad Only	Spring Assisted Telescoping	Spring Assisted Telescoping	Spring Assisted Telescoping	Air Cushioned Telescoping	Sliding Track	Slider Bar	Spring Assisted Telescoping	Spring Assisted Telescoping	Spring Assisted Telescoping	Slider Bar
Approx. Deflection*	.98"	1.25"	1.87"	1.97"	1.25"	1.75"	2.50"	2.81"	.50"	1.25"	1.25"	2.75"
Side-by-Side Option Available	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No
Post/Winch Warranty	Lifetime Limited	Lifetime Limited	Lifetime Limited	Lifetime Limited	Lifetime Limited	Lifetime Limited	Lifetime Limited	10-Year Limited	Lifetime Limited	Lifetime Limited	Lifetime Limited	10-Year Limited
Outer Post Finish	Clear Resin	Clear Resin	Clear Resin	Silver Vein Powder Coated	Silver Vein Powder Coated	Hard Anodized	Silver Vein Powder Coated	Silver Vein Powder Coated	Silver Vein Powder Coated	Silver Vein Powder Coated	Silver Vein Powder Coated	Silver Vein Powder Coated
Relative Cost	\$\$\$\$\$	\$\$\$\$	\$\$\$\$	\$\$\$	\$\$	\$\$\$\$	\$\$\$\$	\$	\$\$\$\$\$\$	\$\$\$\$	\$\$\$	\$\$

^{*}Compare to some popular aluminum systems with 3"+ of deflection.





SPECIAL FEATURES

on all **Centerline**® Aluminum, **Carbon Fiber and Steel Systems**





Side-By-Side Three Post System Available



26:1 Worm Gear Winch with Lifetime Warranty



Net Height Locator Pin



Easy-to-Read Men's and Women's Height Indicators



Top Rope Saving Pole Dome



Floor Friendly Adjustable Foot



Velcro Bottom Rope Attachment Strap



Net Rope Safety Covers Included



Aluminum Inner Pole



See page 41

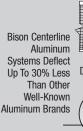
Centerline Elite Telescoping Aluminum Standard

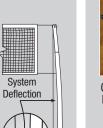
Greater Aluminum Rigidity

Centerline® Custom Extrusions Give



Common Telescoping Aluminum Standard









Ratchet Tensioners



Bottom Rope Ratchet Tensioners



CENTERLINE® ELITE™ ALUMINUM VOLLEYBALL





v VB1000 Centerline Elite Aluminum System

Power volleyball at the highest level demands equipment to match...Centerline Elite Aluminum is used in top collegiate programs across the country and is designed for years of dependable use and quick, easy and bowstring tight set up • Aluminum systems have gained in popularity due to their lightweight handling for installation and removal • With Centerline Elite Aluminum standards, you don't sacrifice rigidity to get lightweight convenience ● These custom extrusions put high strength, lightweight aluminum where it matters most to decrease post deflection as much as 30% over other well-known aluminum systems • Outer pole has durable powder coated finish • Complete competition system includes posts, net tensioning winch, VB1250K net, VB13 antennae, VB51P safety padding (choose from colors shown on page 102), net rope covers and VB23 floor sockets • Free socket adapters on request with purchase of complete system • Order VB73 or VB76 official's platform separately • See note below for 17/8" socket compatibility • Lifetime limited warranty on posts and WINCh. Post weight for non-winch end 34#; winch end 39#. Approx. shipping weight: 145#; Truck.

Complete Systems Include FREE Chain Net Height Gauge, Net Storage Bag plus Lettered Post Padding and Side Tape Covers!

	_		-	
	Centerline	Approx.		Free
	Aluminum	Shipping		Lettering and
	Model Order #	Weight	Description	Side Tapes
V	VB1000	145#, Truck	Complete system described above.	Yes
V	VB1000NS	130#, Truck	Same as VB1000 with exclusion of VB23 floor sockets.	Yes
	VB1002	230#, Truck	Complete side-by-side double court system includes three posts,	Yes
			two net tensioning winches, three VB23 floor sockets, three post	
			pads, two nets, two sets of antennae and rope covers.	
	VB1002NS	210#, Truck	Same system as VB1002 with exclusion of VB23 floor sockets.	Yes
	VB10	95#, Truck	Posts and net tensioning winch only. Order net,	No
			padding, antennae and floor sockets separately.	
	VB100	50#, Truck	Court adder increases the number of side-by-side courts and	No
			includes post and net tensioning winch. Order other components	
			separately. Call for details.	

Common Applications

VB1000

Centerline® Elite Aluminum

Division I and premier high school programs that desire the advantages of lightweight aluminum but are concerned about excessive deflection and net tensioning problems common with other aluminum systems are the most common buyers of this system.

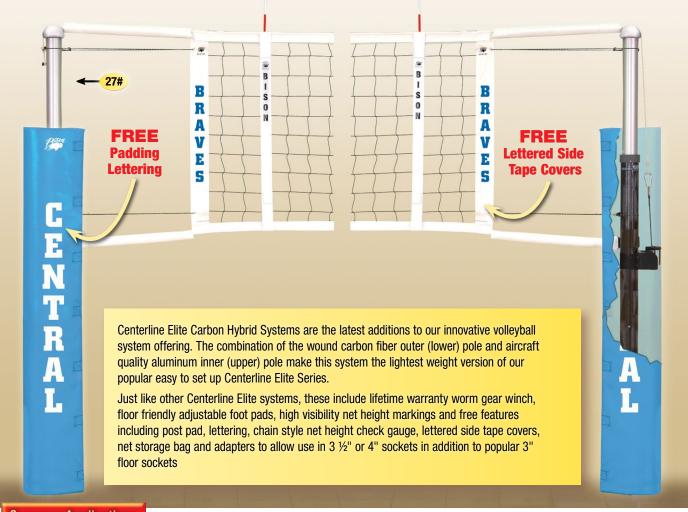
"Steel is great in cars or buildings, but when the University of Arizona volleyball team practices in the Wildcats basketball arena, we got tired of hauling the heavy systems in and out. I'd never considered aluminum systems because of negative comments from other coaches. I am now a firm believer that weight alone is not the measure of a quality volleyball system. While Centerline Elite aluminum standards won't make our team better, it has made our equipment managers happier."

Dave Rubio Head Women's Volleyball Coach, University of Arizona









Common Applications

VB7777 Shown with Free ABC52 Lettering and VB1250ST Side Tape Covers

VB7777

Centerline® Carbon Hybrid

Even lighter and more rigid than our popular Centerline Aluminum System, carbon fiber volleyball systems have gained popularity at all levels and this is our most affordable carbon fiber system, offering all the features of the CarbonMax system except for the internal net height winder.

VB7777 Centerline® Elite Carbon Hybrid

Enjoy the benefits of lightweight carbon fiber technology...at a cost that may surprise you • Same great features found in our popular Centerline series of volleyball systems for elite level play • Net height setting and adjustment is accomplished by three design features • Use pin stops for Men's, Women's and Junior heights • Use the infinitely variable adjustment knob to set at other heights • Use the adjustable floor foot to fine tune height settings to match your floor socket installation depth • Post fits in all brands of 3 floor sockets but can be used in 3½" or 4" sockets • Free socket adapters available on request with purchase of complete system • Complete systems include posts, net, antennae, post padding, net rope covers • Systems also include free padding and side tape cover lettering, chain net height gauge, and net storage bag • See chart below for various packages and individual post components • Order official's stand separately • Post weight on non-winch end 27#, winch end 32#.

Complete Systems Include FREE Chain Net Height Gauge, Net Storage Bag plus Lettered Post Padding and Side Tape Covers!

Centerline Carbon Hybrid Model Order #	Approx. Shipping Weight	Description	Free Lettering and Side Tapes
VB7777	140#, Truck	Complete system described above.	Yes
VB7777NS	130#, Truck	Same as VB7777 above with exclusion of VB23 floor sockets.	Yes
VB7702	210#, Truck	Complete side-by-side double court system includes three posts, two net tensioning winches, three VB23 floor sockets, three post pads, two nets, two sets of antennae and rope covers.	Yes
VB7702NS	195#, Truck	Same system as VB77772 above with exclusion of VB23 floor sockets.	Yes
VB77	85#, Truck	Posts and net tensioning winch only. Order net, padding, antennae, and floor sockets separately.	No
VB777	45#, Truck	Court adder increases the number of side-by-side courts and includes post and net tensioning winch. Order other components separately. Call for details.	No

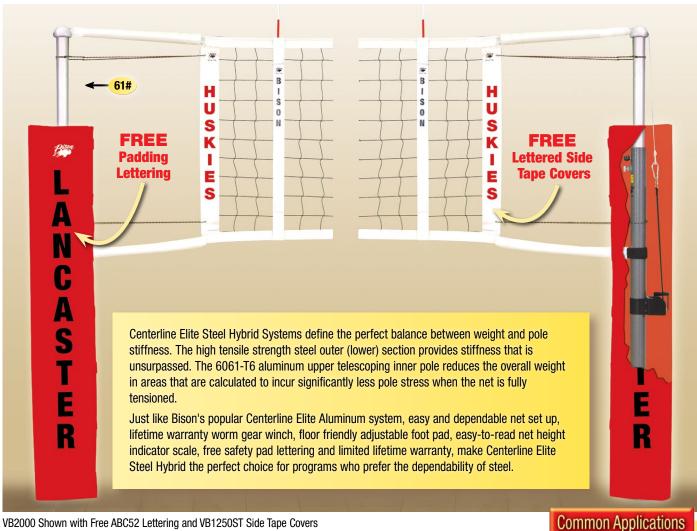


Lighter than Aluminum



CENTERLINE® ELITE™ STEEL HYBRID VOLLEYBALL





VB2000 Shown with Free ABC52 Lettering and VB1250ST Side Tape Covers

VB2000 Centerline® Elite Steel Hybrid

When transport and storage of heavy steel standards is not a concern... Centerline Steel Hybrid is your logical choice

- No material can surpass the rigidity and durability of steel and Bison has put high tensile strength steel where it matters most, the lower section of the pole • Only Bison offers a hybrid system that includes a lighter weight aluminum, inner telescoping pole where the forces of net tensioning don't require heavy steel • Outer pole has a durable powder coated finish
- Complete competition systems including posts, net tensioning winch, VB1250K net, VB13 antennae, VB51P safety padding (choose from colors shown on page 102), net rope covers and VB23 floor sockets • Free socket adapters on request with purchase of complete system • Order VB73 or VB76 officials platform separately • Lifetime limited warranty on posts and winch. Post weight for non winch end 61#; winch end 66#. Approx. shipping weight 220#, Truck

Complete Systems Include FREE Chain Net Height Gauge, Net Storage Bag plus Lettered Post Padding and Side Tape Covers!

Centerline Steel Hybrid	Approx. Shipping		Free Lettering and
Model Order #	Weight	Description	Side Tapes
VB2000	220#, Truck	Complete system described above.	Yes
VB2000NS	205#, Truck	Same as VB2000 with exclusion of VB23 floor sockets.	Yes
VB2002	310#, Truck	Complete side-by-side double court system includes three posts, two net tensioning winches, three VB23 floor sockets, three post pads, two nets, two sets of antennae and rope covers.	Yes
VB2002NS	280#, Truck	Same system as VB2002 with exclusion of VB23 floor sockets.	Yes
VB20	150#, Truck	Posts and net tensioning winch only. Order net, padding, antennae and floor sockets separately.	No
VB200	80#, Truck	Court adder increases the number of side-by-side courts and includes post and net tensioning winch. Order other components separately. Call for details.	No



Order VB73 or VB76 Officials Platform Separately



VB2000

Centerline® Elite

For some programs set up and

systems are still the choice of a large number of programs.

tear down is not a common

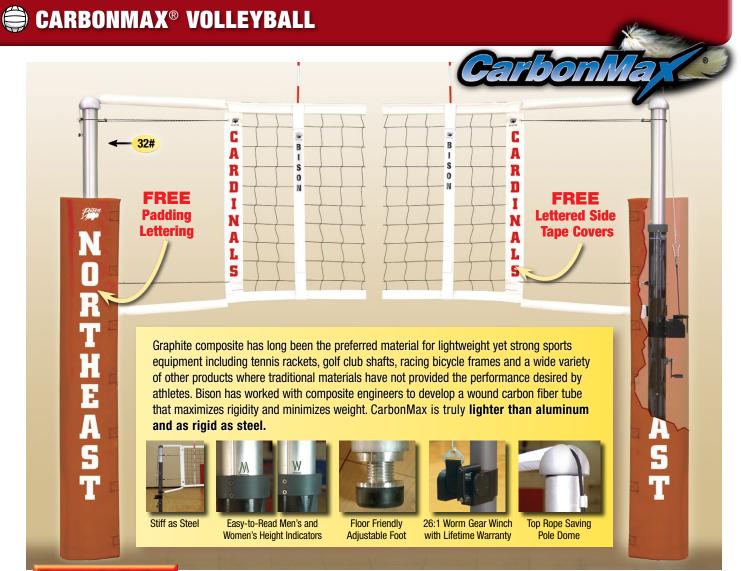
occurrence so the superior

rigidity and relative cost

perfect sense. Despite advances in technology in recent years, telescoping steel

advantage of steel makes

Steel Hybrid



Common Applications

VB7000 Shown with Free ABC52 Lettering and VB1250ST Side Tape Covers

VB7000

CarbonMax® Composite

Elite programs that want a super lightweight, easy to set up system with easy windup net height adjustment but are not willing to sacrifice rigidity and superior net tensioning will discover this is the best system on the market today. Carbon fiber is an investment in the latest volleyball technology.

VB7000 CarbonMax[®] Composite System

Maximum rigidity, maximum convenience, maximum overall performance and maximum satisfaction...Carbon fiber 3½" outer posts with 3" tempered aluminum floor socket stem and inner extension tube for rigidity and durability

• Lighter than aluminum design and windup internal net height adjustment maximize fast, easy and convenient set up and teardown • 26:1 worm gear winch and knotless mesh net with Kevlar top rope maximize net tension performance • 40% less deflection than even Centerline Elite Aluminum Systems, as much as 60% less deflection than popular aluminum systems from other manufacturers • Internal net height adjuster has a durable ¾" diameter lead screw for easy net height adjustment even when the net is tensioned • Safety padding includes lettering (up to 10 letters on all four sides) • See page 102 for color options



Lighter than Aluminum

 Adapters for installation into existing 3½" or 4" floor sockets are free on request with purchase of complete system • Other features include premium Centerline antennae, net rope covers and 78" to 98" net height adjustment for all levels of play • Entire system meets NCAA, National High School Federation and USVBA rules • Order VB73 or VB76 padded official's stand separately • Complete competition system includes posts, net tensioning winch, VB1250K net, net storage bag, VB13 antennae, VB51P safety padding (choose from 16 colors shown on page 102), padding lettering, net rope covers, VB23 floor sockets • Lifetime limited warranty on posts and winch. Post weight for non-winch end 32#; winch end 37#. Approx. shipping weight: 150#; Truck

Complete Systems Include FREE Chain Net Height Gauge, Net Storage Bag plus Lettered Post Padding and Side Tape Covers!

other components separately. Call for details.

"Our Division I program is a perennial National Championship Free Approx. contender, and we work hard to provide our players with superior CarbonMax Lettering and Shipping equipment. As a longtime user of Bison Centerline Elite Aluminum Model Order # Weight Description **Side Tapes** Systems, we thought we had the best...that was until we discovered **VB7000** 150#. Truck Complete system described above. Yes CarbonMax. Our equipment manager loves the lightweight design 130# Truck **VB7000NS** Same as VB7000 with exclusion of VB23 floor sockets Yes that doesn't compromise on rigidity. The ability to adjust the net VB7002 230#. Truck Complete side-by-side double court system includes three posts Yes height with the turn of a crank without loosening two net tensioning winches, three VB23 floor sockets, three post pads, two nets, two sets of antennae and rope covers. the net is an added bonus." **VB7002NS** 210#, Truck Same system as VB7002 with exclusion of VB23 floor sockets. Yes John Cook Head Women's Volleyball Coach **VB70** 95#, Truck Posts and net tensioning winch only. Order net, Nο padding, antennae and floor sockets separately. University of Nebraska **VB700** 50# Truck Court adder increases the number of side-by-side courts No 2006 NCAA Division I Champions and includes post and net tensioning winch. Order



VB3000 Shown with Free ABC52 Lettering on NEW VB51P-PK Post Padding and VB1250ST Side Tape Covers

VB3000 Lady CarbonMax® Composite System

Light as a feather yet performance that equals that of heavy steel systems...Set up is fast, easy and perfect every time, no need for net height gauges because this system is designed specifically for set up at official 7' 41/8" (2.24 meters) women's height only • The below-the-floor fine tuning height adjustment features allow Lady CarbonMax to be field adjusted when the system is first installed • Fits in any brand of 3" or larger floor socket • If your existing sockets are 3½" or 4", Bison will provide socket adapters at no extra charge on request with purchase of complete system • The 3½" high tech carbon fiber pole is fitted with a 3" tempered aluminum floor socket stem • Even at 19# (non-winch end), the post rigidity far exceeds any aluminum system on the market and equals that of steel posts that weigh as much as 60# • 26:1 lifetime warranty worm gear winch, Kevlar top rope net and unique rope ratchet side tape tensioners create the net tension preferred by elite players and coaches • Safety padding includes lettering (up to 10 letters on all 4 sides), see page 102 for color options • Complete package includes standards, winch, VB1250K Kevlar net, net storage bag, VB13 antennae, safety padding, padding lettering, net rope covers and VB23 floor sockets • Entire system meets all NCAA, National High School Federation and USVBA rules • Order VB73 or VB76 official's stand separately • Lifetime limited warranty on posts and winch. Post weight for non-winch end 19#; winch end 24#. Approx. shipping weight 120#; Truck

Complete Systems Include FREE Chain Net Height Gauge, Net Storage Bag plus Lettered Post Padding and Side Tape Covers!

Lady CarbonMax Model Order #	Approx. Shipping Weight	Description	Free Lettering and Side Tapes
VB3000	120#, Truck	Complete system described above.	Yes
VB3000NS	105#, Truck	Same as VB3000 with exclusion of VB23 floor sockets.	Yes
VB3002	195#, Truck	Complete side-by-side double court system includes three posts, two net tensioning winches, three VB23 floor sockets, three post pads, two nets, two sets of antennae and rope covers.	Yes
VB3002NS	175#, Truck	Same system as VB3002 with exclusion of VB23 floor sockets.	Yes
VB30	65#, Truck	Posts and net tensioning winch only. Order net, padding, antennae and floor sockets separately.	No
VB300	40#, Truck	Court adder increases the number of side-by-side courts and includes post andnet tensioning winch. Order other components separately. Call for details.	No

Common Applications

VB3000 Lady CarbonMax®

Composite

Lady CarbonMax is the best choice for facilities or programs that play exclusively at official women's height. This system is super lightweight but has the stiffness of a heavy steel system so set up is quick, easy and perfect every time.

"Our volleyball coach loves Bison's Lady CarbonMax composite volleyball system. We've used this system for a few seasons now and are pleased with its trouble-free performance. The standards are very easy to set up, they're lightweight and dependable."

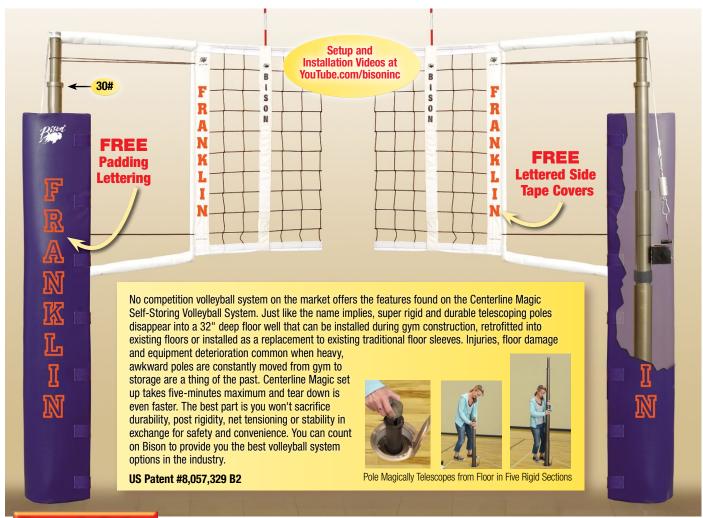
Bill Clements Activities Director

Dakota Valley High School North Sioux City, SD





(♣) CENTERLINE® MAGIC™ SELF-STORING VOLLEYBALL



Common Applications

VB4000 Shown with Free ABC52 Lettering and VB1250ST Side Tape Covers

VB4000 Centerline® Magic™

This one of a kind system takes self-storing to a new level, no wobbling overhead swing ups, and no 8' deep floor wells. Centerline Magic is perfect for new construction but can easily be retrofitted into existing gym floors. You'll never have to worry about transporting or storing your volleyball posts again.

VB4000 Centerline® Magic™ Self-Storing Volleyball System

Now you see it...Now you don't...Never hassle with hauling heavy, awkward or bulky volleyball posts to and from your gym again • Centerline Magic is self-storing in a self-contained 32" deep floor well • 5 high tensile, hard coated aluminum telescoping tubes lift easily from the floor sleeve • When extended for setup, each tubular section twists to lock into place • When lowered into well for storage, sectional tubes slowly recede into the tube below due to a patent pending air cushioning design to eliminate pinched finger or sudden pole retraction • Net height is infinitely adjustable to any net height from 42" to 96" for competition at collegiate or high school men's or women's level one minute and youth PE class the next • Complete Magic system includes telescoping self-storing poles with floor well (sleeve), VB23-CV brass floating floor plates, VB1250K net with zippered net storage bag, VB13 antennae/boundary markers, post padding (choose from colors shown on page 102), free pad lettering and net side tape lettering, net height chain gauge and lifetime warranty 26:1 worm gear winch . Centerline Magic meets or exceeds all NCAA, National High School Federation and USVBA rules for play at all levels • Order VB73 or VB76 padded officials stand separately





• Lifetime limited warranty on posts and winch. Approx. shipping weight: 125#; Sm. Pkg.

Complete Systems Include FREE Chain Net Height Gauge, Net Storage Bag plus Lettered Post Padding and Side Tape Covers!

Centerline Magic Model Order #	Approx. Shipping Weight	Description	Free Lettering and Side Tapes
VB4000	125#, Truck	Complete system described above.	Yes
VB4002	185#, Truck	Complete side-by-side double court system includes three posts, two net tensioning winches, three VB23-CV brass floor plates, three post pads, two nets, two sets of antennae and rope covers.	Yes
VB40	100#, Truck	Posts and net tensioning winch only. Order net, padding, antennae and VB23-CV brass floor plates separately.	No
VB400	50#, Truck	Court adder increases the number of side-by-side courts and includes post and net tensioning winch. Order other components separately. Call for details.	No

"The storage room for our volleyball equipment was located on the second floor above the gym. I always held my breath as my players carried heavy poles up and down the steep stairs before and after each practice. So much time was wasted setting up and taking down. Bison self-storing poles are ingenious! It literally takes only minutes to set up the nets. They are designed for optimum performance

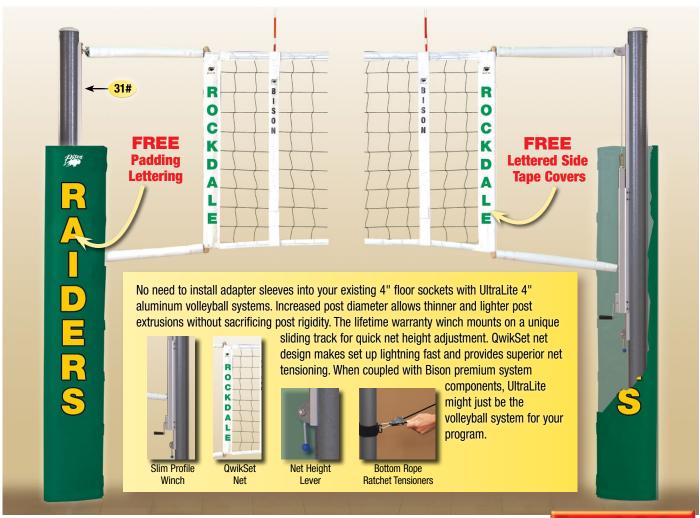
and safety. I have used four different manufacturers' volleyball systems during my eight years of coaching club and high school, and it has been a relief to use the Magic volleyball system!"

Lynette Gustafson Volleyball Coach Woodland Park, CO



ULTRALITE™ ALUMINUM VOLLEYBALL





VP9000 Shown with Free ABC52 Lettering and VB1250ST Side Tape Covers Plus Optional ABC53 Second Color Lettering

VB9000 UltraLite Aluminum System

New from Bison but not new to the industry...Popular, super lightweight 4" diameter posts fit all manufacturers' 4" diameter floor sleeves so there is no need to use adapter sleeves • Lifetime warranty on posts and winch proves this is a durable, functional system with a long life • The slimline, high tech, self-lubricating lead screw winch allows maximum tension with minimum effort • QwikSet net attachment system has no loose parts so it sets up consistently in less than five minutes • Net height is variable by a simple flip of a lever, allowing the slide rail to adjust net height from 96" to 42" and every height in between for all levels of volleyball play, badminton, tennis or pickle ball • Set up at tennis height (42") requires special attachment components, call a Bison Product Specialist for details, free components and instructions • Durable powder coated finish • Choose complete system with all components or order components separately • Complete system includes two standards, winch, post padding (choose from colors shown on page 102), net, antennas, net rope covers, net storage bag, padding lettering and VB27 floor sockets • Order VB73 or VB76 volleyball official's platform separately • See chart for ordering information. Post weight for non-winch end 31#; winch end 39#. Approx. shipping weight: 130#; Truck

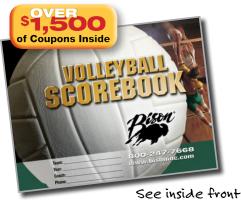
Common Applications

VB9000

UltraLite™ Aluminum

For programs who desire the versatility of easy tennis-to-volleyball net height adjustment and fast and foolproof net set up but demand elite volleyball net tensioning. Especially appealing to programs that have existing 4" floor sleeves because there's no need to install 3" or 3½" adapters.

Complete Systems Include FREE Chain Net Height Gauge, Net Storage Bag plus Lettered Post Padding and Side Tape Covers!

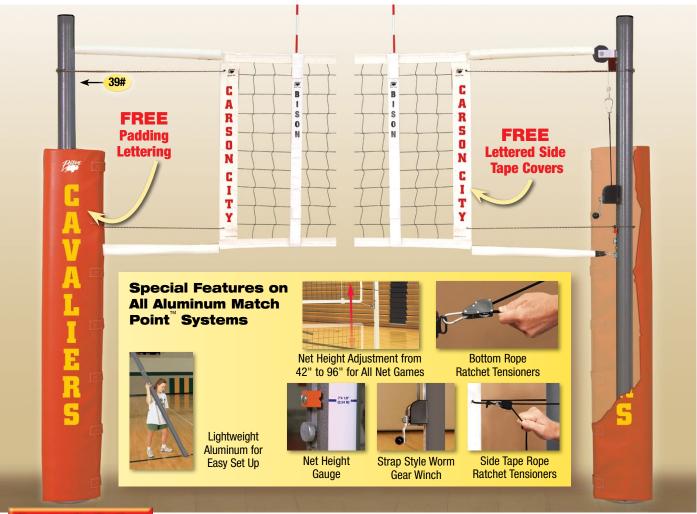


cover for details.

UltraLite Model Order #	Approx. Shipping Weight	Description	Free Lettering and Side Tapes
VB9000	130#, Truck	Complete system described above.	Yes
VB9000NS	115#, Truck	Same as VB9000 with exclusion of VB27 floor sockets.	Yes
VB9002	210#, Truck	Complete side-by-side double court system including three posts, two winches, two nets, three post pads, three floor sockets, two sets of antennas and rope covers.	Yes
VB9002NS	190#, Truck	Same system as VB9002 with exclusion of VB27 floor sockets.	Yes
VB90	75#, Truck	Posts and net tensioning winch only. Order net, padding, antennae and floor sockets separately.	No
VB900	50#, Truck	Court adder increases the number of side-by-side courts and includes post and net tensioning winch. Order other components separately. Call for details.	No



■ MATCH POINT™ VOLLEYBALL



Common Applications

VB6000 Shown with Free ABC52 Lettering and VB1250ST Side Tape Covers

VB6000 Match Point™ Aluminum

High schools on a budget, recreation centers and any facility that wants a lightweight, yet durable power volleyball system will be pleased with this balance of features and affordability. The unique 42" to 96" infinite height adjustment allows competition power volleyball and PE tennis with the same system.

VB6000 Match Point Aluminum System

Maximum versatility, maximum value, maximum convenience, lightweight, yet rigid aluminum... Standards are specially designed, heavy wall aluminum extrusions • Order packages complete with net, post padding and boundary antennae or order components separately
• Superior net tensioning for the ball rebound preferred by players and coaches • Backlash-free worm gear top rope tensioner • Easy-to read height indicators on both posts • Adjust net height from 42" to 96" for all levels of competition volleyball play plus tennis, badminton, pickleball and other net games • Choose complete package including floor sockets and hinged brass floor plates for new construction or package without sockets to replace system in existing 3½" or 4" sockets • Bison will provide, at no cost, adapters for installation of these 3½" standards in 4" existing sockets, call for assistance • Meets all NCAA, USVBA and National High School Federation rules • Durable powder coated finish • 1" thick post padding protects to 6' height, see page 102 for color options • Order VB76 padded official's stand separately • Complete competition system includes posts, net tensioning winch, VB1250K net, VB13 antennae, VB51P safety padding and VB26 floor sockets • Free socket adapters on request with purchase of complete system • 10-year limited warranty on posts and winch. Post weight for non-winch end 39#; winch end 43#. Approx. shipping weight: 170#; Truck

Complete Systems Include FREE Chain Net Height Gauge, Net Storage Bag plus Lettered Post Padding and Side Tape Covers!

Match Point Aluminum Model Order #	Approx. Shipping Weight	Description	
VB6000	170#, Truck	Complete system described above.	Yes
VB6000NS	155#, Truck	Same as VB6000 with exclusion of VB26 floor sockets.	Yes
VB6050	145#, Truck	Recreational system includes posts, net tensioning winch, VB1250K net and VB21 economy floor sockets for tile, concrete or synthetic floors. VB26 floating wood floor sockets available at additional cost.	No
VB6050NS	125#, Truck	Same system as VB6050 except excludes floor sockets.	No
VB6002	280#, Truck	Complete side-by-side double court system includes three posts, two net tensioning winches, three VB26 floor sockets, three post pads, two nets and two sets of antennae.	
VB6002NS	260#, Truck	Same system as VB6002 with exclusion of floor sockets.	Yes
VB60	110#, Truck	Posts and net tensioning winch only. Order net, padding, antennae and floor sockets separately.	
VB600	60#, Truck	Court adder increases the number of side-by-side courts and includes post and net tensioning winch. Order other components separately. Call for details.	No



ARENA™ II FREESTANDING PORTABLE VOLLEYBALL (♣)





Until now, facilities where floor sockets or floor anchor systems were difficult, inconvenient or truly impossible to install had limited options when it came to selecting volleyball systems suitable for elite power volleyball.

Unlike other portable units on the market, Arena II needs absolutely no floor anchors and no bulky, heavy, awkward, loose ballasts and extended framework. Unlike ceiling mount swing down systems, there is no custom design, extended delivery, expensive installation or difficult net height adjustment. Arena II is totally self-contained, with built-in ballast that allows superior net tensioning and a 100% guarantee not to slip or slide on any common volleyball court flooring system including permanent or portable maple athletic flooring. synthetic floor systems or any quality clip together tile system, including but not limited to Sports Court®, ActiveCourt®, Spider Tile® or Mateflex®.

Any facility regardless of size will value the convenience of these hassle-free, super stable, totally freestanding volleyball standards.



Totally Self-Contained for Easy Transport and Storage



Down Official's End with Optional ABC50 Oversized Logo

VB8100LOW Arena™ II Badminton/ **Tennis Adapter Kit**

Allows Arena II freestanding standards to be used for recreational tennis or badminton • Order nets separately.



VB8102 Shown with Optional ABC50 Oversized Logo

VB8100 Arena" II Freestanding Portable Volleyball System

No sockets, no problem... Arena II makes life easier • Start-to-finish set up in 15 minutes without tools, floor anchors, guy wires or moving heavy ballasts • Built-in swing-up official's stand • 8" diameter, 2" wide floor-friendly urethane wheels • Safe, attractive and minimally obtrusive padding system available in colors shown on page 102 • Totally padded base size

40" (w) x 47" (l) when in play • Superior net tensioning with lifetime warranty 26:1 backlash free worm gear winch • Pin lock net height adjustability including junior and official men's and women's heights • Transport and storage without removal of padding • Premium Kevlar top rope net • Add lettering to padding at no extra charge (see ABC52) or add logo on side panel padding at an additional cost (ABC50) • Arena II meets all NCAA, National High School Federation and USVBA standards

• System includes two bases with posts, built-in official's stand, VB1250K net and storage bag, VB13 antennae, net rope covers, chain net height gauge and complete padding system • Lifetime limited warranty on posts and winch. Approx. shipping weight: 3200#; Truck

Complete Systems Include FREE Chain Net Height Gauge, Net Storage Bag plus Lettered Post Padding and Side Tape Covers!

1101	not otorage bug plus Lettered 1 ost 1 dading and olde labe oovers.						
Arena II Model #	Approx. Shipping Weight	Description	Free Lettering and Side Tapes				
VB8100	3200#, Truck	Complete system including one each of internally ballasted "down official" and "platform" end bases, full padding system, net, antennae, boundary markers, lettered side tapes, base pad lettering, net rope covers and net height gauge.	Yes				
VB8102	3900#, Truck	Complete side-by-side, 2 court Arena II system including one each of internally ballasted "down official" and "platform" end bases, full padding system, VB810 padded center post with winch, center post transport dolly, 2 nets, 2 pair of antennae, 2 sets of boundary markers, base pad lettering, lettered side tapes, net rope covers and net height gauge.	Yes				
VB8102DJ	4000#, Truck	Same as VB8102 above except both end bases have built-in officials' platforms.	Yes				
VB810	600#, Truck	Arena II center post and winch with transport dolly. Add any number of side-by-side courts to VB8100, VB8102 or VB8102DJ. Order VB810P center post padding, nets, boundary markers and antennae separately.	No				

Common Applications

VB8100 Arena™ II Portable Freestanding

Large arenas and multi-use facilities or upper floor gyms where elite level volleyball is played but where floor sockets or anchors are difficult, expensive or impossible due to ice rink refrigerant lines, portable flooring system, upper floor location or other constraints will find this system their best option.

"We've used the Bison Centerline Aluminum Volleyball System for years in our program and have loved it. A major facility renovation forced us to move to temporary quarters for a season and we faced the dilemma of using a portable floor in a facility with no floor sleeves. Bison's Arena II Volleyball System

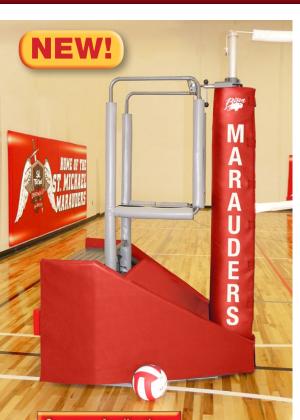
worked perfectly for us. It provided us the free standing portability needed without sacrificing net rigidity, ease of set up, player safety or overall quality. And, it looks AWESOME!"

Debbie Brown Head Volleyball Coach University of Notre Dame





ARENA™ JR PORTABLE CONVERTIBLE VOLLEYBALL



Common Applications VB8100JR VB8100JR

VB80JR

Arena™ JR **Freestanding Portable**

When you want or need a freestanding portable system but also want to use new or your existing posts in additional locations with existing floor sockets.

Shown with Optional VB73 Official's Stand and Free ABC52 Lettering

Arena JR Freestanding Portable

Volleyball System
The same 3", 3 1/2" or 4" volleyball poles that you use in existing or new gym floor sleeves... Now can be used to create a 100% freestanding portable volleyball system that can be used on any floor, without sockets, loose ballast, floor anchors or guy wires • Arena JR bases are fully padded in your choice of colors shown on page 102 and can easily be transported to and from storage with the transport dolly provided • Just lift the poles from the Arena JR base to use poles inserted into floor sockets in other gyms (see note below) • Order VB8100JR to get complete system including bases, base padding, VB20 Centerline Hybrid 3" posts, post padding, net, antennae, boundary markers, lettered side tapes, pad lettering, net storage bag, net rope covers and net height gauge • If you wish to use your existing 3", 3 ½" or 4" posts (any brand) and your own net, post padding, etc., order VB80JR for one pair of Arena JR bases with base padding • To create your own Arena JR system by purchasing Bison volleyball components separately, consult a Bison Product Specialist • Order VB73 separately for compatible padded officials platform • Can also be used with VB810 and VB810P Arena II Court Adder to create 2, 3 or more side-by-side volleyball net systems.

NOTE: If you intend to use new posts ordered with Arena JR system exclusively with Arena JR bases and NOT also in typical floor sockets, substitute shortened **VB20T** posts for full length posts.

VB8100JR Complete Arena™ JR Portable System

Approx. shipping weight: 2750#/each; Truck

VB80JR Arena™ JR Bases and Base Padding Only

Approx. shipping weight: 2500#/pair; Truck



Transport Dolly



Tip for Easy Transport

Complete Systems Include FREE Chain Net Height Gauge. **Net Storage Bag plus Lettered Post Padding and Side Tape Covers!**

Arena JR Model #	Approx. Shipping Weight	Description	Free Lettering
VB8100JR	2750#/pair; Truck	Complete Arena JR System including two end bases, posts (one with winch), net, antennae and boundary markers and base transport dolly.	Yes
VB8102JR	3500#/each; Truck	Complete Side-by-Side Arena JR System including two end bases, one center base, two nets, two pairs of antennae and boundary markers, three posts (two with winches) and transport dolly.	Yes
VB80JR	2500#/pair; Truck	One pair of Arena JR weighted bases with base padding system only. Customer supplies posts, post padding, net and antennae.	No
VB810JR	600#/each; Truck	Arena JR center post base, post and winch. Add any number of side-by-side courts to VB8100JR. Order VB810P center post padding, nets, boundary markers and antennae separately.	No

COURT ADDER FOR ARENA™ II AND ARENA™ JR VOLLEYBALL SYSTEMS





VB810 Arena™ Court Adder

Want more side-by-side courts?...Order as many Arena Court Adder center posts as you wish • Each court adder includes base, pole, net tensioning winch and transport dolly • Order net, antennae and VB810P padding system (specify color) separately • Only for use as center post on Arena II and Arena Jr Volleyball Systems • Lifetime limited warranty on post and winch • Order VB810P for complete Arena Court Adder padding • Order VB810BASE for base only • Order VB810BP for base padding only. VB810 Approx. shipping weight: 600#/each; Truck. VB810P Approx. shipping weight: 40#; Truck. VB810BP Approx. shipping weight: 550#; Truck.



WARNING!

Arena II center posts are designed exclusively for use between two Arena II freestanding bases (VB8100). Use as end posts for any net system may result in serious injury caused by tipover.





Centerline and Match Point Portable Volleyball Systems
When floor sockets are not an option...Bison T-bases to the rescue • Popular

standard Centerline Steel Hybrid and Match Point Aluminum Volleyball Systems can be permanently or temporarily mounted into easy-to-transport and store T-bases allowing use of easier-to-install threaded floor anchors . Both systems have all the features of their in-floor socket-style counterparts shown on previous catalog pages including superior net tensioning, easy net height adjustment, durable winch and pole combination and silver gray powder coated finish • Bases have floor friendly transport wheels and easy-to-operate hold down knobs • Each system includes: T-Bases, Centerline or Match Point poles with winch, base and pole safety padding (see page 102 for color options), competition net, net storage bag, net rope covers, four VB25FL floor anchors, antennae and free padding lettering (4 sides) • Consult a Bison Product Specialist if your floor is not a common floating maple design • Order VB76 official's platform separately.

VB2000T Centerline™ Steel Hybrid Portable

Lifetime limited warranty on pole, winch and base. Approx. shipping weight: 300#; Truck

VB6000T Match Point Aluminum Portable

10-year limited warranty on pole, winch and base. Approx. shipping weight: 250#: Truck

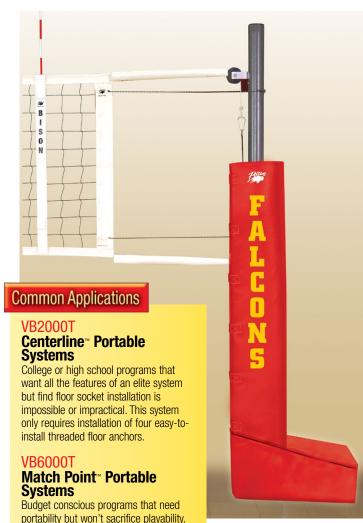
Complete Systems Include FREE Chain Net Height Gauge, Net Storage Bag plus Lettered Post Padding and Side Tape Covers!



VBTBASE T-Base Adapter

Convert virtually any 3", 31/2" or 4" volleyball standards into a portable system...Without sacrificing net tensioning • Purchase separately or in complete systems VB2000T or VB6000T above • Eliminates the need to install costly and sometimes impractical or impossible floor sockets

for traditional posts • Order four Bison floor anchors separately (VB25, VB25FL or VB25TF) based on gym flooring system • Features heavy steel construction, floor friendly transport wheels, easy-to-use, built-in floor attachment knobs and durable powder coated finish • If ordered separately, customer will need to order two VB354 sleeve adapters for any 3½" pole system or two VB340 sleeve adapters for any 3" pole system. Approx. shipping weight: 30#/each; Sm. Pkg.







SVB5050W Match Point Post or Wall Mounted Volleyball System

typical in-floor systems.

Floor anchors are easier and less costly

to install than floor sleeves required on

All the features of Bison's popular Match Point systems on a convenient track system...Track system mounts to customer's supplied posts, walls or any surface strong enough to support desired net tensioning • Net can be infinitely adjusted from 42" (tennis) to 96" (men's volleyball) net height • System includes VB1250K competition volleyball net, net tensioning winch, net storage bag and net cable covers • Order VB13 boundary antennae separately • Tracks must be mounted between 34' and 40' apart to be compatible with net provided • With customer supplied net rope extension tracks could be mounted wider but net might sag or require additional supports to maintain net height • Five-year limited warranty on track and winch. Approx. shipping weight: 75#; Sm. Pkg. Ships Oversize



SAND AND OUTDOOR VOLLEYBALL

Adjusts to Mens', Womens' and Junior Heights Lock Pin **Height Setting** Centerline[®] SVB1000 Aluminum Pole Lifetime Warranty Winch Removable TwistLock Stainless Steel Socket Twist 120° to Install or Remove

SVB1000 Centerline® Elite Sand Volleyball System

You supply the sand...Bison will supply the rest • You won't need to sacrifice ease of setup, safety or net tensioning with Bison's Centerline Elite Sand Volleyball Systems • Bison's exclusive TwistLock removable stainless steel sand sockets not only allow easy removal of posts when not in use but also eliminate the problem of sand or water filling the socket . Centerline Sand Volleyball posts have all the great features that have made Centerline Elite a standard in the industry plus special features for outdoor and indoor sand court use including stainless steel hardware and other weather and sand proofing features • See page 40 for highlights of Centerline Elite premium design features • As an added bonus, the same 3" Centerline posts can be used indoors on your hardwood floor court and outdoors without modifications for maximum equipment utilization • Complete system includes special Centerline 3" sand aluminum posts, lifetime warranty net tensioning winch, competition TwistLock stainless steel sockets, player safety padding (see page 102 for color options), competition Kevlar top rope net, antennae, net and antennae storage bag, net rope cover and net height indicator • You'll also get FREE post pad lettering on all complete system orders • Order SVB73 Sand Volleyball Officials Stand and boundary kit separately . Systems meet all applicable high school and college rules. Approx. shipping weight: 300#; Truck

SVB1002 Centerline Side-by-Side Double Court Sand Volleyball Systems

Need two courts but want to save money?...Bison side-byside courts are the answer • Three posts, two net tensioning winches, three TwistLock sand ground sockets, two nets, two antennae and post padding are all included in this complete package • As an added bonus, free pad lettering on the outside end posts, free net and antennae storage bag and free net chain net height indicator makes this a truly complete package. Approx. shipping weight: 425#; Truck

SVB100 Centerline Sand Volleyball Court Adder

Need even more side-by-side courts?...Purchase one court adder plus additional VB1250K nets, VB510P post padding, VB13 antennae/boundary markers and SVB23 sand ground sockets to string as many courts together as desired . Each SVB100 includes one Centerline Elite Sand Volleyball post and lifetime warranty net tensioning winch. Approx. shipping weight: 50#/each; Truck

> SVB23 and SVB27 TwistLock[™] Sand Volleyball Sockets

Now you see it... Now you don't • Unique twist lock design

allows the socket to be installed or removed from a permanent concrete base foundation in a matter of seconds . No more water or sand filled sockets or sockets that protrude above the sand • These stainless steel sockets will not rust even if left installed year round. The unique concrete foundation with imbedded base plate design has a leveling feature to allow precise post leveling and eliminate installation errors

 TwistLock sockets come standard with Centerline Elite single and side-by-side systems but can be ordered separately

to use with any 3" Bison or other indoor competition volleyball systems for maximum utilization of existing equipment . Order SVB27 for TwistLock 4" Sand Volleyball Sockets available for Bison VB9000 UltraLite or other manufacturers

4" systems. Order VB354 to allow installation of 31/2" volleyball posts in SVB27 4" sockets.

Approx. shipping weight: 50#/each; Sm. Pkg.

SVB26 **Boundary Kit**

Bright orange 1/4" rope with excellent outdoor durability...Includes storage reel and corner stakes . Can be used on grass or sand. Shipping Weight: 4#; Small Package



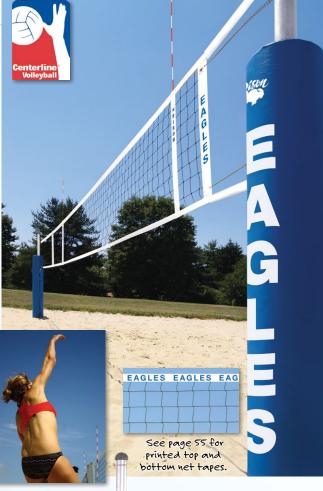
Perfect for sand courts...Same great features as our indoor Clamp-On Officials Platform but with special sand skids instead of wheels to avoid sinking into the sand · Includes gray padding system conforming

to all NCAA, National High School Federation and USVBA rules . Substitute padding in black, maroon, navy, royal or scarlet at an additional cost . Five-year limited warranty on stand. Approx. shipping weight:90#/each; Truck



SVB28 Premium Sand Boundary Kit

Kit comes complete with 1/2" yellow rope spliced into a continuous loop to mark the outer boundary of an official sand volleyball court...Includes galvanized ground anchors that screw below the playing surface for maximum player safety . Two-year limited warranty. Approx. shipping weight: 26#; Sm. Pkg.





24" Diameter x 30" Deep Concrete Footing



A

D

Y

I

T

A

N

5



Permanent

Twist Lock

Foundation





SVB5000 Shown with Optional ABC52 Lettering

SVB5000 Match Point Competition **Outdoor Volleyball System**

Sand volleyball can now be played at the same level as on the hardwood court...Rugged system designed for California-style power volleyball • 3½" posts are galvanized and powder coated for maximum rust resistance • Net is infinitely adjustable to insure exact net height for competition or recreational volleyball • Tightens with the same mechanism found on our Match Point competition systems • Includes post padding, net and antennae • Optional padding lettering or logo available for team or sponsor recognition (ABC51, ABC52 and ABC53) • Install permanently in concrete or using optional SVB210 ground sleeves • Five-year limited warranty. Approx. shipping weight: 260#; Truck

SVB5050 Outdoor Volleyball System

Same system as SVB5000 except without antennae and padding... Five-year limited warranty. Approx. shipping weight: 225#; Truck

SVB500 Court Adder for SVB5000 or SVB5050

Designed for adding additional courts with a single post...Includes post, net tensioning and adjustment mechanism • Other components sold separately • One SVB500 adds one side-by-side court, order multiple SVB500s to add more courts • Five-year limited warranty. Approx. shipping weight: 115#; Truck

Model SVB50	00 Components	Warranty
SVB50	Competition Outdoor Volleyball Standards	Five-Year Limited
VB1250K	Competition Net	One-Year Limited
VB13	Sideline Antennae	90-Day Limited
VB51P	Post Padding - 16 Colors	90-Day Limited Outdoor

SVB210 **Ground Sleeve** (not shown)

For removable installation of SVB5000, SVB5050 or SVB500...This steel sleeve, buried in concrete, allows for easy removal of posts when not in use • When installed according to instructions, the top of the sleeve is approximately 6" below the top of the sand, so sand can be used for other activities • Durable molded plastic cap keeps sand out • Each system requires two sleeves. Approx. shipping weight: 35#/each; Sm. Pkg.



SVB2000A Aluminum Recreational Volleyball System

The perfect volleyball system for playing in the sand or grass whenever the goal is fun...

Recreational leagues, beach resorts, campgrounds, playgrounds, parks, school yards, any place where a group gathers to play volleyball • 3½" diameter aluminum extruded posts permanently install in a 30" deep x 8" diameter concrete footing or can be installed using VB21 ground sleeve (optional) to allow easy removal of the poles when not in use • Rigid, lightweight aluminum is 100% rust-proof • Net is infinitely adjustable from men's competition volleyball height, 7¹ 115/8", to as low as 42" tennis height • Poles are capped to keep out moisture • Crankless net tightening • Powder coated finish • Includes net with fluorescent top tape and all necessary hardware • Two-year limited warranty on standards. Approx. shipping weight: 110#; Truck



SVB08 Recreational Volleyball Net Official size 32' x 36" nylon net with

fluorescent top tape for maximum visibility...Nylon top rope • Black webbing . Fits SVB2000A and VB0050 Bison systems and most net games • Weather-resistant • 90-day limited warranty. Approx. shipping weight: 3#;



VB21 3½" Round Ground Sleeve

These aluminum ground sleeves allow removal of your SVB2000A aluminum volleyball system...Sleeves mount permanently in a 30" deep x 10" diameter hole filled with concrete • Cap keeps out rain, snow and dirt • SVB2000A requires two sleeves, each sold individually. Approx. shipping weight: 9#; Sm. Pkg.



Badminton Set

Enjoy net game fun including volleyball or badminton anywhere you go...Family picnics, class reunions, summer camp or school outings . You'll be ready to play quickly with snap together poles • System includes poles, net, guy ropes and zippered carrying case. Approx. shipping weight 3#; Sm. Pkg.



VOLLEYBALL ACCESSORIES



VB73 Clamp-On Official's Platform with Padding

Popular design is compatible with most volleyball systems that use floor sockets regardless of manufacturer...3", 3½" or 4" standards • Unique and stable clamp grasps post at approximately 74" above the floor to eliminate interference with required post padding • Widened platform and taller side rails increase official's comfort and safety • Floor-friendly wheels allow easy transport to and from storage • When in use, sits on non-slip rubber floor pads • Heavy-duty 1"diameter tubular construction is covered with 1" thick matching gray vinyl covered foam padding to meet all NCAA, National High School Federation and USVBA rules • Substitute padding in black, maroon, ravy, royal or scarlet at an additional cost • Not recommended for use with VB6000, VB2000T, VB6000T, or systems utilizing VBTBASE adapters • Order SVB73 for use on sand volleyball courts • Five-year limited warranty. Approx.shipping weight: 75#/each; Truck



VB76 Freestanding Folding Volleyball Official's Platform with Padding

The perfect balance of stability and storability... Meets all NCAA, National High School Federation and USVBA rules • Easy pull-pin folding design • Powder coated heavy gauge steel construction • Floor-friendly wheels and floor pads • Includes color coordinated gray padding • One-year limited warranty. Approx. shipping weight: 120#/each; Truck















VB98HG Chain Net Height Gauge

Eliminate the need for tape measures or bulky poles with this easy-to-use chain net gauge...

Multiple indicators for all common net heights • Complete with small zippered storage bag, instructions and spring clip to store gauge behind padding attached to the pole or net rope.

Approx. shipping weight: 1#; Sm. Pkg.





VB1200RR Rope Ratchet Net Tensioning Kit

Purchase this set of four net tension ropes to replace or supplement current volleyball side tape tensioning devices... Easy ratchet design pulls tight, then releases with the push of a button • Quick, easy and safe • Tensioners are standard on Centerline, CarbonMax, Lady CarbonMax and Match Point systems but are available for lost or worn tensioners and for any system when horizontal net tensioning is needed • Set of four. Approx. shipping weight: 1#; Sm. Pkg.

VB123 NetSet" Volleyball Net Tensioning Gauge

Never guess at proper net top rope tension again...Find the best tension setting for your system and count on an exact repeat every time • Gauge installs between the winch and the top rope on all Bison and most manufacturers' competition systems
• Easy-to-read 1-2-3 tension indicators • Mark your desired setting with a permanent marker so no matter.

• Easy-to-read 1-2-3 tension indicators • Mark your desired setting with a permanent marker so no matter who sets up the system, it will be the same as the last time • Anodized aluminum body, chromium steel spring, red line indicator, plated steel internal plunger and heavy-duty spring clip connectors • Two-year limited warranty. Approx. shipping weight: 2#; Sm. Pkg.



VB99HG Premium Telescoping Net Height Gauge

Perfect net height is now achievable with this easy-to-use tool...Measure any common competition net height • Aluminum

competition net height • Aluminum telescoping pole folds to only 39" length for easy transport in nylon storage bag. Approx. shipping weight 2#; Sm. Pkg.

VOLLEYBALL ACCESSORIES

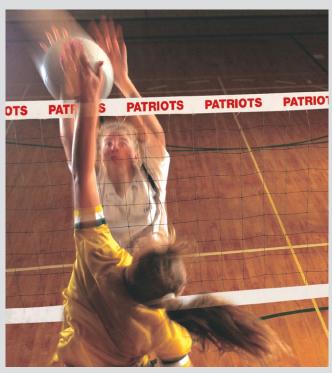




VB1250K Kevlar Competition Volleyball Net

This net is designed specifically to install easily and bowstring tight on our Centerline, CarbonMax, Lady CarbonMax and Match Point systems...Totally encased stretcher bar • 1/4" no-stretch Kevlar top rope and 3/8" tenex bottom rope • Knotless woven webbing for tighter square net tensioning • White top, bottom and side tapes • Meets all appropriate association rules • 32' x 1 meter official size • Four easy operating rope ratchet side tape tensioners • Rope ratchet bottom rope tensioner • Top and bottom ropes extra long to allow use with floor sockets from 35'-45' apart • May require field shortening of top rope • Includes zippered net storage bag and top and bottom rope cable covers • Two-year limited warranty. Approx. shipping weight: 15#; Sm. Pkg.

Notice! Volleyball nets are not returnable once opened unless defective.



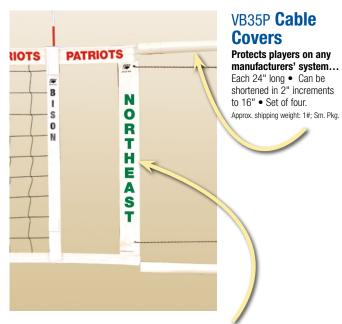
VB1250SP Sport Pride Volleyball Net Band

See your program's name or logo on the sports page...Customize this add-on white net tape • Velcro's onto any manufacturers' net in less than five minutes • Full-color logo or lettering on a white background • Permanent ink and lamination for lasting school spirit • Remove and reinstall as you replace nets • Allow 4-6 weeks • One-year limited warranty. Approx. shipping weight 3#/each, Sm. Pkg.

VB1298 QwikSet™ **Competition Volleyball Net**

Designed specifically for fast and easy set up on Bison UltraLite systems...No need for extra side tape tensioners as top and bottom rope tensioning results in superior net tension • Knotless woven webbing and bright white top, bottom and side tapes • Rope ratchet bottom rope tensioner • Net storage bag and top and bottom rope cable covers included • 32' x 1 meter official size • Net compatible with posts positioned between 341/2' and 381/4' apart • Consult a Bison Product Specialist if posts are not within this range • Two-year limited warranty. Approx. shipping weight 15#; Sm. Pkg.

Notice! Volleyball nets are not returnable once opened unless defective.



VB1250ST School Spirit™ Side Tape Covers

Show your school pride...See your school name on the sports page or TV highlights • Velcro attached side tapes have a white background • Select from letter styles below ● See page 102 for color options (one color only) ● 10 letters maximum, 24" x 2" imprint area • Printed on both sides • Sold in pairs (per net) • Fits most manufacturers' competition nets • One-year limited warranty. Approx. shipping weight: 5#/pair; Sm. Pkg.

Letter Styles

A ABC B ABC CABC m ABC



NOLLEYBALL SAFETY PADDING



VB51P

Post Padding for All Stationary Standards

Protects players from contact injury...Meets NCAA, USVBA and National High School Federation rules

- Fits all Bison post style standards
- Also fits most other manufacturers' volleyball posts 1" thick high density foam with Velcro closure Protects to 6' height Stocked in colors shown on page 102 Order padding for court adders Five-year limited indoor warranty, 90 day outdoor.

Approx. shipping weight: 20#/pair; Sm. Pkg.

Now Available in Pink

While designed to fit Bison volleyball standards, all Bison padding will also cover most other manufacturers' in-floor volleyball standards.



VB510P Center Post Padding

Same high quality 1" thick foam padding available on Bison competition volleyball systems designed to cover center standards on Bison side-by-side double volleyball systems...Velcro attachment • Available in the colors shown on page 102 • Lettering not available on VB510P • Five-year limited warranty.

Approx. shipping weight: 10#; Sm. Pkg.

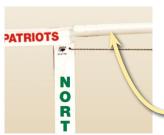
While designed to fit Bison volleyball standards, all Bison padding will also cover most other manufacturers' in-floor volleyball standards.



VB13 SideLine™ Antennae

Clearly mark the court sidelines with this combination antennae and bright white boundary tape...Attach easily with hook and loop fasteners • Official size two-piece antenna slips neatly into pocket • Fit either 36" or 1 meter nets • No fasteners to lose • Meets all NCAA, National High School Federation and USVBA rules • 90-day limited warranty.

Approx. shipping weight: 4#/pair; Sm. Pkg.



VB35P Cable Covers

Protects players on any manufacturers' system...
Each 24" long • Can be shortened in 2" increments to 16" • Set of four.

Approx. shipping weight: 1#; Sm. Pkg.

VB51PW

Sport Pride Volleyball Post Padding Wraps

Add full color graphics, change logos or change padding color without replacing existing padding...or order with new system to enhance the look of your new Bison volleyball system

- Fits only Bison VB51P padding Velcro attachment
- Bison graphics department will work with you to design a custom full color professional image that can include logos, photos, lettering or any graphics desired
 Sold in pairs
 Clear lamination protects printed surface for long life.



Custom Lettering and Logos for Bison Padding

Show your school spirit with customized padding... Almost any Bison vinyl padding surface can be lettered with up to 10 letters for one low price • All lettering and logos will be sized and spaced by the Bison Art Department based on the size and shape of the padding and the number and style of letters or logo requested • ABC52 one-color lettering is free on many complete Bison volleyball systems • Order multiple ABC50, ABC51, ABC52, ABC53 for application on multiple sides of padding • Available only on Bison padding.

ABC52 Standard One-Color Lettering

Maximum of 10 letters...Choose from letter styles A, B, C and D • Must select from colors shown on page 102.

ABC53 Second Color Letter Outline Option

Optional addition to letter styles A and B only • Must select from colors shown on page 102.

ABC51 Standard One-Color Logo

Send a logo to Bison Art Department prior to placing order...

Artwork subject to pre-approval and hourly BNART artwork charges
may apply ◆ Must select from colors shown on page 102 ◆ 12" x 12"
maximum size.

ABC50 Oversized One- or Two-Color Logo

Available on VB8100 Arena II portable volleyball system bases...Send a logo to Bison Art Department prior to placing order • Artwork subject to pre-approval and hourly BNART artwork charges may apply • Must select from colors shown on page 102 • 22" x 60" maximum size

ABC52 Letter Styles

A ABC B ABC CABO



ABC53 Second Color Letter Outline Example

AABC53 BABC53



VOLLEYBALL TRANSPORT AND STORAGE





Net Storage Winders

Tired of wadded up, dirty, and tangled volleyball nets?...Here is your answer • Roll and store nets when not in use • 24" dome base has non marking wheels to roll easily to and from storage . Nets hang neatly and dependably on rotating top spider • Choose VB1251W for single net, VB1252W for 2 net and VB1253W for 3 net capacity.

Approx. shipping weight: 70#; Sm. Pkg.

VB95 Multi-Court Volleyball Storage System

Store it all, up to four courts on a single compact cart... Eight posts, four nets, eight post pads, four pair of antennae and up to 12 volleyballs can all be neatly stored and easily transported from storage room to court by even your smallest player • 1" square, heavy wall tubular frame has a durable silver gray powder coated finish • Spreader rods are 3/4" diameter steel with a chrome plated finish • Four 150# capacity floor-friendly casters will support even the heaviest steel volleyball standards . Loaded dimensions depend on pole length and padding stack height • Unloaded cart dimensions are 28" (w) x 60" (l) x 58" (h) • Design protects nets from dirt, poles from damage, padding from tears and antennae from breakage • Customize your cart with optional ABC92 custom vinyl lettering • Five-year limited warranty.

Approx. shipping weight: 91#; Sm. Pkg.

VB96 Six Post **Deluxe** Volleyball Cart

Easy loading, easy transport. easy storage...

For all your



Approx. shipping weight: 90#; Sm. Pkg.



VB94 Volleyball Four Post Transport Cart

Heavy-duty design allows compact and easy storage and transport of up to two complete volleyball systems...Compatible with any brand of 3", 31/2" or 4" outside diameter posts • Non-marking, 4" swivel casters • Bonus storage for net and padding . Durable, white powder coated finish • Reduces damage to posts and floor • Total width when loaded is 30", allowing transport through most doors Eliminates multiple trips from storage to

set up equipment • One-vear limited warranty. Approx. shipping weight: 88#; Sm. Pkg. Ships Oversize



NEW! VB92 Volleyball Standard Wall **Storage Rack**

Keep any 3" to 4" diameter volleyball standards safely stored without damage...

Order one VB92 for each pair of standards . Mount to any wall with customer supplied mounting hardware.

Approx. shipping weight: 7#; Sm. Pkg.



VB9130, VB9135, VB9140 Volleyball Pole Caddies

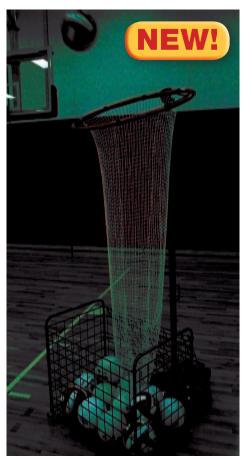
Make transport of your volleyball poles easy and safe....fits any manufacturer's poles • 3" floor friendly wheels and 8" tall receiver socket • Choose VB9130 for 3" poles, VB9135 for 3½" poles or **VB9140** for 4" poles.

Approx. shipping weight 5#/each, Sm. Pkg.



VOLLEYBALL TRAINING AIDS





VB01XL AcuSet Volleyball Trainer

Improve setting and passing skills...Great for training at all ages and skill levels • New design for superior stability, durability and transportability • Factory weighted dome base with non marking wheels tips backward for repositioning and transport • Set 30" diameter target ring at any height from 7' to 12' in 2" increments or any angle with easy locating pull pins • Use with VB185 Easy Reach Volleyball Cart for ball retrieval. Approx. shipping weight: 150#; Truck











VB185 Easy Reach™ Volleyball Cart

Durable lightweight cart holds up to 30 balls...Lining constructed of black 600 Denier Cordura • Quickfold design provides simple compact storage • Equipped with swivel casters for smooth rolling from locker room to gym • Chrome plated tubular frame • Includes storage bag for transport and off-season use • Perfect for use with AcuSet Volleyball Trainer • One-year limited warranty.

Approx. shipping weight: 15#; Sm. Pkg.



BA175 **Ball Security Locker**

Secure your investment in

inflatables...Sturdy blue powder coated wire and tubular locker
• Hinged, lockable top (lock not included) • Overall dimensions
24" (w) x 36" (l) x 35" (h) • Easy to roll with convenient handle and heavy-duty swivel casters • Holds

• One-year limited warranty.

Approx. shipping weight: 50#; Sm. Pkg. Ships Oversize

approximately 25 to 30 basketballs, volleyballs, soccer or miscellaneous game balls and equipment

Hinged Brass Floor Plate Cover Installation Kit



Install Bison VB23, VB26, VB27, VB23-CV, BM23 or VB23LK-CV Floating Floor Socket Covers with professional results...Two-piece router template kit can be used over and over for perfectly sized pockets in floating wood floors • Router and router bits not included.

Approx. shipping weight: 5#/kit; Sm. Pkg.



Thru Hole Template



Step Bore Template



VOLLEYBALL AND BADMINTON SOCKETS AND ACCESSORIES 🖨





VB23

Floating Floor Sockets with Brass Floor Plate

Premium quality, cast brass floor plates are machined for a high quality fit and finish...Hinged for easy use • Subfloor excavation and hardwood floor routing required for installation in existing floors • Use with Bison equipment or any 3", 31/2" or 4" standards • 8" outside and 6" opening on cover plate • Select size below • Sockets allow floating floor to expand and contract with changes in humidity . Requires two per system.

CAUTION! Floor sockets are difficult and often impossible to install on floors with basements or other hollow cavities below, consult an experienced installer for assistance.

Model #	Size	Used with Bison Posts/Systems	Description	Shipping
VB23	3"	Centerline, CarbonMax, Lady CarbonMax	3" diameter x 10" deep	9#/each; Sm. Pkg.
VB26	3½"	Match Point	3½" diameter x 10" deep	9#/each; Sm. Pkg.
VB27	4"	UltraLite	4" diameter x 13" deep	8#/each; Sm. Pkg.
BM23	1½" sq.	BM10 Badminton	1½" sq. x 12" deep	9#/each; Sm. Pkg.



BM21

Standard Floor Sockets

The same special extrusions as Bison floating floor sockets but with a machined aluminum ring and cover assembly...Use on all nonfloating floor systems, including concrete, tile or synthetic • Aluminum cap • Requires excavation of existing floors • Requires two per system • Select size below.

BM21 Badminton Floor Sockets

Compact hinged brass cover...hides 12" deep socket designed for 1½" square badminton on other game posts • 4½" outside and 3" opening diameter. Approx. shipping weight: 5# each; Sm. Pkg.

CAUTION! Floor sockets are difficult and often impossible to install on floors with basements or other hollow cavities below, consult an experienced installer for assistance.

Model #	el # Size Used with Bison Posts/Systems		Description	Shipping
VB24 2 ³ /8" Universal Game Sta		Universal Game Standards VB0050	2 ³ /8" diameter x 12½" deep	5#/each; Sm. Pkg.
VB235	235 3" Centerline, CarbonMax, Lady CarbonMax		3" diameter x 9" deep	9#/each; Sm. Pkg.
VB21	21 3½" Match Point		3½" diameter x 9" deep	9#/each; Sm. Pkg.
VB22	22 4" UltraLite		4" diameter x 13" deep	3#/each; Sm. Pkg.
BM21	M21 1½" sq. BM10 Badminton		1½" sq. x 12" deep	9#/each; Sm. Pkg.



Hinged Brass Plate Floor Cover

Cover plate only for replacement use...8" outside diameter and 6" diameter openings. Approx. shipping weight: 5# each; Sm. Pkg.



VB23LK-CV **Lockable Hinged Brass Floor Plate Cover**

Same hinged brass design but includes a keyless locking device to avoid unwanted access to socket...Substitute VB23LK-CV for standard brass floor plate • Floor plate only, no socket included • 8" outside diameter and 6" diameter opening. Approx. shipping weight: 5# each; Sm. Pkg.



VB23CH-CV

Chrome Plated Swivel Cover

Cover plate only...8" outside diameter and 41/2" diameter opening • Steel with polished chrome finish • Includes lifting key. Approx. shipping weight: 5# each; Sm. Pkg.



Small Hinged Brass Plate Cover

Cover plate only for badminton...or other needed floor cutouts • 4½" outside diameter and 3" diameter opening. Approx. shipping weight: 3# each; Sm. Pkg.

FREE! Upon Request

(with complete system orders)

Volleyball Sleeve Adapters

Install 3" diameter or 3½" diameter volleyball systems in any manufacturer's existing 4" or 3½" floor sockets...Order one per each existing socket. Approx. shipping weight: 5-7#/each; Sm. Pkg.

VB354 To Install 3½" Posts in 4" Floor Sockets

VB340 To Install 3" Posts in 4" Floor Sockets

VB335 To Install 3" Posts in 3½" Floor Sockets

VBDSS Socket Depth Adapter (not shown)

If your existing sockets are extra deep...You many need depth adapters to allow proper installation of your volleyball poles • Bison will provide, free of charge, custom depth adapters with the purchase of any Bison volleyball system • Provide diameter and depth of existing sockets and model of Bison system. Approx. shipping weight: 1#; Sm. Pkg.



VB25 Standard Drill-In Floor Anchor

Allows anchoring of portable volleyball or basketball systems to existing concrete, synthetic or tile floors without major concrete excavation...Provides ½" threaded hole with spring loaded plug

· Requires core drilling and grouting. Approx. shipping weight: 2#/each; Sm. Pkg.



VB25FL

Drill-In Anchor for Common Floating Floors

Same as VB25 except with flange to add additional anchor support when installed on floating maple floor systems... Includes all necessary hardware • Requires concrete core drilling, routing of wood floor and grouting of anchor into concrete • Provides ½" threaded hole with spring loaded plug. Approx. shipping weight: 3#/each; Sm. Pkg.



VB25TF Thin Slab Drill-In Floor Anchor

Wide range of thin slab applications...Use on athletic floors that have playing surface installed directly over a concrete surface such as tile or synthetic and where the concrete is too thin to allow the use of VB25 or VB25FL • Same 1/2" threaded insert hole with spring loaded

plug • No hardware is provided as this anchor is used in a wide range of applications Consult a Bison Product Specialist. Approx. shipping weight: 2#/each; Sm. Pkg.



VB230 Second Story Volleyball **Socket Form**

Just what you need to install volleyball sockets in floors with lower level or crawl space directly below volleyball court...

Prefabricated form can be used as is or field

modified • Use in conjunction with any Bison floor socket • Heavy welded steel with powder coated finish . Requires experienced installer for proper use. Approx. shipping weight: 45#; Sm. Pkg.

Floating Floor Sockets with Chrome Plated Swivel Covers

Purchase separately or substitute for brass hinged floor plates standard in most Bison systems... Available with 3", 3 1/2" or 4" floor sockets or order cover without socket • 8" outside diameter and 4 1/2" diameter opening. See chart below for ordering details.

		Used with Bison		
Model #	Size	Posts/Systems	Description	Shipping
VB23CH	3"	Centerline, CarbonMax, Lady CarbonMax	3" diameter x 10" deep	8#/each; Sm. Pkg.
VB26CH	3½"	Match Point	3½" diameter x 10" deep	8#/each; Sm. Pkg.
VB27CH	4"	UltraLite	4" diameter x 13" deep	8#/each; Sm. Pkg.





UNIVERSAL NET GAME SYSTEM



VB0050 **Universal**23/8" Game Standard System Excellent value for elementary schools... This system allows infinite height adjustment

Excellent value for elementary schools... This system allows infinite height adjustment between 42" tennis net height and 96" competition volleyball height • Crankless net tightening • Heavy wall steel standards with white powder coated finish • Standards come with adapters to allow installation into 3" or 3½" existing floor sockets in addition to the VB24 floor sockets provided • SVB08 net is standard • If you are purchasing this system only as an official sized badminton court request substitute BM10N badminton net and install sockets 21' apart instead of the 36' standard width for volleyball courts • If this system will be installed on a floating maple floor add VB23-CV floating floor plates (not included) • Can be used with VB51P post padding • One-year limited warranty. Approx. shipping weight: 140#; Truck





3" and 3½" Floor Socket Adapters

PB050 Universal Portable Base

Versatile portable
base...This base can be
used for a variety of
purposes including low
cost PE net games ●
Base can be weighted
with optional SC50B
ballast bag ● 12" x 16"
base has floor friendly
feet ● Post is 60" high ●
Net not included ● 90-day
limited warranty. Approx.
shipping weight: 13#/each; Sm. Pkg



TETHERBALL



Tetherball Set

Play anywhere....23/8" diameter, 10' galvanized steel pole mounted to 24" diameter steel base with 145# of built in ballast for stability • Easy roll wheels • Includes ball, rope and top ring • Non-marking rubber ring on bottom of base • Quick set up with no hole to dig or loose weight bags to carry • One-year limited warranty on pole and base. Approx. shipping weight 188#; Truck

тв50-в **Replacement Tetherball**

Quality ball with rope and attachment clip.Approx. shipping weight: 2#; Sm. Pkg.

Tetherball Set

Long-lasting outdoor durability...Includes 17/8" diameter galvanized steel pole, PVC ground sleeve for easy pole removal when not in use, rope attachment ring and tetherball with rope

• One-year limited warranty on pole. Approx. shipping weight 22#; Truck

TB100P **Tetherball Pole and Ground Sleeve Only**

Order ball separately. Approx. shipping weight: 20#; Truck





BADMINTON AND TENNIS SYSTEMS



POWDER COATED

TOUGH

BM10 Competition Badminton/Pickleball System For official competition or physical education class...Suits every level of play • 111/16" square aluminum

standards designed to set up and tear down quickly • Hardware included to adapt to pickleball • System includes official net • Order BM23 sockets and brass floor plates separately • Consult with a Bison product specialist for replacement systems for existing sockets • Two-year limited warranty. Approx. shipping weight: 25#; Sm. Pkg.

BM10N Official Badminton Net

Nylon competition badminton net...Official 21' x 2½' size • Fits any standard badminton system • 90-day warranty. Approx. shipping weight: 4#; Sm. Pkg.

BM23 Badminton Floating Floor Sockets/Floor Plates

For use with Bison BM10 system...Quality, hinged brass floor plate with 12" deep aluminum socket • Requires two per BM10 system • Requires sub floor excavation and routing of wood flooring to retrofit into existing facilities • CAUTION! Floor sockets are difficult and often impossible to install in floors with basements or hollow cavities below; consult an experienced installer for assistance. Approx. shipping weight: 5#/each; Sm. Pkg.

BM21 Standard Floor Socket for 1¹¹/₁₆" Square Badminton Posts (not shown) 1¹¹/₁₆" square floor sockets for use with BM10 badminton posts...For installation on non-floating floor systems including concrete, tile, or synthetic • Machined aluminum ring and cap • 134" inside dimension square tubular socket • Requires two per system. Approx. shipping weight: 9#; Sm. Pkg.

BM10P Portable Badminton System

Competition play without sockets or floor anchors...Portable yet sturdy • Each end support is designed with a 111/16" square post with built-in ballast outrigger and floor friendly transport wheels • Quick and easy set up, tear down and storage • Two-year limited warranty. Approx. shipping weight: 100#, Truck



BM10P

TN10 **Competition Tennis System**Indoors or outdoors...Competition system for any level • 41' net with 46' coated top cable (TN10N) • 3" round, high tensile aluminum posts with durable powder coated finish • Chrome plated internal winch to tension top cable • Removable handle • System includes posts, indoor/outdoor official net and center court net hold down strap • Order optional sockets separately for easy post removal • Consult with a Bison product specialist for replacement systems for existing sockets • Two-year limited warranty. Approx. shipping weight: 40#; Sm. Pkg.

TN10N Premium Tennis Net

For net replacement on any tennis court...Use indoor or outdoors • Includes center court net hold down straps and all required net attachment ropes • 41' net with 46' coated top cable (TN10N)

• One-year limited warranty. Approx. shipping weight: 16#; Sm. Pkg.

TN10CS Center Court Hold Down Straps

For net replacement on any tennis court Replacement center strap assembly. Approx. shipping weight: 2#; Sm. Pkg.

VB23 Indoor Tennis Floor Socket/Floor Plate

Remove tennis posts with ease...10" deep socket installs into court surface • Hinged brass floor plate covers socket when posts are removed

• CAUTION! Floor sockets are difficult and often impossible to install in floors with basements or other hollow cavities below; consult an experienced installer for assistance. Approx. shipping weight: 9#/each; Sm. Pkg.

VB235 Outdoor Tennis Ground Socket/Ground Plate

Same as above but made for the outdoor court...

Approx. shipping weight: 9#/each; Sm. Pkg.



BNP0401BC 4' Court Bench

See page 77 for the perfect 4' bench for your tennis facilities. Specify black legs and forest green planks.



HOW TO SELECT YOUR NEXT SOCCER GOALS

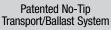
slowing ໄດ້ ເຄື່ອຍປຣ ວ່າ VIII ກ່ວນກ່ອງ hooiOui"Goals

Your program is not just like everyone else's. Your level of play, playing surface, goal removal requirements and budget all define your needs. Many programs that use brand name alone as their selection criterion often miss out on features that better fit their requirements. Bison offers a wide range of goals to meet the needs of college, high school, club, recreation and youth programs. Consider the following design features before you invest in your next pair of goals.





Patented No-Tip





Torque Tested™ **Backstay Attachment**



QwikTrack™ Easy and Dependable Net Attachment



Football Field Compatibility



Large Corner Safety Radius

Portability

Since many soccer fields serve double duty, portable goals make up a large percentage of the market. Even if the goal is not permanently attached to the ground, it might not be truly portable. Overall weight, use of rear stabilizing bars, transport systems and the quality of construction all contribute to the true portability. Common problems with hard to move portables include premature failure of welded corners and the potential for staff or player injury. Aluminum is the material of choice for portable goals. There are some lower cost steel portables but they are heavy, hard to move, prone to rust, and worst of all, dangerous if they tip over.

If you have full-time soccer fields, permanent or semi-permanent goals might fit your needs best. Generally, they offer a lower cost alternative with either steel or aluminum as viable options.

Manufactured or Locally Produced Goals

Over 80% of all portable goal tip over injuries and deaths reported in a recent study occurred with the use of homemade goals produced in shop class or at a local fabrication facility. Failure to understand and follow quidelines and testing requirements found in ASTM F2056 often leads to lack of adequate tip over ballast or ground anchoring, unsuitable goal depth and heavy materials and construction that make goals top heavy. Off the shelf tubing commonly has sharp corners that affect safety. It is critical to purchase goals that have proper warning labels that also certify the goal meets the ASTM safety standards to reduce liability risk for your program.

Football Gooseneck Post Compatibility

Many high schools and collegiate soccer programs share facilities with football and other activities. It is vital that portable soccer goals are compatible with permanently installed football goalposts, allowing quick and easy conversion from football to soccer and back. All official size (24' x 8') Bison Shootout portable goals, excluding those with the No-Tip feature, allow placement in front of permanent football goal posts using the same goal line for both sports by moving the rear horizontal stabilizer bar forward or backward. This is especially critical for fields with permanently painted field markings.

Post Size Compatibility

NCAA, National High School Federation and FIFA rules require that front uprights and crossbars be no less than 4" and no more than 5" wide for official play. Round, square, rectangular or oval shaped materials are all permitted. Round goals are often selected by clubs that play by FIFA rules but many other programs like round as well. If you choose square or rectangular goals, pay attention to the corners on the tubes. The bigger the radius, the greater the player safety. Bison offers round, square and rectangular goals.

Goal Size

Official play at high school, college and many club levels requires 24' wide and 8' high goals. These are the goal opening dimensions. Youth goals are available in a variety of sizes and often local club rules, field availability or other factors will determine goal width. Generally, vounger players use smaller fields and goals.

Post Safety

POWDER Over the past few years, there has been an COATED increasing awareness of soccer player injury TOUGH statistics. While most injuries occur in the open field, injuries including concussions, broken bones, cuts and damaged teeth caused by player contact with goals are

If you prefer square or rectangular goals, look for manufacturers who use a large corner radius on all upright and crossbar tubes. Choose portable goals with the greatest back depth (10' on 24' x 8' goals) and provide premium anchoring or built-in ballast systems as a part of the package. Soccer is currently the most played team sport that does not require padding on equipment that players might come in contact with during competition. In the last few years, however, there has been a steady move in the direction of allowing and using upright padding to protect players and reduce program liability. All play that is governed by National High School Federation rules now allows post padding. Only Bison manufactures goals that can maintain the official 24' width with or without upright padding. Bison DuraSkin for Soccer padding has virtually no negative impact on ball rebound. To assure safety and avoid unnecessary liability, NEVER purchase goals that do not meet ASTM F2056 safety standards.

Convenience

It's always easiest to buy in complete, ready-to-play packages. This insures all components are compatible. Features like transport systems and built-in safety ballast on portable goals make goal movement easier and safer. Net attachment methods are not all the same. Avoid systems that have loose clips or Velcro straps that get lost and goals with protruding net attachment hardware that presents a safety issue. Most programs prefer goals with built-in net attachment tracks like Bison's QwikTrack.

Durability/Warranty

When you invest in soccer goals, you want to be confident they will provide maintenance free service for many years. Aluminum goals have the advantage of a lifetime of rust free use. Some common aluminum goals, however, are prone to failure of welds where backstays attach to uprights. Big bulky goals get dragged across the field, putting stress on joints and resulting in the need for costly repairs. Bison's unique Torque Tested backstay attachment system, standard rear stabilizer bar and the inclusion of built-in transport and ballast systems on many goals allow Bison to offer an industry leading, eight-year limited warranty on 4" round and 4" square goals. Compare standard features and published warranties to get the most value for your investment.

Purchasing through a local dealer is not only friendly to your local economy but improves your service when you need help.

Competition 24' x 8': U12 and up, high school, collegiate, international Club Plus 21' x 7': U10 - U12

Club 181/2' x 61/2': U8 - U10

Youth 12' x 61/2": U6 - U8 and short-sided play Bantam 9' x 41/2': U4 - U6 and short-sided play



Exclusive Padding Width Compensating Feature on Competition Size 4" Round and 4" Square Goals





No Loose Ballast



No Ground Anchors

ShootOut No-Tip Portable Soccer Goals

Easy to move and tip over safe at the same time...Bison No-Tip Portable Soccer Goals help you sleep well at night . No-Tip Goals meet all ASTM F2056 standards for safety and performance without the use of loose ballast bags or undependable ground stakes that are often forgotten or improperly installed • Safety is the hallmark of these goals with extra backstay depth, radii on all square post corners and net attachment that has no hardware • Portable goals are meant to be truly portable so in addition to the No-Tip transport/ballast drums and lightweight aluminum post design, all Bison portable goals feature a unique Torque Tested backstay attachment design and rear backstay spreader bar that allows us to offer an industry leading eight-vear **limited warranty** that includes typical failure of the vulnerable connection between uprights and the backstays ● Available as 4" round or 4" square in three goal sizes, these goals meet or exceed all NCAA, National High School Federation, FIFA and ASTM F2056 standards and rules • Bison's popular QwikTrack net attachment system allows net clips to stay connected securely to the net when net is removed from goal • No loose fasteners, Velcro straps, welded hooks or screw-on net clips are necessary • Goals have an extra thick textured white powder coat finish and backstays are galvanized • Only Bison offers a post padding width compensating feature that allows the goal to maintain the designated opening width if your program chooses to protect players from injury with safety padding now allowed by National High School Federation rules • All ShootOut goals are sold in pairs • See charts below.

No-Tip Packages include goals with combination transport/ballast drums, competition white net, zippered net storage bag, rear horizontal stabilizer bars and QwikTrack net attachment kits. Customer supplies 250# of sand to fill ballast drums.

Value Packages include goals, auger style hold downs, rear stabilizer bar and QwikTrack net attachment kit (nets and No-Tip feature sold separately).



US Patent #8,579,736

See page 71 for No-Tip details on packages indicated.



Limited Warranty

Optional Player Safety Padding





4" Round Goal Packages

Model	Package Type	Goal Package Size	Net Requirement	Ship Weight
SC2480PA40NT	No Tip	24' (w) x 8' (h) x 4' (t) x 10' (b)	Included	540#/pair
SC2480PA40E	Value	24' (w) x 8' (h) x 4' (t) x 10' (b)	SC100N*	435#/pair
SC2170PA40NT	No Tip	21' (w) x 7' (h) x 4' (t) x 7' (b)	Included	490#/pair
SC2170PA40E	Value	21' (w) x 7' (h) x 4' (t) x 7' (b)	SC080N	385#/pair
SC1865PA40NT	No Tip	18½' (w) x 6½' (h) x 4' (t) x 6½' (b)	Included	450#/pair
SC1865PA40E	Value	18½' (w) x 6½' (h) x 4' (t) x 6½' (b)	SC072N	345#/pair

4" Square Goal Packages

	Package	Goal Package	Net	Ship
Model	Type	Size	Requirement	Weight
SC2480PA44NT	No Tip	24' (w) x 8' (h) x 4' (t) x 10' (b)	Included	540#/pair
SC2480PA44E	Value	24' (w) x 8' (h) x 4' (t) x 10' (b)	SC100N*	435#/pair
SC2170PA44NT	No Tip	21' (w) x 7' (h) x 4' (t) x 7' (b)	Included	490#/pair
SC2170PA44E	Value	21' (w) x 7' (h) x 4' (t) x 7' (b)	SC080N	385#/pair
SC1865PA44NT	No Tip	18½' (w) x 6½' (h) x 4' (t) x 6½' (b)	Included	450#/pair
SC1865PA44E	Value	18½' (w) x 6½' (h) x 4' (t) x 6½' (b)	SC072N	345#/pair

★if your 24' x 8' goals will be used on a football field under the football goal posts as shown, substitute SC106N net for SC100N net.





5-YEAR Limited Warranty

ShootOut 2" x 4" Portable Aluminum Soccer Goals



SC2480PA24 Shown with Optional SC24PP Safety Padding



	Package		Net	Ship
Model	Type	Size	Requirement	Weight
SC2480PA24NT	No Tip	24' (w) x 8'(h) x 4' (t) x 10' (b)	Included	500#/pair
SC2480PA24E	Value	24' (w) x 8' (h) x 4' (t) x 10' (b)	SC100N*	430#/pair
SC2170PA24NT	No Tip	21' (w) x 7' (h) x 4' (t) x 7' (b)	Included	450#/pair
SC2170PA24E	Value	21' (w) x 7' (h) x 4' (t) x 7' (b)	SC080N	380#/pair
SC1865PA24NT	No Tip	18½' (w) x 6½' (h) x 4' (t) x 6½' (b)	Included	430#/pair
SC1865PA24E	Value	18½' (w) x 6½' (h) x 4' (t) x 6½' (b)	SC072N	360#/pair
SC1265PA24E	Value	12' (w) x 6½' (h) x 4' (t) x 6½' (b)	SC060N	210#/pair
SC0945PA24E	Value	9' (w) x 4½' (h) x 2' (t) x 4½' (b)	SC050N	240#/pair

2" x 4" portable aluminum soccer goals offer many of the quality features available on Bison 4" square and 4" round goals but are designed to offer a durable option at a budget conscious price...Safety



is never compromised at Bison and our 2" x 4" goals meet ASTM F2056 safety standards, include the same extra deep backstays as our 4" square and 4" round goals and have no hardware protruding from the goal face • Durability features include exclusive Torque Tested backstay attachment and heavy steel galvanized backstays including rear horizontal stabilizing bar • Net attachment is easy and dependable with Bison's QwikTrack system that eliminates the need for protruding metal clips, holes drilled in the structure, Velcro or wire ties • Select one of five available sizes from the chart below . Official size 24' x 8' goal meets all NCAA, National High School Federation and FIFA rules.

No-Tip Packages include goals, nets, QwikTrack net attachment kit and Bison's exclusive No-Tip transport and ballast system. Customer supplies 250# of sand to fill ballast drums.

Value Packages include goals, net attachment kit (SC72N) and auger-style hold downs (SCO4GA).







See page 71 for No-Tip details on packages indicated.



Optional Player Safety Padding

WARNING!

Never allow hanging or climbing on soccer goal net or framework as serious injury may occur from tip over or collapse. All portable goals must be securely anchored to the ground to avoid injury from tip over. Bison has free warning labels availa

2" x 4" ShootOut™ Portable Aluminum Soccer Goals Premium Features



Patented No-Tip Transport/Ballast System



Premium Auger-Style Anchors



QwikTrack[™] Easy and Dependable Net Attachment



Football Field Compatibility

★If your 24' x 8' goals will be used on a football field under the football goalposts as shown, substitute SC106N net for SC100N net.



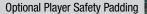
All Aluminum ShootOut No-Tip[®] Portable Soccer Goals

100% Aluminum...And a whole lot more • The latest development in Bison's super strong line of super safe soccer goals • Fully welded aluminum 4" square uprights and 2" square backstay assemblies feature extra welded gusset plates at critical corner connections to make them virtually unbreakable . Bison's QwikTrack net attachment system allows easy net attachment to upright, crossbar, bottom sides and rear of goal • Only Bison offers patented No-Tip integrated ballast and transport system insuring both safety and easy goal movement without ground anchors or loose ballast • All Aluminum No-Tip goals meet all NCAA, National High School Federation, FIFA and ASTM F2056 rules and specifications • Specially designed extrusions have extra heavy wall thickness and large corner safety radii to guarantee both durability and safety • All Bison ShootOut soccer goals feature a super thick bright white textured powder coated finish and carry an eight-year limited warranty • 12" wide molded polyethylene drums roll easily even in tall, wet or muddy grass and provide permanent safe ballast when properly filled with sand by customer at the time of installation • Only Bison offers a post padding width compensating feature to maintain the official goal opening width even when DuraSkin safety padding is installed • All ShootOut goals are sold in pairs • See chart below.



Safety Radius **Ballast System**

Model	Package Type	Size	Net Requirement	Ship Weight
SC2480PA44XL	No Tip	24' (w) x 8' (h) x 4' (t) x 10' (b)	Included	550#/pair
SC2170PA44XL	No Tip	21' (w) x 7' (h) x 4' (t) x 7' (b)	Included	500#/pair
SC1865PA44XL	No Tip	18½' (w) x 6½' (h) x 4' (t) x 6½' (b)	Included	460#/pair







Fold and Store Portable **ShootOut** Soccer Goals

When space is at a premium...Fold and Store Shootout soccer goals are the right fit • Many of the same great features as Bison's standard 4" square aluminum portable soccer goals but with the added convenience of being able to simply collapse into a 10" thick package when not in use • Choose from three popular sizes • No loose hardware or tools required • Net stays attached if desired • Sold in pairs including nets, net clips, 12" semi-pneumatic transport wheels and auger style anchors . Order four optional SC50B ballast bags for use on artificial turf.

		Net	Ship
Model	Size	Requirement	Weight
SC2480PA44F	24' (w) x 8' (h) x 4' (t) x 10' (b)	Included	500#/pair
SC2170PA44F	21' (w) x 7' (h) x 4' (t) x 7' (b)	Included	475#/pair
SC1865PA44F	18½' (w) x 6½' (h) x 4' (t) x 6½' (b)	Included	425#/pair



Safety Radius



Release backstay lock and fold inward.



Pull telescoping support pins to lower goal.



Support goal as it is lowered.



Goal collapses to 10" thick. Replace pins.



Roll on 12" semi-pneumatic swivel casters.



ShootOut 4" Square Aluminum Permanent/Semi Permanent Soccer Goals

Just what you would expect from Bison, goals that are durable, affordable and easy to install.

Bison permanent/semi permanent 4" square, powder coated soccer goals are now constructed of aluminum extrusions for a lifetime of rustproof service...These goals include Bison's premium QwikTrack net attachment system popular on our aluminum portable goals eliminating loose Velcro net attachment • Goals can be permanently installed in concrete or be removable with the purchase of SC44S ground sleeves • Available in five sizes • Order optional European 4' backstays to add top depth to goals • Compatible nets indicated on chart are ordered separately • All in-ground soccer goals have a five-year limited warranty and ship by truck.

Model	Goal Size	No Top Depth Net	4' Top Depth Net	Shipping Weight
SC2480IGA	Competition 24'(w) x 8'(h)	SC095N	SC100N	275#/pair
SC2170IGA	Club Plus 21'(w) x 7'(h)	SC075N	SC080N	265#/pair
SC1865IGA	Club 18½'(w) x 6½'(h)	SC071N	SC072N	235#/pair
SC1265IGA	Youth 12'(w) x 6½'(h)	SC055N	SC060N	215#/pair
SC0945IGA	Bantam 9'(w) x 41/2'(h)	SC045N	N/A	185#/pair

Order Nets Separately



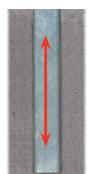




SC02BSA Optional European 4' Backstays

Add 4' top backstay to any Bison in-ground aluminum soccer goals...1.66" diameter galvanized steel tube construction • Use of these backstays requires purchase of 4' top depth nets as shown in chart above • Not compatible with SC0945IGA goals • Order one pair per goal

• Order two pair per field. Approx. shipping weight: 20#/pair; Truck



SC44S Ground Sleeves

FIVE POPULAR SIZES

4" square, 24" deep sockets install in 8" diameter minimum x 30" deep concrete footing for easy removal of goals when not in use... Sockets are extruded aluminum and include cap to keep out debris • Order two sleeves per goal (four per field).

Approx. shipping weight: 5# each; Small Pkg.

4" Square ShootOut" Aluminum In-Ground Soccer Goals Premium Features



Torque Tested Backstay Attachment



QwikTrack™ Easy and Dependable Net Attachment



SC02BSA Optional Backstays



Optional Player Safety Padding



SC2480IGA

COMPLETE FOOTBALL AND SOCCER PACKAGES 💨



Complete Football and Soccer **Combination Goal Packages**

Make your buying decision easy and save money, too...Buy your football goal posts and soccer goals in guaranteed compatible packages

• The perfect solution for new schools and renovated fields • Package includes all the goals and accessory components to play high school or collegiate soccer and football including:

- Bison Perfect Goal™ Football Goalposts 1 pair
- Goalpost Wind Direction Streamers (4) 1 set
- Weighted Football Goal Line End Markers (4) 1 set
- · Competition Football Goalpost Padding (16 color options) 2
- One-Color Football Safety Pad Lettering 2
- ShootOut™ Official 24'x 8' Portable Aluminum Soccer Goals 1 pair
- . Tip and Roll Wheel Kit
- · Ground Anchor Kit for Natural Turf
- · Goal Ballast Bags for Artificial Turf
- 4mm Soccer Nets 1 pair
- · Soccer Net Storage Bag 1
- · Ground Spike Style Soccer Corner Flags set of 4
- Corner Flag Storage Bag 1



Tip and Roll Wheel Kit

Package Model #	Level of Play	Football Goalpost Gooseneck Diameter and Extension	Football Goalpost Color	Soccer Goal Aluminum Tubing Size
PKGFBSCCG-SY	Collegiate	59/16" diameter x 96" setback	Safety yellow	4" round
PKGFBSCHS-WT	High School	59/16" diameter x 72" setback	White	4" square
PKGFBSCHSV-WT	High School	4½" diameter x 60" setback	White	2" x 4"



Note: Packages will not allow soccer play on 120 yard soccer fields.









COMBINATION SOCCER/FOOTBALL/RUGBY GOALS

ShootOut Combo Aluminum Football/Soccer/Rugby Goals

When soccer and football teams share space...Combo Goals are the answer • Constructed of weatherproof 4" square aluminum extrusions • Nets attach with popular Bison exclusive QwikTrack system • 4" square upright and crossbar extrusions have large corner radii for superior player safety and have a bright white, textured powder coated finish • Official 24' (w) x 8' (h) soccer goals and official 10' high football crossbar and 10' uprights that can be installed either at 23'4" high school width or 18'6" college width • Order FB10EXT-WT to extend uprights from 10' to 20' height • Uprights can also be installed at rugby width for added versatility • Choose in-ground permanent/semi permanent or portable (see details below) • Eight-year limited warranties • Sold in pairs but available individually.

SC2480IGAFB Permanent **Semi Permanent Combo Goals**

Install goals permanently in concrete footings or install using optional SC44S ground sleeves to allow easy removal...Order SC095N net separately for standard Combo Goals or order SC100N for goals with optional European backstays. Approx. shipping weight: 500#/pair; Truck

SC02BSA Optional European 4' Backstavs

Add 4' top backstay to any Bison in-ground aluminum soccer goal...White powder coated finish • Order one pair per goal. Approx. shipping weight: 20#/pair; Sm. Pkg.

SC2480PA44FB Portable Combo Goals

Add the convenience of portability and built-in No-Tip ballast system to the versatility of Combo Goals...

Bison No-Tip system insures safety without the inconvenience of ballast bags, ground anchors or other anchor systems that are often forgotten, lost, discarded or ineffective • The rear ballasts double as transport wheels allowing movement on and off the field to improve space utilization. Note: Due to the added weight of the football crossbar and uprights, goal transport typically requires four people • Order SC100N nets separately. Approx. shipping weight: 750#/pair; Truck

SC44S **Ground Sleeve**

4" square, 24" deep sockets...Install in 8" diameter minimum x 30" deep concrete footing for easy removal of in-ground goals when not in use • Order two sleeves per goal (four per field). Approx. shipping weight: 5#/each; Sm. Pkg.







FOOTBALL GOALPOSTS

Set Post



Attach "T" Adapter to Crosssbar



Slide "T" Adapter Onto Gooseneck





Insert Upright Assembly Onto Crossbar



Rotate Upright to Vertical





Adapter In Place

PerfectGoal* for High School and College



FB55CG-SY Shown with Optional FBCPP-SC Padding, ABC52 Lettering and FBWDS Streamers

59/16" Gooseneck GoalpostsThese are the heaviest Bison goalposts...Choose 96" or 72" setback • 48" ground bury • 59/16" O.D. schedule 40 pipe is bent then powder coated • All Bison gooseneck goalposts feature Bison's exclusive PerfectGoal design for precise vertical and horizontal alignment and uncommon ease of installation

• 4½" steel tube crossbar and 20' long, 23/8" diameter aluminum uprights • Order FB10EXT to increase upright height from 20' to 30' • Use with FB55S ground sleeves if desired

• Ships in four pieces plus hardware per goal • Sold in pairs but available individually. See chart for approximate shipping weights.

Model Description	Setback and Upright Spacing	Shipping Weight
FB55HS-SY High School 5 ⁹ / ₁₆ " Safety Yellow	72" 23'4" Between 20' Uprights	1200#/pair; Truck
FB55HS-WT High School 5 ⁹ / ₁₆ " White	72" 23'4" Between 20' Uprights	1200#/pair; Truck
FB55CG-SY Collegiate 59/16" Safety Yellow	72" 18'6" Between 20' Uprights	1075#/pair; Truck
FB55CG-WT Collegiate 59/16" White	72" 18'6" Between 20' Uprights	1075#/pair; Truck
FB58HS-SY High School 5 ⁹ / ₁₆ " Safety Yellow	96" 23'4" Between 20' Uprights	1250#/pair; Truck
FB58HS-WT High School 59/16" White	96" 23'4" Between 20' Uprights	1250#/pair; Truck
FB58CG-SY Collegiate 59/16" Safety Yellow	96" 18'6" Between 20' Uprights	1125#/pair; Truck
FB58CG-WT Collegiate 59/16" White	96" 18'6" Between 20' Uprights	1125#/pair; Truck

FB55S PerfectGoal Adjustable Height 59/16" Ground Sleeves Same features as on 4½" ground sleeves above except designed to use with 59/16" diameter Bison

goalposts...Requires two per field. Approx. shipping weight: 125# each; Sm. Pkg.

FB55HSCG-WT Shown with Optional FBCPP-FG Padding, ABC52 Lettering and FBWDS Streamers

59/16" Combination High **School/College Goalposts**

High school football Friday night, college game on Saturday afternoon...No problem with these versatile goals • 59/16" diameter OD Schedule 40 steel goosenecks are available with either 96" or 72" setback • The 4½" steel tube crossbar has specially designed expandable uprights for safe and easy one man adjustment • Includes all the features that have made Bison Perfect Goal football goal posts popular • 20' aluminum uprights • Use with optional FB55S ground sleeves if desired • See chart for approximate shipping weights.

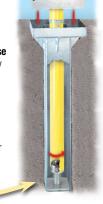
Model and Description	Setback and Upright Spacing	Shipping Weight
FB55HSCG-SY High School/ College 59/16" Safety Yellow	72" 18'6" - 23'4" Between 20' Uprights	1350#/pair; Truck
FB55HSCG-WT High School/ College 59/16" White	72" 18'6" - 23'4" Between 20' Uprights	1350#/pair; Truck
FB58HSCG-SY High School/ College 59/16" Safety Yellow	96" 18'6" - 23'4" Between 20' Uprights	1400#/pair; Truck
FB58HSCG-WT High School/ College 59/16" White	96" 18'6" - 23'4" Between 20' Uprights	1400#/pair; Truck

FB45S PerfectGoal™ Adjustable Height 4½" **Ground Sleeves**

These sleeves allow the removal of 41/2" gooseneck style goalposts on multi-purpose fields...The only goalpost sleeve in the industry that allows accurate adjustment of the crossbar height to official 10' • Hot dip galvanized heavy wall steel base . 4" of total crossbar height adjustment • Built-in anti-rotation device

• Aluminum cover to finish socket both when installed and removed . Requires minimum 30" diameter x 53" deep excavation ● Order two per field • Some assembly required • Use only with Bison goalposts

Approx, shipping weight: 120# each: Sm. Pkg.







Easy-to-Install Goalposts with Durable Finishes





Popular 41/2" gooseneck styling and Bison's exclusive PerfectGoal design makes these goalposts an excellent value...Posts bury 48" into the ground for stability or use FB45S ground sleeves for removable installation . Posts have 60" setback and 20' long aluminum uprights • Crossbars are 41/2" steel tube • Ships in four pieces plus hardware per goal • Sold in pairs but available individually. See chart for approximate shipping weights.

	Model and Description	Dimensions	Shipping Weight
V	FB45HS-SY High School 4½" Safety Yellow	23'4" Between 20' Uprights	1050#/pair; Truck
۷	FB45HS-WT High School 4½" White	23'4" Between 20' Uprights	1050#/pair; Truck
	FB45CG-SY Collegiate 4½" Safety Yellow	18'6" Between 20' Uprights	925#/pair; Truck
	FB45CG-WT Collegiate 4½" White	18'6" Between 20' Uprights	925#/pair; Truck

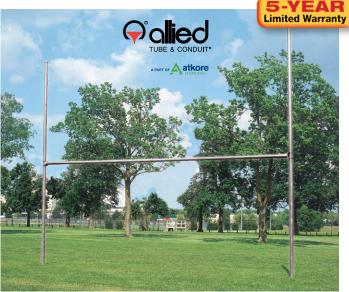


Upright Extensions for A PART OF A atkore **Football Gooseneck Goalposts**

Increase the upright height from 20' to 30' on 59/16" Gooseneck Goalposts or from 10' to 20' on Aluminum Combination Soccer/Football Goals with these 10' extensions...Includes four 10' aluminum upright extenders and adapter hardware • Not recommended on 4½" gooseneck goalposts • Order one kit per field • Specify white or safety yellow Contact your Bison Product Specialist for details. Approx. shipping weight: 60#/kit; Truck

FB10EXT-SY Safety Yellow Upright Extensions FB10EXT-WT White Upright Extensions





FB35-GV H-Style Galvanized Goalposts

This simple design is our most affordable goalpost option...Features 3½" heavy wall galvanized uprights and crossbars . Posts bury directly into the ground approximately 3' for excellent rigidity • Official high school 23'4" wide x 10' high uprights or crossbar can be easily field cut and installed at 18'6" college width • Great for practice fields, youth fields and budget conscious programs • Rain caps keep water out of posts . Sold in pairs but available individually. Approx. shipping weight: 815#/pair; Truck



FBRUGBY Official **Rugby Goals**

Goals as tough as the players who play the game...

Built to last • Heavy wall 3½" diameter galvanized steel uprights and crossbars • Uprights extend 27' above the playing surface and bury 3' into the ground for lasting installation in all climates • Crossbar spreads upright to official 18' 4" width • Height can be adjusted in the field to make installation easy and precise • Galvanized surface can be painted in the field if desired • Rain caps keep water out of upright posts • Goals meet all applicable rules • Sold in pairs. Approx. shipping weight: 1,000#/pair; Truck



Goal Corner Post Safety Padding to **Protect** Soccer Players



National High School **Federation** 2004-2005 Soccer Rule Interpretation

Rule 1-4-1: The vertical portion of the goal post may be padded with commercially manufactured material for soccer goals. This material shall be white, have a maximum thickness of 1", be a minimum of 72" high and shall be properly secured. No markings other than a single manufacturer's identification/ logo may appear on the goal post padding.

DuraSkin For Soccer Safety Padding

Finally, soccer padding that satisfies even soccer purists...DuraSkin soccer padding, available exclusively from Bison, is firm enough to have minimal impact on the rebound of the ball off the corner posts but resiliant enough to provide player safety • While other manufacturers offer padding that is bulky, soft, spongy and colored, DuraSkin For Soccer is bright white to match the goal so it is nearly invisible • Since DuraSkin For Soccer is molded of the same material as Bison DuraSkin basketball backboard padding in a 5/8" thick cross section, it is durable even if left outside • Available to fit all brands of 4" square, 2" x 4" and 4" round or elliptical soccer goals, steel or aluminum portable or semi-permanent • Slips on with ease with no fasteners, straps or buckles • Each post is covered to a height of 72" with a two-piece molded pad, each piece 36" long • Pads are easy to remove, transport, store and attach • Includes zippered storage and transport bag

Padding carries a one-year limited warranty but will last for years with proper care

• DuraSkin For Soccer is sold in kits, one kit protects one goal • Order two kits per field • Meets National High School Federation Rule Interpretations 1-4-1.

Goal Style	Model to Order	Shipping Weight		
4" Square	SC44PP	Approx. 20#/kit; Sm. Pkg.		
4" Round or Elliptical	SC40PP	Approx. 15#/kit; Sm. Pkg.		
2" x 4" Rectangular	SC24PP	Approx. 16#/kit; Sm. Pkg.		

Fits all manufacturers' goals. Protects one goal per kit. Order two kits per field.



800-247-7668

ALL SOCCER GOALS

- NEVER CLIMB OR HANG ON GOAL OR NET.
- REGULARLY CHECK ALL FASTENERS PRIOR TO USE. CLIMBING, HANGING, TIPPING OR OTHER NON-INTENDED
- USES OR FAILURE TO PROPERLY INSTALL GOALS CAN CAUSE SERIOUS INJURY OR DEATH.
- CONSIDER PADDING GOAL UPRIGHTS.

PORTABLE SOCCER GOALS

- ALWAYS ANCHOR GOALS ACCORDING TO INSTRUCTIONS.
- DO NOT STORE OR USE ON SLOPED GROUND.
- STORE PORTABLE GOALS TO AVOID UNAUTHORIZED USE.

A W A R N I N

Free Replacement Warning Labels

For any soccer goal, even non-Bison... Call a Bison Customer Service Representative to order.

"As an involved soccer enthusiast, I, like most of my colleagues, have resisted efforts to pad soccer goals despite being aware of various goal contact related injuries. When an injury actually affected my goalie daughter, I changed my tune and began investigating padding solutions that had limited negative impact on the game. I'm convinced that Bison DuraSkin for Soccer is the perfect balance between

player safety and the integrity of the game. Isn't it time we provide soccer players at all levels the same protection from goal contact given football, volleyball and basketball players?"

Dennis Andersen West Palm Beach, Florida



Protect soccer players from contact with the corner posts with this vinyl **covered foam pad...**Compact 1" thick padding is 72" high • Velcro attachment

- Sold in kits each to protect one goal
- Order two kits per field Meets National High School Federation Rule Interpretations 1-4-1.

SCOOPP For 4" Square and 2" x 4" Goals
Approx. shipping weight: 10#/kit; Sm. Pkg.

SCO1PP For 4" Round and Elliptical Goals Approx. shipping weight: 10#/kit; Sm. Pkg





N

SCNOTIP No-Tip™ Retrofit Kit

Take the worry out of soccer goal set up...You'll never need ballast bags, ground stakes or complex anchoring systems again

- The molded polyethylene rear drums double as anti-tip ballast to meet ASTM F-2056 and easy rolling 12" wide transport wheels
- Bison No-Tip system is included as a standard feature on many of the ShootOut soccer goal packages found on pages 63-65 but can be added to all sizes of Bison's 4" square, 4" round and 2" x 4" Portable ShootOut goals
 Retrofit comes complete with all

components required to add No-Tip to a pair of goals except 250# of customer supplied dry sand • Installation takes less than 30 minutes • Sold in pairs but can be ordered individually • Five-year limited warranty. Approx. shipping weight: 50#; Small Pkg.









During Transport

During Play

B

SC50B Ballast Bag

Safety first...Use in place of ground anchors on artificial turf fields or as preferred anchor method • Requires two per goal • Black vinyl bag with zippered sides • Capacity for 70# of sand or gravel (customer provides).

Approx. shipping weight: 8#/each; Sm. Pkg.

SC04WKU Tip and Roll Wheel Kit

Make portable aluminum goals truly portable...Reduce stress and breakage caused by dragging goals across the field ● Flips forward for easy transport with maximum ground clearance ● Flips back and stores during play ● Fits any goal with 15/8" to 2" diameter backstays including all Bison value package aluminum portable goals ● Order SCO4WK for wheel kit to fit specifically on Bison soccer goals that do not include wheel kits ● 10" wheels ● Set of four for two goals. Approx. shipping weight: 65#/set; Sm. Pkg.



SC04WKU

SC04GA

Soccer Goal Ground Anchor Kit

Auger type anchors designed for superior anchoring in soft or loose soils...Proper use of two anchors per aluminum portable goal complies with all NCAA, National High School Federation and FIFA rules for anchoring portable goals ● These anchors are provided as a standard feature with all Bison aluminum portable goals ● Bison does not provide straight ground stakes as we feel they are not sufficient ground anchoring in most soils ● Sold in sets of four (use two per goal). Approx. shipping weight: 5#/set; Sm. Pkg.

SC34BI Ballast Inserts for Bison Portable Aluminum Soccer Goals (not shown)

For all Bison portable goals used indoors or on surfaces that do not permit installation of auger style ground anchors (SC04GA)...Each

ballast insert is 34" long, 17/16" solid steel and weighs 16#
• Installs hidden inside rear stabilizer bar • Easy slide-in installation • Use aphurban

stabilizer bar • Easy slide-in installation • Use only when unable to use preferable ground anchors or No-Tip ballast system.

Approx. shipping weight: 16#/each; Sm. Pkg.

Goal Width	# of Inserts to Order	Total Weight	
24'	8 per goal	128#	
21'	7 per goal	112#	
18½'	6 per goal	96#	
12'	4 per goal	64#	
9'	3 per goal	48#	



FBCPP Competition Goalpost Padding

Super thick 5" foam covered with weatherproof vinyl in your choice of 16 school colors...Velcro strap closures
• Protects players to a height of 72" • Meets all NCAA and National High School Federation rules • Designed to fit all goal posts to 59/16" diameter and 4" square. Approx. shipping weight: 18#/each; Sm. Pkg. Ships Oversize

Custom Lettering and Logos for Bison Padding

Show your school spirit with customized padding... Almost any Bison vinyl padding surface can be lettered with up to 10 letters for one low price • All lettering and logos will be sized and spaced by the Bison Art Department based on the size and shape of the padding and the number and style of letters or logo requested • Order multiple ABC51, ABC52, ABC53 for application on multiple sides of padding • Available only on Bison padding.

ABC52 Standard One-Color Lettering

Maximum of 10 letters...Choose from letter styles A, B, C and D ● Must select from colors shown on page 102.

ABC53 Second Color Letter Outline Option

Optional addition to letter styles A and B only • Must select from colors shown on page 102.

ABC51 Standard One-Color Logo

Send a logo to Bison Art Department prior to placing order...Artwork subject to pre-approval and hourly BNART artwork charges may apply ● Must select from colors shown on page 102 ● 12" x 12" maximum size.

ABC52 Letter Styles

A ABC

B ABC

CABC

D ABC

ABC53 **Second Color Letter Outline Example**

A ABC53

BABC53



SOCCER AND FOOTBALL ACCESSORIES

Woven Knotless HTPP Soccer Nets

These premium nets are designed specifically for Bison soccer goals but can be used on any soccer goal with comparable top and bottom depth...Constructed of heavy super high tenacity polypropylene (HTPP) multifilament rachel knotless netting, these nets are non-abrasive for superior durability and safety • These white mesh nets have heavy rope edges to facilitate proper attachment to goal and field • Each pair of nets comes with a free mesh carry bag for easy transport or storage between games or during the off season • Soccer nets are not returnable once opened unless defective • Ninety-day warranty.



Mesh Storage Bag with
Each Pair of Nets

Notice! Soccer nets are not returnable once opened unless defective.

Super High Tenacity Polypropylene Mesh



Mesh Storage Bag with Each Pair of Nets

Notice! Soccer nets are not returnable once opened unless defective.

Nets with Specified Top Depth Model Height **Shipping Weight SC100N Octagon** 10' Approx. 21#/pair: Sm. Pkg Approx. 20#/pair: Sm. Pkg SC106N Square 24' 8' 4' 6' SC080N Approx. 12#/pair; Sm. Pkg 4' 4mm Square 21' 7' 7' Approx. 11#/pair; Sm. Pkg SC072N 4mm 18.5 6.5' 4' 6.5 Square SC060N Approx. 9#/pair; Sm. Pkg. Square 12' 6.5' 6.5 SC050N 9' 4.5' 4.5' Approx. 6#/pair: Sm. Pkg. Square

SC100N nets have octagon mesh. All other nets are 4" square mesh.

Nets with No Top Depth								
Model	Mesh Diameter	Mesh Shape	Width	Height	Top Depth	Bottom Depth	Shipping Weight	
SC095N	4mm	Square	24'	8'	0'	8'	Approx. 12#/pair; Sm. Pkg.	
SC075N	4mm	Square	21'	7'	0'	7'	Approx. 10#/pair; Sm. Pkg.	
SC071N	4mm	Square	18.5'	6.5'	0'	6.5'	Approx. 9#/pair; Sm. Pkg.	
SC055N	4mm	Square	12'	6.5'	0'	6.5'	Approx. 7#/pair; Sm. Pkg.	
SC045N	4mm	Square	9'	4.5'	0'	4.5'	Approx. 5#/pair; Sm. Pkg.	



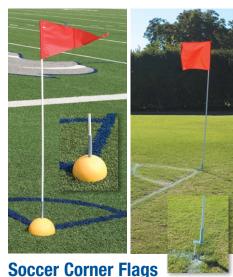
SC06DK Soccer Practice Disks

Practice makes perfect...Organize skill drills using these low cost disks • Sold in sets of 24 • Bright orange plastic • Durable yet lightweight and easy to

transport 8" diameter • Stackable.

Approx. shipping weight: 3#/set; Sm. Pkg.





Official corner flags in zippered storage bag...Set of 4 • Choose SC06CF for use on natural turf • Spring upright with rectangular flag • Includes push-in ground spike

Choose **SC06CFW** for artificial turf or indoor use • Spring upright with triangular flag • Includes base with weighted dome that requires customer to fill with sand (not provided).

Approx. shipping weight 20#/set of 4. Sm. Pkg.





SCOOEB Mesh Equipment Bag

This 30" x 48" sturdy fine mesh nylon bag will hold team equipment, balls or soccer nets...

Convenient top drawstring. Approx. shipping weight: 1#; Sm. Package.



SC72NC Replacement Net Attachment Clips

Easy, weatherproof molded nylon clips specifically for use with Bison portable

aluminum goals...Slide in track on rear side of aluminum extrusions • Set of 72 • Provided standard with all Bison aluminum goals • Will attach nets to two goals of any size • For Bison goals only. Approx. shipping weight: 2#/set; Sm. Pkg.



Kit includes double-sided Velcro• straps and ground stakes for installation of net on any soccer goal without built in hooks...Strapping and stakes to attach two nets to two goals • Includes storage bag.

Approx. shipping weight: 4#; Sm. Pkg.







Practice Kicking Cage Kick until your leg is tired without ever chasing the ball...Punters, place kickers

or soccer players can practice in confined spaces, indoors or out • Sturdy 1" diameter, tubular, powder coated blue steel framework • Pop-together, push button assembly • Heavy mesh catch net • 6' high x 4' wide opening creates a big target • Folds flat for storage when not in use • One-year limited warranty.

FB100KC Practice Kicking Cage with Net

FB100N Replacement Kicking Cage Net



FB04EM Weighted Football **Goal Line End Markers**

Bright, safe and durable...Bottom weighted end zone markers require no ground stakes or sockets to install, just place on end line • Weighted markers tip with the slightest player contact for maximum safety • Heavy florescent orange vinyl covered foam . Meets all NCAA and National High School Federation rules • Sold in sets of four • One-year limited warranty. Approx. shipping weight: 11#; Sm. Pkg.



FBWDS Wind Direction Streamers

Official 4" wide x 42" long, weather resistant streamers...Includes hardware to attach to 23/8" diameter uprights without drilling • Durable orange outdoor flag material, double stitched • Can be used on other size uprights by drilling and bolting . Sold in sets Of four. Approx. shipping weight: 2#; Sm. Pkg.

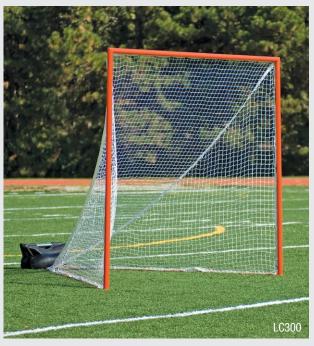


FBCPPW Sport Pride Football Goalpost Padding Wrap Spruce up your field and strut your stuff...Easy-to-install heavy vinyl graphic wraps are

custom made to fit your existing goalpost pads or can be ordered at the same time as Bison FBCPP goalpost padding • Full color graphic printing options including Bison QwikPrint designs or almost any image and lettering • To order, specify padding height (Bison padding is 72"), measure around the circumference of the pad when on pole and provide design, colors and lettering • Consult the Bison Art Department for design options • Includes one hour of design time, additional design time is billed as BNART by the hour • Velcro attachment • Includes convenient transport and storage bag • Sold in pairs. Approx. shipping weight: 20#/pair; Sm. Pkg.







LC300 Easy Goal™ **Official Aluminum** Lacrosse Goals

Never sacrifice quality and durability for convenience... Easy Goal has it all

- Meets all NCAA and National High School Federation rules for competitive play
- Special aluminum extrusions with Bison's exclusive Qwik Track net attachment system and push button knock down design make this goal easy to transport, set up or tear down in less than five minutes • All components are rust-proof aluminum or stainless steel for a lifetime of weatherproof use • Easy Goal comes complete with 6mm mesh net, Qwik Track net attachment clips, hold down stakes for natural turf, ballast bags for artificial turf fields and zippered transport bags • Official 6' (h) x 6' (w) x 7' (d) opening • Orange powder coated finish • Sold in pairs
- Nets not returnable once opened Three-year limited warranty. Approx. shipping weight: 75#/pair; Sm. Pkg.



Disassembly





and Dependable Net Attachment

QwikTrack™ Easy **Zippered Transport Bag**



LC200 Official Steel Competition Lacrosse Goals

These goals meet all NCAA and National High School Federation rules for competition play...Popular flat iron style base allows use indoors or outdoors on any surface • 1½" (1.9" O.D.) schedule 40 pipe framework has thick ground bars allowing sturdy ground staking or use of ballast bags to stabilize • Orange powder coated finish • Includes four ground anchors • 6' (h) x 6' (w) x 7' (d) opening • Sold in pairs • Nets included • Nets not returnable once opened • One-year limited warranty. Approx. shipping weight: 145#/pair; Sm. Pkg.

LC050N Official Lacrosse Nets

Designed to fit Bison lacrosse goals but will fit most official lacrosse goals...6mm white knotless webbing • Sold in pairs • Sports nets are not returnable once opened unless determined to be defective.

Approx. shipping weight: 25#/pair; Sm. Pkg.





HK500 Competition Ice Hockey Goal

No need for cold feet when you choose Bison...The game is rough, our goals are tough • 23/8" OD schedule 40 pipe form the official 72" (w) x 48" (h) x 34" (d) goal mouth for unsurpassed durability • 100% welded construction • 2" OD rear support structure • Red powder coated finish • Sold in pairs complete with HK050N nets, net attachment laces and HK500P padding set • Nets not returnable once opened • Five-year limited goal warranty. Approx. shipping weight: 300#/pair; Truck

HK500P Complete Padding Set

For HK500 Ice Hockey Goals...Included in HK500 above but can be ordered separately for replacement • Designed specifically to fit Bison hockey goals • Includes lower puck cushions, top shelf pad and necessary attachment components • One set for one goal, 2 required per rink. Approx. shipping weight: 30#/each, Sm. Pkg.



HK050N Ice Hockey Net

6mm nylon construction...Designed for a perfect fit on Bison's HK500 goals • Includes attachment laces • Sports nets are not returnable once opened unless determined to be defective. Approx. shipping weight: 30#/pair; Sm. Pkg.

HK50U **Owik Release Urethane Locator Rods**

Sold in sets of 4. Approx. shipping weight: 2#/set of 4; Sm. Pkg.



QwikTrack™ Easy and

Dependable Net Attachment

FH200 Outdoor Field Hockey Goals Goals

Durable design for high level competition...100% rustproof aluminum with premium black weatherproof 1/4" UHMW kick boards • White powder A PART OF 🛕 atkore coated finish • Easy and dependable QwikTrack net attachment • Official size meets all USFHA and National High School Federation rules • Complete package includes two goals, two nets and net attachment kit • Nets not returnable once opened • Two-year limited warranty. Approx. shipping weight: 300#/pair; Truck

FH200N Field Hockey Nets

Meets all association rules for official goals...12' (w) x 7' (h) x 4' (t) x 4' (b) square mesh with heavy braided corners and edges • Replacement net for FH200 and most other manufacturers' similar official field hockey goals • Includes two nets

 Sports nets are not returnable once opened unless determined to be defective • One-year limited warranty. Approx. shipping weight: 15#/pair; Sm. Pkg.

FH200WK Wheel Kit for Field Hockey Goals (not shown)

Transport with ease... Take your goals to and from the field ● 10" diameter wheels mount permanently to the back of field hockey goal frames to increase convenience and reduce risk of player injury or goal damage • Some drilling of goal required for installation • Includes wheels and hardware for two goals. Approx. shipping weight: 40#/set; Sm. Pkg.



A great goal for a great game...2 meter (approximately 6'7") high and 3 meter (approximately 9'10") wide goal meets official rules • 100% aluminum construction with a durable white powder coated finish

• 8cm square (approximately 3" x 3") aluminum extrusion uprights and crossbars have large corner radii for player safety and Bison's exclusive QwikTrack net mounting system • Standard rear horizontal stabilizer bar adds durability and stability • Complete package includes two goals with rear stabilizer bars, two nets, QwikTrack net clips, indoor rubber floor protectors and two ballast bags • Nets not returnable once opened • Two-year limited warranty. Approx. shipping weight: 175#/pair; Truck

height of posts • Velcro attachment • Sold in kits to protect one goal • Order two kits per court.

Approx. shipping weight: 10#/kit; Sm. Pkg.

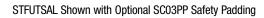


Net Attachment Clips



8 cm Square Tubing





SCTEAMHB Official Team Handball Goal

Goal meets all official handball rules...2 meter x 3 meter opening • Constructed of 3" square aluminum extrusion tubing • Large safety radii on all corners of tubing corners • Features fast and easy QwikTrack net attachment • Anti-skid floor protectors and portable ballast bags and net included • Sold in pairs • Nets not returnable once opened • Two-year limited Warranty Approx. shipping weight: 175#/pair; Truck

SCFUTSALN Futsal and Team Handball Net

Net is designed for Bison futsal goal but can be used on any futsal **goal with the same dimensions...**4" square mesh constructed of 3mm diameter netting • 3 meter (9' 10") wide and 2 meter (6' 7") high • 80cm (31½") top depth and 100cm (393/8") bottom depth • Sports nets are not returnable once opened unless determined to be defective.

Approx. shipping weight: 8#/pair; Sm. Pkg.



SC50B Ballast Bag

Safety first...Black vinyl bag with zippered sides • Capacity for 70# of sand or gravel (customer provides) • One ballast bag included with each Bison futsal and team handball goal Order SC50B for additional bags.

Approx. shipping weight: 8#/each; Sm. Pkg.



SCTEAMHB



Portable Bleachers

See page 36 for indoor bleachers.

Weatherbeater™ Outdoor Bleachers

These outdoor bleachers are built for a lifetime of dependable, trouble-free sports seating... Weatherbeater bleachers come with recycled plastic ground runners to keep hot dip galvanized steel framework raised from grass or dirt ● Recycled runners will not rot like wood runners used by other manufacturers ● Available in 7½', 15' or 21' lengths in either 3 or 4 tier heights ● 2 tier bleachers are only available in 15' lengths ● Heavy-duty 2" x 10" anodized aluminum seat and foot planks ● Fully welded, hot dip galvanized steel structure

Planks have end caps for a finished look without sharp edges
 High grade zinc plated hardware
 See bottom of page 77 for information

on powder coated seat planks • Five-year limited warranty on steel structure, two-year limited warranty on planks.



We Out An exas out kick p control and both

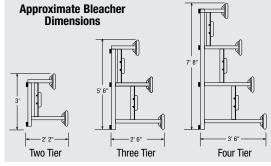
Weatherbeater Premium Outdoor Bleachers

An extra measure of comfort and safety... Same basic features as outlined above • The addition of an extra foot rest plank and heal kick panel not only improve safety but also provide comfort, child control and reduced dropped or lost loose objects like jackets, purses and backpacks • Add color planks (see page 77) to customize

your field • Five-year limited warranty on steel structure, two-year limited warranty on planks.

BL01504AXL Shown with Optional BL15SEAT-RY Seat Planks







Build Your Own Bleachers (or Benches)

In this case, BYOB is not what you think...It means more seating for less money ● Bison provides the structure and the hardware ● You provide the 2" x 10" x 16' lumber ● The result is seating for your program with saving up to 30% ● Bleacher structure has hot dipped galvanized finish and bench structures have silver/gray powder coated finish for outdoor durability ● See Bison bleacher and bench description for other details ● Available only in the bench and bleacher models listed below.

Model #	Description	Customer Supplied 2" x 10" x 16' Planks	Seating Capacity	Shipping Weight
BY0B161	16' Portable Player Bench with Back	2	10	Approx. 55# Truck
BY0B163	16' 3 Tier Outdoor Bleacher	5	30	Approx. 200# Truck
BY0B164	16' 4 Tier Outdoor Bleacher	7	40	Approx. 250# Truck

WARNING!

The four tier Bison bleachers shown on this page meet some but not all codes established for bleachers by various agencies. Bison assumes no responsibility for customer selection of bleachers that do not meet local or statewide codes for guard rails, kickboards or other standards.



BL01504AXL

BNP1500XL Big B Portable Football Team Benches



When your players are big...Select Big B benches • Heavy-duty 2" square tubular steel structure supports even the heaviest loads . Double wide planks provide a 20" deep seat • Rear shelf is 10" wide and can be used for water bottles, trainer supplies or is sturdy enough to act as elevated player seating • Seat, seat back and rear shelf planks are extruded aluminum and available in your choice of clear anodized aluminum, royal, scarlet, black, white, navy or forest green powder coating • Steel structure is available in your choice of silver/gray, black or white powder coating • 2" molded rubber risers separate structure from wet turf to improve durability • All Big B benches are 15' long and covered by a lifetime limited warranty. Approx. shipping weight: 260#; Truck

BNP0401BC School Color 4' Player Bench

A popular choice, colorful and comfortable... These 4' portable benches will seat 2 or 3 in style . Choose seat and backrest planks in any combination of clear anodized aluminum, royal, scarlet, black, white, navy or forest green with your choice of silver/gray, black or white powder coated legs at no additional charge

- 2" x 10" x .08" aluminum seats and backs All player bench structures are constructed of 2" square steel tubing and include rubber feet to allow indoor use without damaging floors and to keep legs from deteriorating in wet grass
- Five-year limited warranty. Approx. shipping weight: 60#/each; Sm. Pkg.





layer Benches

Benches are available as either in-ground fixed models or wide-base, freestanding portables... Select benches with or without a backrest • Bison player benches have welded steel structural supports with a silver/gray powder coated finish and aluminum seats and backrests (where applicable) • 21' length for fourteen player capacity, 15' for ten players or 71/2 for five players • Four 2" square supports on 21', three supports on 15' and two supports on 7½' • All steel parts have a silver/gray powder coated finish • 2" x 10" x .08" minimum cross section anodized aluminum seats and backs • Planks have end caps for a finished look without sharp edges • Fixed models require a 30" concrete footing to install in-ground for lasting, safe, weatherproof seating • Portable models are constructed to provide a nearly tip-proof bench to transfer from football field to soccer, baseball or softball fields as seasons change • Portable benches can be used with or without rubber feet provided, can be anchored to ground or can be bolted down to courtside surfaces • Five-year limited warranty on steel structure, two-year limited warranty on all seats and backs.



BNF0701A

Player Benches with Backrest

Strategically placed backrest reduces player fatigue.

Model	Length	Seating Capacity	Fixed or Portable	Backrest	Legs/ Supports	Shipping Weight
BNP2101BA	21'	14	Portable	Yes	4	Approx. 160#; Truck
BNF2101BA	21'	14	Fixed	Yes	4	Approx. 150#; Truck
BNP1501BA	15'	10	Portable	Yes	3	Approx. 115#; Truck
BNF1501BA	15'	10	Fixed	Yes	3	Approx. 110#; Truck
BNP0701BA	7½'	5	Portable	Yes	2	Approx. 70#; Truck
BNF0701BA	7½'	5	Fixed	Yes	2	Approx. 65#; Truck

Player Benches without Backrest Economical yet sturdy.

Model	Length	Seating Capacity	Fixed or Portable	Backrest	Legs/ Supports	Shipping Weight
BNP2101A	21'	14	Portable	No	4	Approx. 85#; Truck
BNF2101A	21'	14	Fixed	No	4	Approx. 90#; Truck
BNP1501A	15'	10	Portable	No	3	Approx. 65#; Truck
BNF1501A	15'	10	Fixed	No	3	Approx. 65#; Truck
BNP0701A	7½'	5	Portable	No	2	Approx. 40#; Truck
BNF0701A	7½'	5	Fixed	No	2	Approx. 40#; Truck



Powder Coated Aluminum Planks

Show your school colors on Bison's 71/21, 151 and 211 benches or bleachers...

Simply substitute your choice of royal, scarlet, navy, forest green, black or white planks for standard anodized aluminum seats that are included with Bison aluminum player benches, Weatherbeater bleachers and Easy Store bleachers • Choose any combination of colors for any quantity of seat planks • Each powder coated plank will incur an upcharge based on length • Order BL07SEAT1-XX for 7½' planks, BL15SEAT1-XX for 15' planks and BL21SEAT1-XX for 21' planks • Orders of 25 or more planks can be powder coated in a wider variety of colors (allow six weeks).









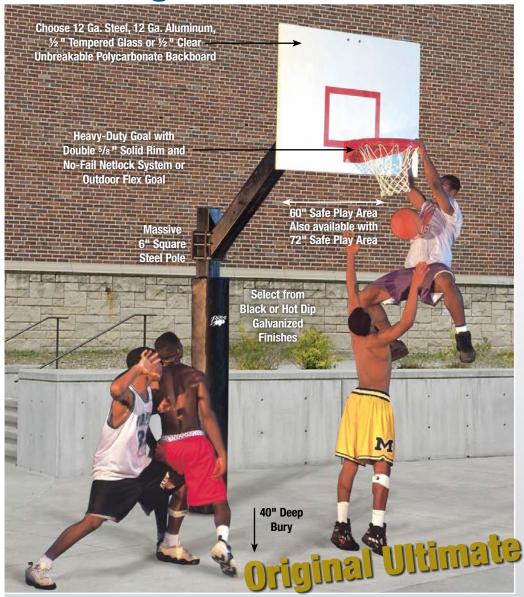


FG-Forest BK-Black WT-White

Green



Fixed Height Ultimate Series



Try an Ultimate System on your most demanding outdoor court and you'll never need to buy another basketball system...From the massive 6" square, 3/16" wall pole that buries a full 40" into the ground for incredible stability, to the tip of the Ultimate goal that carries an unconditional lifetime warranty, these systems are meant to take the abuse common on today's playgrounds • All fixed height Ultimate systems feature a full 60" setback for maximum player safety and offer optional backboard and pole padding • Order **BA870AXL** to upgrade from standard 60" to 72" extension on any system below at an additional cost • 42" x 60" boards are available in white powder coated steel or aluminum • 42" x 72" perforated or solid steel backboards give your court two more long-term Ultimate options • For the serious player, select an official size 42" x 72" backboard of clear tempered glass or clear unbreakable polycarbonate • Poles are available in black powder coating or hot dip galvanized for high humidity and coastal salt spray applications • Choose system with Ultimate goal covered by the unconditional lifetime warranty or popular outdoor breakaway goal . See chart below for the wide range of fixed height Ultimate systems to fit your facility's

LIFETIME Warranty

See PR15 and PR17 Ultimate Jr.™ for similar features on a downsized system perfect for smaller budgets.

BA871-BK Shown with Optional BA870PP-BK Pole Padding

The Ultimate for durability, playability and value!

	Ultimate Model	Double-Sided Version	Backboards	Goals	Pole Finish	Optional Backboard Padding	Warranty	Single-Sided Shipping Weight	Double-Sided Shipping Weight
V	BA871-BK	BA872-BK	42" x 60" Steel	BA39U Ultimate	Black	BA60U-BK	Lifetime Limited Functional	Approx. 500# Truck	Approx. 800# Truck
V	BA871XL-BK	BA872XL-BK	42" x 72" Steel	BA39U Ultimate	Black	BA72U-BK	Lifetime Limited Functional	Approx. 525# Truck	Approx. 850# Truck
	BA874-BK	N/A	42" x 72" Perforated Steel	BA39U Ultimate	Black	BA72U-BK	Lifetime Limited Functional	Approx. 525# Truck	N/A
	BA871A-BK	BA872A-BK	42" x 60" Aluminum	BA39U Ultimate	Black	BA60U-BK	Lifetime Limited Functional	Approx. 410# Truck	Approx. 620# Truck
	BA871A-GV Best for Coastal S	BA872A-GV Salt Spray Locations	42" x 60" Aluminum	BA39U-GV Ultimate	Hot Dip Galvanized	BA60U-BK	Unconditional Lifetime	Approx. 410# Truck	Approx. 620# Truck
	BA873-BK	N/A	42" x 72" Glass	BA32 Breakaway	Black	BA72U-BK	Pole: Lifetime Limited Functional Goal: 1-Year Limited	Approx. 550# Truck	N/A
	BA873U-BK	N/A	42" x 72" Polycarbonate	BA32 Breakaway	Black	BA72U-BK	Pole: Lifetime Limited Functional Goal: 1-Year Limited	Approx. 480# Truck	N/A

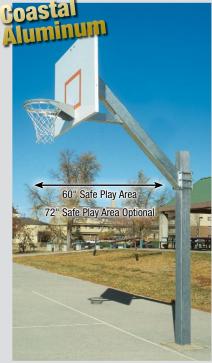
Order BA870PP-BK for optional pole padding on single systems, BA872PP-BK for optional padding on double sided systems.

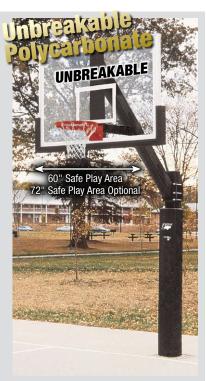


ULTIMATE™ PLAYGROUND BASKETBALL SYSTEMS









BA871A-GV

BA873U Shown with Optional BA870PP-BK Pole Padding and BA72U-BK Backboard Padding

PR15 Ultimate™ JR **Fan Aluminum Playground System**

Steel and lots of it...The 5" square, 1/8" wall, steel pole is buried 36" deep for superior rigidity • 5" square extension arm places backboard 36" from pole for player safety • 351/2" x 54" cast aluminum backboard has an orange border and shooter's square

- · Breakaway goal direct mounts through backboard into extension arm to virtually eliminate stress on the board
- Order BA870JRPP for optional pole padding
- Ten-year limited warranty. Approx. shipping weight: 265#; Truck







PR17

Choose 42" x 72" Glass, 42" x 72" Clear Polycarbonate or 42" x 60" Steel **Backboard** Double-Rim Fle Goal with No-Fail Safe Play Area at 10 **Removable Hand Crank** for Height Adjustment Square 40" Deep Bury PR98U with Unbreakable Polycarbonate Backboard Shown with Optional BA72U-BK Backboard PR98S Padding and BA870PP-BK Pole Padding Ultimate Optional Shipping Backboard **Backboard Padding Finish** Warranty

42" x 72" Polycarbonate Approx. 500# PR98U BA33U Black BA72U-BK Lifetime Limited Functional PR98G 42" x 72' BA33U Black BA72U-BK Lifetime Limited Approx. 560# Glass Truck PROSS 42" x 60" **Steel** Annrox 530# BA33U Black BA60U-BK Lifetime Limited Truck Functional Order BA870PP-BK for optional pole padding.

Adjustable Height Ultimate Series

When outdoor playgrounds, camps or resorts demand durability. adjustability and playability - only Bison has a system with gymnasium quality features...The Ultimate Adjustable features a massive, 6" square, 3/16" wall post with a full 40" bury not found on comparable systems from other manufacturers • Deeper bury provides resistance to frost heave in cold climates and improves pole rigidity during aggressive slam dunk action • Choose official size 42" x 72" clear backboard of tempered glass, bullet proof clear polycarbonate or 42" x 60" steel backboard • Height adjusts between 7½' and 10' • Backboard is positioned 50" from the pole at official 10' goal height • Safe play area extends to 60" at 9', 64" at 8', for greater safety at lowered goal height when it is most needed during slam dunk action • The "off-glass" goal mounting eliminates 98% of stress from player contact with the rim • Goal height is easily adjusted from the playing surface using a hand crank with features similar to Bison's gymnasium goal height adjusters • Adjustment mechanism features an enclosed stainless steel lead screw crank • All steel components have a black powder coated or a zinc plated finish • Bison BA33U double-rim flex goal • Entire system, including goal, has a lifetime limited functional warranty regardless of backboard option selected.



PR16 Power Adjust Playground System

A heavy-duty hand crank easily adjusts this system from 7½' to official 10' goal height...Excellent for playgrounds where a wide variety of ages play • 35½" x 54" cast aluminum backboard has an orange border and shooter's square and **unconditional lifetime warranty** • Safe play area is 50" at official 10' goal height • Safe play area increases to 62" at 8' goal height, allowing maximum mobility under the backboard

- 5" square, 1/8" wall steel vertical pole Heavy-duty flex goal Removable pedestal "J" bolt base Order BA870JRPP for optional pole padding Five-year limited warranty on pole system and crank
- One-year limited warranty on goal. Approx. shipping weight: 415#; Truck



Removable Pedestal Base

ADJUSTABLE PLAYGROUND SYSTEMS 🥎





PR94U QwikLift™ 4" Outdoor System

Perfect for daycare playgrounds, camps or other outdoor facilities that cater to a wide age range of basketball enthusiasts...Height adjustable from 7½' to 10' with an easy to operate rear crank • Can be padlocked at any rim height with customer provided lock • 36" safe play area when the goal is at official 10' height • 4" square, 11 ga. removable pedestal mount pole • Black powder coated finish • Durable competition grade breakaway goal with heavy net • Order BA79UPP for optional pole safety padding • Unbreakable 36" x 54" clear polycarbonate backboard with white border and shooters square

• **Unconditional lifetime warranty** on backboard • One year on other components.

Approx. shipping weight: 310#/each; Truck

PR95U QwikLift" 5" Outdoor System

Same great systems as PR94U except with heavier 5" square, 11 ga. pole and larger 36" x 60" backboard

- Order BA870JRPP for optional pole safety padding
- One-year limited warranty on entire system except unconditional lifetime warranty on polycarbonate

backboard. Approx. shipping weight: 350#/each; Truck

QwikChange[™] **Playground Systems** Popular playground features at a popular price...Heavy galvanized 3½" steel pole • 36" x 48"

Tilt and Roll

molded graphite backboard and flex goal adjusts from 7½' to 10' in 6" increments • QwikChange design requires only a pole to change height from the ground • Choose permanent in-ground or portable system • Great for camps, daycares, church parking lots or anywhere kids of all ages gather to play basketball • One year limited warranty.

PR12 **QwikChange**™ **Permanent**

36" ground bury...Optional BA700PP pole safety padding. Approx. shipping weight: 165#; Truck



BA801 **QwikChange**™ **Portable**

Factory installed 350# of ballast...Built-in transport wheels • Order BA801BP and BA700PP for base and pole safety padding. Approx. shipping weight: 450#; Truck





Easy Height Adjustment

BA801BP **Base Padding**

Improve safety with this specially designed pad that covers 360° around the base of the BA801 portable...1" thick foam with sewn cover in black vinyl • Velcro attachment. Approx. shipping weight: 10#; Sm. Pkg.





Shown with Optional BA700PP Pole Padding

All packages on this page have a 72" safe play area, 48" ground bury and lifetime limited pole warranty.





Twin Mega-Duty Packages

If a single mega-duty 59/16" pole is mega duty, imagine the performance you'll get from Twin Mega-Duty playground

basketball systems...With the addition of a Bison official size 42" x 72" competition glass backboard and breakaway goal, you'll have a system that will match or even exceed the playability of any indoor competition system in the industry • Optional features include FBCPP post safety padding and BA72U-BK backboard padding • Great system for camps, parks or school grounds where gymnasium-like features are desired for their outdoor facilities • Choose from 72" safe play area or extended 96" safe play area.

PR99 Package

on BA780T Twin Gooseneck Pole BA42XL Backboard - Competition grade 1/2" tempered glass with bright white, fire impregnated shooter's square and border • Official 42" x 72" size • 72" safe play area . Heavy-duty outdoor flex goal has no contact with the backboard . Heavy aluminum extrusion and steel framework . Lifetime limit-

ed warranty. Approx. shipping weight: 785#; Truck

PR99XL Package

on BA780TXL Twin Gooseneck Pole

Same system as PR99 except Twin Gooseneck pole system has 96" of safe play area instead of 72" for even greater safety during aggressive, high speed play. Approx. shipping weight: 865#; Truck

Extended Mega-Duty Packages

on BA780XL Pole with 96" Safe Play Area

59/16" O.D. pole rigidity now with 8' safe play area... Improves player safety • Some playground locations where play is expected to reach maximum speed and aggressiveness want and need the same 96" safe play area as required in professional, collegiate and top program high school play • Same 59/16" hot dipped galvanized pole as Mega-Duty systems but with added 24" extended safe play area • 48" ground bury • 15/8" backboard braces

- Direct mount goal design Add optional FBCPP pole padding for increased player safety
- Order BA780XL pole and components separately or in packages described below with compatible backboards and goals • Lifetime limited warranty on pole.

PR75XL Package

BA475SS Backboard - Durable, rust-free aluminum • Fan-shaped 35½" x 54" • White powder coated finish . Heavy support ribs

• Orange shooter's square and border • Lifetime limited warranty.

BA39U Goal - Ultimate playground goal • Double, 5/8" steel rim • No-fail netlock adds strength and eliminates netlock breakage • 3/16" thick steel box-style backplate and rim supports

- · Accepts nylon (included) or chain nets
- Unconditional lifetime replacement warranty. Approx. PR75XL shipping weight: 400#; Truck

PR77XL Package

BA47 Backboard - Ultimate playground backboard • Rectangular 42" x 60" • Safety rolled edges . Heavy-duty 12 ga. steel skin

• White powder coated finish • Ten-year limited warranty.

PR75XL

BA39U Goal - Ultimate playground goal • Double, 5/8" steel rim • No-fail netlock adds

strength and eliminates netlock breakage • 3/16" thick steel box-style backplate and rim supports . Accepts nylon (included) or chain nets . Unconditional

lifetime replacement warranty.

PR79XL Package

BA472PC Backboard - Official 42" x 72" size • Perforated style backboard popular on inner city playgrounds • 12 ga. steel skin with heavy steel rear framework • White powder coated finish . Safety rolled edges . 10-year limited warranty.

BA39U Goal - Ultimate playground goal • Double, 5/8" steel rim • No-fail netlock adds strength and eliminates netlock breakage • 3/16"

- thick steel box-style backplate and rim supports · Accepts nylon (included) or chain nets
- Unconditional lifetime replacement warranty. Approx. PR79XL shipping weight: 510#; Truck

PR87XL Package

BA472 Backboard - Rectangular official size 42" x 72" backboard • Safety rolled edges

 Heavy-duty 12 ga. steel skin
 White powder coated finish . Lifetime limited warranty.

BA39U Goal - Ultimate playground goal

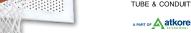
- Double, 5/8" steel rim No-fail netlock adds strength and eliminates netlock breakage • 3/16" thick steel box-style backplate and rim supports
- · Accepts nylon (included) or chain nets Unconditional lifetime replacement

warranty. Approx. PR87XL shipping weight: 515#; Truck











41/2" HEAVY-DUTY PLAYGROUND SYSTEMS

All packages on this page have a 48" safe play area or optional new 60" safe play area, 48" ground bury and 25-year pole warranty.



3½" TOUGH-DUTY PLAYGROUND SYSTEMS 🍈



All packages on this page have a 36" safe play area, 36" ground bury and 10-year pole warranty.

Bison's Tough-Duty 3½" O.D. pole...Provides 36" safe play area • 36" ground bury • Direct goal mount design • Heavy-duty 15/8" diameter braces to support backboard are included • Galvanized pole and zinc plated hardware • 5" x 5" goal mounting pattern • Add optional BA700PP pole padding for increased player safety • Order BA775 pole and components separately or in complete packages as described below • 10-year limited warranty on pole.

PR20 Package on BA775 Pole

BA495 Backboard - Heavy-duty mounting support structure • 12 ga. steel skin • Fanshaped 39" x 54" • White powder coated finish • Ten-year limited warranty.

BA27 Goal - 5/8" steel rim with 1/2" braces and continuous netlocks • One-year limited Warranty. Approx. PR20 shipping weight: 215#: Truck

V PR29 Package on BA775 Pole

BA475SS Backboard - Durable, rust-free aluminum • Fan-shaped 35½" x 54" • White powder coated finish • Heavy support ribs • Orange shooter's square and border • Lifetime limited warranty.

BA27 Goal - 5/8" steel rim with 1/2" braces and continuous netlocks . One-year limited

Warranty. Approx. PR29 shipping weight: 175#: Truck No Substitutions.

PR30 Package on BA775 Pole BA475 Backboard - Unpainted cast

aluminum • Fan-shaped 35½" x 54" • Heavy ribbing for maximum rigidity • Rust-free

• Lifetime limited warranty.

PR20

PR29

BA27 Goal - 5/8" steel rim with 1/2" braces and continuous netlocks . One-year limited warranty. Approx. PR30 shipping weight: 175#: Truck

PR31 Package on BA775 Pole

BA454 Backboard - 12 ga. carbon steel • Rectangular 39" x 54" • White powder coated finish • Perforated shooter's square • Ten-year limited warranty.

BA27 Goal - 5/8" steel rim with 1/2" braces and continuous netlocks • One-year limited warranty. Approx. PR31 shipping weight: 235#: Truck

PR33 Package on BA775 Pole

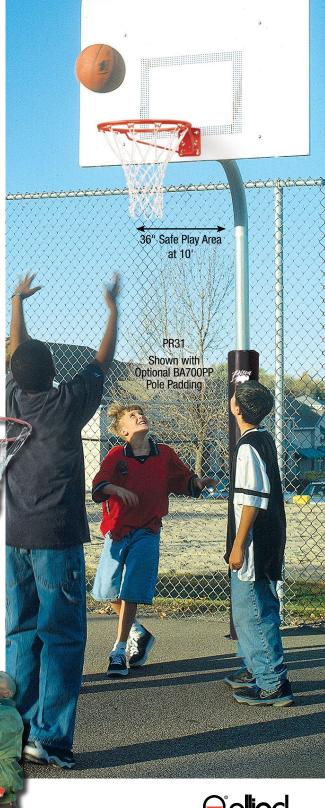
BA475 Backboard - Unpainted cast aluminum • Fan-shaped 35½" x 54" • Heavy ribbing for maximum rigidity • Rust-free

· Lifetime limited warranty.

BA27 Goal - 5/8" steel rim with 1/2" braces and continuous netlocks • Includes TR95 Court Protector removable goal kit to eliminate unwanted play . One-year limited warranty. Approx. PR33 shipping weight: 180#: Truck

PR33

PR30



A PART OF A atkore

www.bisoninc.com

PLAYGROUND BASKETBALL COMPARISON CHART

M	

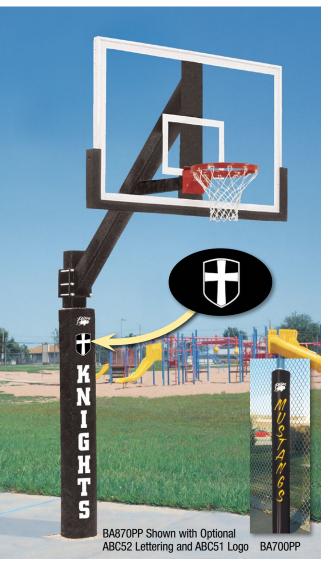
Playground Basketball Packages

Ľ	Model #	Adjustable	Safe Play Area	Pole Finish	Backboard Material	Backboard Size/Shape	Goal Style
Ŀ	4" Squa	re Pole s	See detail:	s on page 8	١.		
F	PR94	Yes	36"	Black	Glass	36" x 54" Rect.	Flex
F	PR94U	Yes	36"	Black	Polycarbonate	36" x 54" Rect.	Flex
ļ	5" Squa	re Pole s	see detail:	s on pages T	19 - 81.		
F	PR15	No	36"	Black	Aluminum	39" x 54" Fan	Flex
F	PR16	Yes	50"	Black	Aluminum	39" x 54" Fan	Flex
F	PR17	No	36"	Black	Steel	42" x 60" Rect.	Flex
F	PR95	Yes	36"	Black	Glass	36" x 60" Rect.	Flex
F	PR95U	Yes	36"	Black	Polycarbonate	36" x 60" Rect.	Flex
	6" Squa	re Pole 🤄	see detail:	s on pages T	78 - 80.	*Ask about available	e 72" Safe Play Area
<i>]</i>	BA871	No	60"*	Black	Steel	42" x 60" Rect.	Double Rim Fixed
<i>]</i>	BA871XL	No	60"*	Black	Steel	42" x 72" Rect.	Double Rim Fixed
E	BA871A	No	60"*	Black	Aluminum	42" x 60" Rect.	Double Rim Fixed
E	BA871A-GV	No	60"*	Galvanized	Aluminum	42" x 60" Rect.	Double Rim Fixed
E	BA873	No	60"*	Black	Glass	42" x 72" Rect.	Flex
E	BA873U	No	60"*	Black	Polycarbonate	42" x 72" Rect.	Flex
F	PR98U	Yes	50"	Black	Polycarbonate	42" x 72" Rect.	Double Rim Flex
F	PR98G	Yes	50"	Black	Glass	42" x 72" Rect.	Double Rim Flex
F	PR98S	Yes	50"	Black	Steel	42" x 60" Rect.	Double Rim Flex
Į	5 ⁹ /16" RC	ound Sing	gle Pole s	see details	on pages 82	- 83.	
F	PR74	No	72"	Galvanized	Polycarbonate	42" x 72" Rect.	Flex
/ F	PR75	No	72"	Galvanized	Aluminum	35½" x 54" Fan	Double Rim Fixed
F	PR75XL	No	96"	Galvanized	Aluminum	35½" x 54" Fan	Double Rim Fixed
F	PR76	No	72"	Galvanized	Steel	39" x 54" Fan	Double Rim Fixed
F	PR77	No	72"	Galvanized	Steel	42" x 60" Rect.	Double Rim Fixed
F	PR77XL	No	96"	Galvanized	Steel	42" x 60" Rect.	Double Rim Fixed
F	PR78	No	72"	Galvanized	Polycarbonate	42" x 54" Rect.	Flex
F	PR79	No	72"	Galvanized	Perforated Steel	42" x 72" Rect.	Double Rim Fixed
F	PR79XL	No	96"	Galvanized	Perforated Steel	42" x 72" Rect.	Double Rim Fixed
F	PR87	No	72"	Galvanized	Steel	42" x 72" Rect.	Double Rim Fixed
F	PR87XL	No	96"	Galvanized	Steel	42" x 72" Rect.	Double Rim Fixed
Į	5 ⁹ /16" Ro	ound Dou	ible Pole	See detai	ls on page 83	•	
F	PR99	No	72"	Galvanized	Glass	42" x 72" Rect.	Flex
F	PR99XL	No	96"	Galvanized	Glass	42" x 72" Rect.	Flex
-	4½" Rou	ınd Singl	le Pole se	e details o	on page 84.		
Š	DD=0	No	48"*	Columnized	Aluminum	35½" x 54" Fan	Double Rim Fixed
	PR50	No	40	Galvanized	7 ((011111101111	00/2 / 0 1 1 011	Bouble Hill Hill
j, F	PR52	No	48"*	Galvanized	Aluminum	35½" x 54" Fan	Double Rim Fixed
8-							
F	PR52	No	48"*	Galvanized	Aluminum	35½" x 54" Fan	Double Rim Fixed
F	PR52 PR55	No No	48"*	Galvanized Galvanized	Aluminum Steel	35½" x 54" Fan 39" x 54" Fan	Double Rim Fixed Double Rim Fixed
F	PR52 PR55 PR60	No No No	48"* 48"* 48"*	Galvanized Galvanized Galvanized	Aluminum Steel Steel	35½" x 54" Fan 39" x 54" Fan 42" x 60" Rect.	Double Rim Fixed Double Rim Fixed Double Rim Fixed
F	PR52 PR55 PR60 PR70 PR70G	No No No	48"* 48"* 48"* 48"*	Galvanized Galvanized Galvanized Galvanized	Aluminum Steel Steel Polycarbonate Glass	35½" x 54" Fan 39" x 54" Fan 42" x 60" Rect. 42" x 54" Rect. 42" x 54" Rect.	Double Rim Fixed Double Rim Fixed Double Rim Fixed Flex
F	PR52 PR55 PR60 PR70 PR70G	No No No No	48"* 48"* 48"* 48"*	Galvanized Galvanized Galvanized Galvanized Galvanized	Aluminum Steel Steel Polycarbonate Glass	35½" x 54" Fan 39" x 54" Fan 42" x 60" Rect. 42" x 54" Rect. 42" x 54" Rect.	Double Rim Fixed Double Rim Fixed Double Rim Fixed Flex Flex
F	PR52 PR55 PR60 PR70 PR70G 3½" ROU	No No No No No No	48"* 48"* 48"* 48"* 48"* Pole Se	Galvanized Galvanized Galvanized Galvanized Galvanized Galvanized	Aluminum Steel Steel Polycarbonate Glass On page 85.	35½" x 54" Fan 39" x 54" Fan 42" x 60" Rect. 42" x 54" Rect. 42" x 54" Rect.	Double Rim Fixed Double Rim Fixed Double Rim Fixed Flex Flex Flex 60" (order BA777UP)
FFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFFF	PR52 PR55 PR60 PR70 PR70G 31/2" ROU	No No No No No No No	48"* 48"* 48"* 48"* 48"* 48"* 6 Pole See	Galvanized Galvanized Galvanized Galvanized Galvanized Galvanized Galvanized	Aluminum Steel Steel Polycarbonate Glass On page 85. Steel	35½" x 54" Fan 39" x 54" Fan 42" x 60" Rect. 42" x 54" Rect. 42" x 54" Rect. *Upgradeable to 6 39" x 54" Fan	Double Rim Fixed Double Rim Fixed Double Rim Fixed Flex Flex Flex 0" (order BA777UP) Fixed
FFFF	PR52 PR55 PR60 PR70 PR70G 31/2" ROU PR20 PR29	No N	48"* 48"* 48"* 48"* 48"* 48"* 6 Pole See 36"	Galvanized Galvanized Galvanized Galvanized Galvanized Galvanized Galvanized Galvanized Galvanized	Aluminum Steel Steel Polycarbonate Glass PA PAGE 85. Steel Aluminum	35½" x 54" Fan 39" x 54" Fan 42" x 60" Rect. 42" x 54" Rect. 42" x 54" Rect. *Upgradeable to 6 39" x 54" Fan 35½" x 54" Fan	Double Rim Fixed Double Rim Fixed Double Rim Fixed Flex Flex Flex O" (order BA777UP) Fixed Fixed



OUTDOOR COURT SAFETY AND SECURITY (**)





Outdoor Safe Stuff™ Pole Padding
Protect players from injury caused by contact with the pole...Bison makes pole padding to fit every pole system we offer • Many styles will also fit other manufacturers' poles, refer to pole description • Velcro® attachment straps • Thick foam covered with all-weather vinyl • One-year limited warranty.

Model	Fits Pole Size/Style	Padding Style	Color	Thickness	Height	Shipping
BA870PP-BK	6" Square Poles, Including Bison's 6" Ultimate Systems	Fitted	Black	1"	74"	Approx. weight: 11#; Sm. Pkg.
BA872PP-BK	All 4 Sides of 6" Square Poles	Fitted	Black	2"	74"	Approx. weight: 14#; Sm. Pkg. Ships Oversize
BA870JRPP	All 5" Square Poles Including PR15 Ultimate Jr. System	Fitted	Black	1"	68"	Approx. weight: 6#; Sm. Pkg.
BA700PP	Any Round or Square Pole to 59/16" Dia.	Wrap- Around	Black	2"	72"	Approx. weight: 11#; Sm. Pkg.
BA79UPP-BK	All 4" Square Poles	Fitted	Black	1"	72"	Approx. weight: 4#; Sm. Pkg.
FBCPP-XX (see page 71)	Any Round or Square Pole to 5 ⁹ /16" Dia.	Fitted	16 School Colors on page 102	5"	72"	Approx. weight: 18#; Sm. Pkg. Ships Oversize

Custom Lettering and Logos for Bison Padding

Show your school spirit with customized padding... Almost any Bison vinyl padding surface can be lettered with up to 10 letters for one low price • All lettering and logos will be sized and spaced by the Bison Art Department based on the size and shape of the padding and the number and style of letters or logo requested • Order multiple ABC51, ABC52, ABC53 for application on multiple sides of padding . Available only on Bison padding.

ABC52 Standard One-Color Lettering

Maximum of 10 letters... Choose from letter styles A, B, C and D ● Must select from colors shown on page 102

ABC53 Second Color Letter Outline Option

Optional addition to letter styles A and B only • Must select from colors shown on page 102.

ABC51 Standard One-Color Logo

Send a logo to Bison Art Department prior to placing order...Artwork subject to pre-approval and hourly BNART artwork charges may apply • Must select from colors shown on page 102 • 12" x 12" maximum size.

ABC52 **Letter Styles**

B ABC A ABC

CABC DABG

ABC53 Second Color Letter Outline Example

A ABC53

RARC53

Outdoor Backboard Padding

This molded DuraSkin padding is similar to that used in high schools, colleges and pro arenas across the country, but designed specifically for outdoor durability...Pad provides protection from player contact with front and side of backboard • Fits most rectangular backboards • Bolt-on design requires backboard frame drilling • One-year limited warranty.

Model	Color	Fits Backboard Width	Approx. Shipping Weight
BA48U-BK	Black	48"	6# Sm. Pkg.
BA54U-GR	Gray	54"	6# Sm. Pkg.
BA54U-BK	Black	54"	6# Sm. Pkg.
BA60U-GR	Gray	60"	8# Sm. Pkg.
BA60U-BK	Black	60"	8# Sm. Pkg.
BA72U-BK	Black	72"	8# Sm. Pkg.



TR95 Removable Goal Bracket Kit

Eliminate theft and unwanted play...Remove goal from the ground using special pole provided • Goal can also be locked into place (padlock not provided) • Bracket will fit most common front mount playground backboards with 5" x 5" or 5" x 4" goal mounting patterns • Use only with Bison BA27, BA37 or BA37N goals (not included)

• Includes bracket, removable pole and mounting hardware • Use with Bison 3½" and 41/2" gooseneck poles only • One-year limited warranty. Approx. shipping weight: 8#; Sm. Pkg.

> Gooseneck Pole and Backboard Not Included

> > **TR96**

TR96 Court Protector Removable Goal Package

Complete with goal, bracket, hardware and removal pole to make outdoor basketball systems usable only when desired... Bison BA37N goal and nylon net can be removed from the specially designed bracket without tools or ladders using the special telescoping pole provided • If desired, goal can be locked in place using padlock (not included) • Package will retrofit to any front mount backboard that uses a 5" x 5" or 5" x 4" goal mounting hole pattern • Use with Bison 3½" and 4½" gooseneck poles only • One-year limited warranty. Approx. shipping weight: 26#; Sm. Pkg.



GOOSENECK AND ADJUSTABLE PLAYGROUND BASKETBALL COMPONENTS

Mix and Match to Create Your Own System!

Choose from 3½", 4½" or 59/16" O.D. poles...Bent gooseneck or adjustable design • Single or double sided (adjustable only) • Direct goal mount improves backboard durability • Heavy-duty 15/8" diameter backboard support braces included • All poles are galvanized for a long, rust-free life • Zinc-plated hardware • Deep ground bury depths • 5" x 5" goal mounting pattern • Industry leading warranties.

3½" Tough-Duty 3½" O.D. pole...36" safe play area. 10-year Limited Warranty

BA775 Gooseneck Approx. shipping weight: 95#; Truck

BA776 **Adjustable** Approx. shipping weight: 125#; Truck

BA776DB Double-Sided Adjustable

Approx. shipping weight: 180#: Truck

4½" Heavy-Duty 4½" 0.D. pole...48" or 60" safe play area. 25-year Limited Warranty

BA777 GOOSENECK 48" safe play area. Approx. shipping weight: 150#; Truck

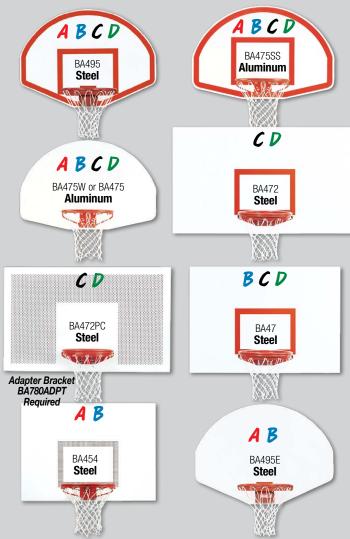
BA777XL Gooseneck 60" safe play area. Approx. shipping weight: 160#; Truck

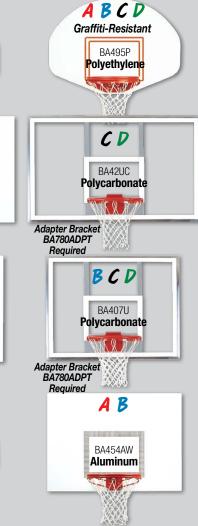
BA778 Adjustable Approx. shipping weight: 175#; Truck

BA778DB **Double-Sided Adjustable** Approx. shipping weight: 240#; Truck

Follow A B C D Recommendation To Choose a Backboard Compatible With Your Pole







BA776A 31/2" **Adjustable Arm** and Braces Only Arm is 31/2" galvanized steel...Adds 3'

extension arm to existing 31/2" diameter poles • 15/8" diameter galvanized braces add backboard support . Existing pole top must be 125" above the playing surface to insure adjustment to 10' goal height . Includes all hardware to mount arm to pole and to backboard • 10-year limited warranty. Approx. shipping weight: 40#; Sm. Pkg.

BA778A 41/2" **Adjustable Arm** and Braces Only

Add 4' extension to existing 41/2" diameter poles that extend at least 125" above playing surface...Includes all mounting hardware and braces • 5" x 5" goal hole pattern • 25-year limited warranty.

Approx. shipping weight: 60#; Sm.Pkg.

BA781A **59/16" Adjustable Arm** and Braces Only

Add 6' extension to existing 59/16" diameter poles that extend at least 125" above playing surface...Includes all mounting hardware and braces • 5" x 5" goal hole pattern • Lifetime limited warranty.

Approx. shipping weight: 87#; Truck



Burv

GOOSENECK AND ADJUSTABLE PLAYGROUND BASKETBALL COMPONENTS 🍩



Bison Makes it Easy to Build to Your Own Specifications Start with a pole selection and note the letter code...The ABCD letter codes on backboards identify those compatible with your pole

 Choose any goal from the selection below to complete your system
 For more details on these components, check the model number index on page 94, product pages listed provide further information.



59/16" Mega-Duty 59/16" OD pole...72" safe play area. Lifetime Limited Warranty

BA780 Gooseneck Approx. shipping weight: 280#; Truck

BA781 **Adjustable** Approx. shipping weight: 320#; Truck

BA781DB Double-Sided Adjustable

Approx. shipping weight: 400#: Truck

59/16 Mega-Duty XL Extended 59/16" O.D. pole... 96" safe play area. Lifetime Limited Warranty

BA780XL Gooseneck 8' **Extended** Approx. shipping weight: 320#; Truck

Note: To order a BA472 backboard for use on any 59/16" diameter pole substitute BA777-HL to insure proper backboard brace length.

Double-Sided Adjustable Pole Systems

Get more play for the money...Single pole, double fun • Playgrounds, parking lots, tennis courts or any hard surfaced play area can turn into a versatile basketball court with maximum play potential • With a single pole installation, you can provide safe play for two pickup games at once • Available in 31/2" diameter x 36" extension (BA776DB), 4½" diameter x 48" extension (BA778DB) and 59/16" diameter x 72" extension (BA781DB) • Order backboards, goals and post padding separately • All major components are galvanized for maximum weather resistance • Order FBCPP for 360° pole contact safety. See shipping weights and warranties above.



Goals Shown Fit Backboards and Poles on These Two Pages



BA77XBR **Backboard Braces Only**

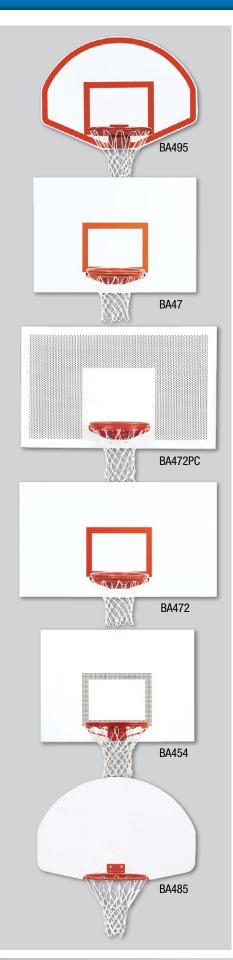
These braces will increase the rigidity of other manufacturers' lower-quality gooseneck pole systems...Set of 15/8" diameter x 36" long, galvanized braces • Formed and punched ends for easy mounting . Includes pole mounting bands for 3½" and 4½" poles and hardware to mount to pole and backboard. Approx. shipping weight: 13#; Sm. Pkg.

BA770SSH Stainless Steel **Hardware**

Complete kit of stainless steel hardware...Order this kit to substitute stainless steel fasteners on any Bison gooseneck pole system. Approx. shipping weight: 3#; Sm. Pkg.



STEEL PLAYGROUND BACKBOARDS



BA495 Fan-Shaped Dura Steel Backboard

Steel and lots of it highlight this 39" x 54" official size steel backboard...

Superior front mount design • 12 ga. skin • 5" x 5" hole pattern • White powder coated finish • Heavy-duty mounting support structure • Standard 20" x 35" fan-type backboard mounting holes • Heaviest backboard of its type • Official orange border and shooter's square • Ten-year limited warranty.

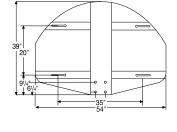
Approx. shipping weight: 100#: Truck

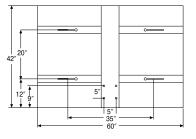
Note: Order BA495E for economy version of this backboard with a 90-day limited warranty. Similar to BA495 but with lighter rear structure and without orange shooter's square.

BA47 Ultimate Rectangular Steel Backboard

Our most popular rectangular playground backboard... 42" x 60" playing surface • Standard 20" x 35" mounting brackets allow easy attachment to any current fan-shaped ceiling or wall mounting structure • All edges safety rolled to eliminate sharp edges, increase strength and rigidity • Excellent rebound

- Regulation orange shooter's square Durable white powder coated finish
- Heavy-duty 12 ga. skin 7 ga. steel support structure 5" x 5" goal mounting hole pattern • Designed for Bison Ultimate pole structures, but will also fit most manufacturers' outdoor pole systems • Ten-year limited warranty
- Lifetime limited warranty when included on a Bison Ultimate system.
 Approx. shipping weight: 145#; Truck





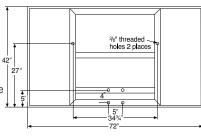
BA472PC Perforated 72" Official Size Steel Backboard

Popular style preferred for use by many inner city playgrounds...

No painted-on shooter's square or border to wear off • Official 42" x 72" size

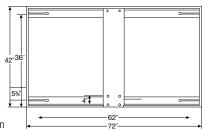
All edges on the 12 ga. skin are triple bent to eliminate sharp edges and improve rigidity and durability
 Heavy tubular frame is mounted to the rear for excellent playability not found on some steel backboards
 White powder coated finish

• 5" x 4" goal mounting pattern • Check drawing before purchasing to mount on existing pole structures • 10-year limited warranty. Approx. shipping weight: 160#; Truck



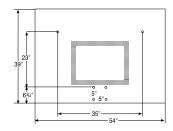
BA472 Ultimate™ Official Size Rectangular Steel Backboard

Our most popular steel backboard is now available in official 42" x 72" size...All edges safety rolled to eliminate sharp edges, increase strength and rigidity • Excellent rebound • Regulation orange shooter's square • Durable white powder coated finish • Heavy-duty 12 ga. skin • 7 ga. steel support structure • 5" x 4" goal mounting hole pattern • Designed for Bison Ultimate pole structures, but will also fit Bison's 59/16" gooseneck and most manufacturers' outdoor pole systems • Ten-year limited warranty • Lifetime limited warranty when included on a Bison Ultimate system. Approx. shipping weight: 160#; Truck



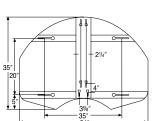
BA454 Perpetual™ Steel Backboard

Perforated shooter's square provides a permanent target that won't deteriorate...39" x 54" rectangular backboard ● 12 ga. carbon steel skin ■ White powder coated finish ● 5" x 5" goal mounting pattern ● Ten-year limited warranty. Approx. shipping weight: 110#; Truck



BA485 Ruff Play™ Rear Mount Steel Backboard

Replace your bent and rusty rear mount backboards...Popular rear mount goal design • Same 20" x 35" mounting structure as all rear mount backboards • 12 ga. skin • Universal goal mounting hole pattern • Recommended for replacement use only • New installations should use BA495 front mount board for maximum fan-steel durability • Extra heavy support structure • White powder coated finish • Official 35" x 54" size • Not compatible with any Bison outdoor pole systems • Five-year limited warranty • Ten-year limited warranty if used with BA31U. Approx. shipping weight: 90#; Truck



Order Goals Separately

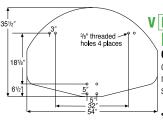
WARNING!

All backboard warranties are invalid when not mounted properly on pole systems or structure with direct rim mount supports.



ALUMINUM AND SPECIALTY BACKBOARDS

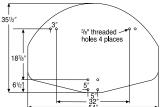




v BA475SS **Lifeguard™ White Aluminum Backboard With Shooter's Square**

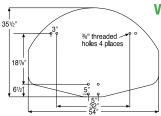
Official shooter's square and orange border on cast aluminum...Same durable, rust-free backboard as BA475 • White powder coated finish • 5" x 5" goal mounting hole pattern • 35½" x 54" • Heavy support ribs • Requires direct mount pole system • Lifetime limited warranty. Approx. shipping weight: 55#; Truck

See Page 19 for BA465 Fiberglass Fan Backboard



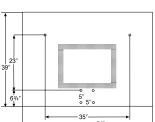
BA475W Lifeguard™ White **Aluminum Backboard**

Cast aluminum with white powder coated finish... Same backboard as BA475SS above except solid white, no orange graphics • Lifetime limited warranty. Approx shipping weight: 55#: Truck



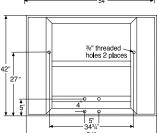
V BA475 Lifeguard™ Cast Aluminum Backboard Unpainted cast aluminum backboard for a lifetime of use without

deterioration...35½" x 54" • No rust, even in the wettest climates • Heavy ribbing for maximum rigidity • 5" x 5" goal mounting hole pattern • Requires direct mount pole system • "As Cast" finish will vary • Lifetime limited warranty. Approx. shipping weight: 55#; Truck



BA454AW Perpetual™ White Aluminum Backboard

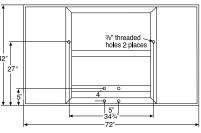
Perforated shooter's square provides a visible target without the deterioration of screened shooter's squares...39" x 54" rectangular backboard with 1/8" thick aluminum skin • White powder coated finish • 5" x 5" goal mounting pattern • Unconditional lifetime warranty. Approx. shipping weight: 55#; Truck



BA407U Unbreakable Polycarbonate Backboard

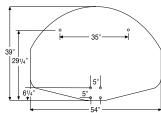
This backboard repels vandalism...Clear, ½" thick polycarbonate material is virtually bulletproof • Top quality appearance for outdoor systems • Extruded aluminum framework is identical to that used on our premium competition glass backboards • Powder coated steel structure absorbs stress of player contact with the goal • 42" x 54" with white shooter's square and border • Lifetime limited warranty. Approx. shipping weight: 130#; Truck

See Page 19 for BA407G Glass 42" x 54" Backboard



BA42UC Unbreakable 72" Official Size Polycarbonate Backboard

Clear, full sized yet bulletproof...72" x 42" clear polycarbonate is a full ½" thick and supported by a heavy-duty aluminum frame and steel rear support structure • Looks exactly like a competition glass backboard with white shooter's square and border • Steel components have a durable powder coated finish • 5" x 4" goal mounting pattern . Check drawing before purchasing to mount on existing pole structures • Lifetime limited warranty. Approx. shipping weight: 230#, Truck



BA495P Rust-Free Polyethylene Fan-Shaped Backboard

Never worry about rusty backboards again...39" x 54" x 1" thick polyethylene back-board • Impervious to coastal salt spray • Bright white front and back molded around orange core . Shooter's square has been machined into face to provide a permanent target not available on other poly backboards • 5" x 5" goal mounting hole pattern • Requires direct mount pole system • Lifetime limited warranty. Approx. shipping weight: 65#; Truck

WARNING!

All backboard warranties are invalid when not mounted properly on pole systems or structure with direct rim mount supports.

Order Goals Separately

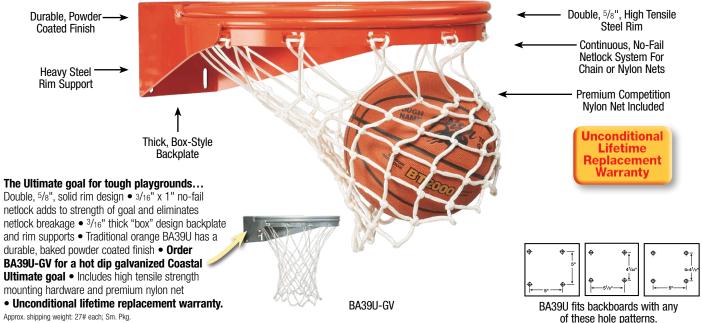




FRONT MOUNT PLAYGROUND GOALS

V BA39U **Ultimate** Front Mount Playground Goal

The first and still the ONLY unconditional lifetime replacement warranty on a basketball goal!





BA33U Double-Rim, Heavy-Duty Flex Goal

The industry's first double-rim flex goal...Low maintenance design can be used indoors or outdoors • 5/s" solid steel rings supported by 3/16" x 1½" rim support • 15° of deflection, auto return • Universal backplate

- No-fail netlock system for chain, nylon or web nets The best of breakaway and double-rim goal designs
- Includes mounting hardware and nylon net One-year limited warranty. Approx. shipping weight: 29# each; Sm. Pkg.

BA32 **Heavy-Duty Side Court and Recreational Flex Goal**The only affordable flex goal built to take the abuse of playground, gym or home use...Simple,

low-maintenance design can be used indoors or outdoors • 5/8" steel rim supported by 3/16" x 11/2" support • 15° deflection, auto return • Durable, orange, baked powder coated finish • Not approved for interscholastic high school or collegiate play • **Universal backplate** • Includes mounting hardware and nylon net • One-year limited warranty. Approx. shipping weight: 22# each; Sm. Pkg.

BA37N Front Mount Double-Rim Goal with No-Tie Netlocks

Super strong, super goal...Double 5/s" steel ring for extra durability ◆ Twelve no-tie netlocks to accept nylon net
• 3/1s" thick universal backplate • Packaged two goals per carton • Includes mounting hardware and nylon net • One-year limited warranty. Approx. shipping weight: 36#/pair; Sm. Pkg.

BA37 Front Mount Double-Rim Goal

Double rim for durability, two rim support braces for added strength... 3/16" steel **universal backplate** fits all front mount boards • Bottom ring is ½" diameter and formed to accept either BA53 chain net (included) or BA50 premium steel net (optional) • Packaged two goals per carton • Includes mounting hardware • One-year limited warranty. Approx. shipping weight: 36#/pair; Sm. Pkg.

BA28 Magnum™ Heavy-Duty Playground Goal

Maximum strength for Magnum force... Goal has extra thick 3/4" diameter ring, 5/16" thick universal backplate and 5/8" rim support • Continuous netlocks • Fits all front mount backboards • Ideal for courts where conditions call for maximum strength but a double rim is not desired • Packaged two goals per carton • Does not meet NCAA or high school standards for competition • Includes mounting hardware and nylon net • Two-year limited warranty. Approx. shipping weight: 42#/pair; Sm. Pkg.

BA27A Front Mount Super Goal

Excellent upgrade from standard front mount goals at lower cost than double rim or breakaway goals...Full 5/8" computer designed reinforcing bar gives "super support" when player suspends from goal

• Additional 5/8" brace at the vulnerable joint between rim and backplate • Continuous netlocks • 1/4" thick steel universal backplate • Durable, baked powder coated finish • Packaged two goals per carton • Includes mounting hardware and nylon net • Two-year limited warranty. Approx. shipping weight: 34#/pair; Sm. Pkg.

BA27 Standard Front Mount Competition Goal

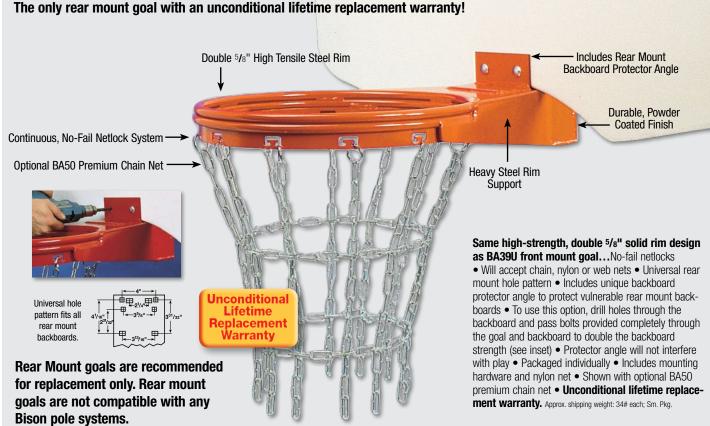
Universal backplate of ³/16" steel for mounting to virtually all boards, institutional and home...
½" reinforcing bar, computer engineered for maximum support • Continuous netlocks • High-penetration continuous welded joints • Durable, powder coated finish • Packaged two goals per carton • Includes mounting hardware and nylon net • One-year limited warranty. Approx. shipping weight: 25#/pair; Sm. Pkg.





BA31U **Ultimate** Rear Mount Playground Goal

The only rear mount goal with an unconditional lifetime replacement warranty!



BA32RXT FlexCourt™ Rear Mount Flex Goal

Ideal for outdoor playgrounds or indoor courts with rear mount fan-shaped steel backboards...Same heavy-duty design as Bison BA32 front mount flex goal • Double steel die spring action • Built to absorb stress from aggressive action around the rim • Helps protect vulnerable steel backboards from damage • Universal backplate mounts to all rear mount backboards • Official 5/8" diameter ring • Heavy 3/16" thick rim support • Includes mounting hardware and nylon net • One-year limited warranty. Approx. shipping weight: 20# each; Sm. Pkg.

BA31N Rear Mount Double-Rim Goal with No-Tie Netlocks

Double 5/8" rim for extra durability in unsupervised applications...Universal backplate mounts to all rear mount backboards • Baked powder coated finish • Packaged two goals per carton • Includes mounting hardware and nylon net • One-year limited warranty. Approx. shipping weight: 46#/pair: Sm. Pkg.

BA21A Rear Mount Super Goal

Stronger than other manufacturers' standard rear mount goals...1/4" continuous welded support ring for over half of the rim circumference . Continuous netlocks . Additional bracing at the backplate joint gives greater strength when player suspends from goal • 3/16" Universal backplate mounts to all rear mount backboards • Durable powder coated finish • Packaged two goals per carton • Includes mounting hardware and nylon net • Two-year limited warranty. Approx. shipping weight: 38#/pair; Sm. Pkg.

BA21 Standard Rear Mount Competition Goal

Replace bent and broken goals on any brand of rear mount backboard...Heavy-duty 3/16" welded backplate assembly • 3/16" support ring for over ½ of the rim circumference • Continuous netlocks • Universal backplate mounts to all rear mount backboards • Durable powder coated finish • Packaged two goals per carton • Includes mounting hardware and nylon net. • One-year limited warranty. Approx. shipping weight: 38#/pair; Sm. Pkg.

Rear mount goals are recommended for replacement only. Rear mount goals are not compatible with any Bison pole systems.





OUTDOOR BASKETBALL ACCESSORIES





BA53





BA56W

BASKETBALL COURT STENCIL

TBALL COURT STENCH

CM100



BA50 **Premium Steel Playground Safety Net**This chain net will virtually eliminate the risk of loose and dangling chain links found on other chain nets...All links are welded into closed loops to eliminate separation caused when chains are stretched during play • Extra heavy-duty "S" hooks are used for attachment to any style or make of goal • Zinc plated and three times heavier than normal chain nets • Two-year limited warranty. Approx. shipping weight: 3#; Sm. Pkg.

BA53 **Standard Chain Net**

Heavier than most other manufacturer's chain playground nets...Outperforms common nylon nets • The heavy-duty "S" hooks attach to any style of goal • This is the standard net provided with Bison BA37 goal • Zinc plating provides protection from the weather. Annrox shinning weight: 2#: Sm. Pkg.

BA51H Anti-Whip Net Order BA51H-PK for a pink net.

Competition grade, affordable price...Heavy braided nylon to reduce net whip common with lighter weight nets • Bright white • Use for competition or as upgrade to normal residential or playground string nets. Approx. shipping weight: 1#; Sm. Pkg.

BA501H Standard Competition Net (not shown)

Heavier than nets generally supplied with goals...Braided nylon • Bright white

• Excellent value. Approx. shipping weight: 2#; Sm. Pkg.

BA52H **Economy Basketball Net** (not shown)

Weather-resistant nylon net will fit on any style goal...Our most affordable net. Approx. shipping weight: 1#; Sm. Pkg.

BA56W Weld-On Repair Netlocks

A must for every park and recreation maintenance department...Low cost standard netlocks can be welded on in the shop • 12 per package. Approx. shipping weight: 1#; Sm. Pkg.

BA10 Replacement Shooter's Square

Ready-to-apply, official size, vinyl shooter's square will renew the look of your painted steel, wood or fiberglass backboards...Applies easily without messy adhesive or paint • Makes backboards good as new • Same heavy-duty, self-adhesive vinyl used for exterior automotive detailing • Installs in five minutes • Instructions and applicator included. Approx. shipping weight: 1#; Sm. Pkg.

CM200



BA51H

CM100 Court Marking Kit

Single use stencil kit makes marking the free throw lane and three-point line

easy...Improves the value of driveway practice for players who play

competitively . Kit includes 2 cans of CM111 high quality, specially formulated court marker paint • Order CM100S for Court Marking Stencil without paint. Approx. shipping weight: 8#; Sm. Pkg. No Air Shipments

CM200 Three-Point Reusable Steel Court Stencil

No more flimsy paper or plastic stencils that tear or blow in the wind... Easy-to-use stencil kit marks court after court with sharp straight lines • Minor cleaning of paint build up will allow stencils to last virtually forever • Kit includes 20 ga. steel stencils to paint 1½" wide base line, lane, free-throw line, top of key and official high school three-point line • Requires 2 to 3 cans of Bison CM111 Court Marking Spray Paint or similar product for each complete court • Stencil kit is ideal for park departments, school district maintenance departments, playground installation crews or anyone wanting a quality outdoor basketball court. Approx. shipping weight: 55#; Sm. Pkg.

CM111 Court Marker Paint

Specially formulated, white spray paint is designed to last... Easy-spray nozzle • 18 oz. can • Requires 2 to 3 cans per complete court • Order CM111CS for 12 can case quantity. Approx. shipping weight: 1#; Sm. Pkg. No Air Shipments



Urban Prairie Outdoor Furnishings

You've long valued the quality, safety and customer service that have made Bison a leader in the sports equipment industry. Bison now offers a premium lineup of landscape site furnishings to satisfy park and recreation, municipal and commercial development needs. All Bison site furnishings feature 100% welded designs that carry a limited lifetime structural warranty. All benches and litter receptacles are available in either black or forest green two layer powder coated finish with 10-year warranty. Bike storage pods are also available with a hot dip galvanized finish.

Our lineup includes both customized and in-stock standard benches, trash, recycling and planter receptacles, tables and chairs and bike security pods. When you choose Bison landscape site furnishings, you can be assured that you'll be getting the very best products available in the market today.



CHICAGO SFB201

SFB201 Customized 72" Urban Prairie Straight Backed Bench

Your facility is special...Make sure your site furnished benches are special too
• These 72" benches can be laser cut with lettering or logos to give your
landscape that something extra • 100% welded steel construction with solid 1"
square legs and arm rest assembly ends • One-piece laser cut seat and back are
a full 10 ga. (.134") thick with comfortable ergonomic curves • Bolt to pavement
or leave freestanding. Approx. shipping weight: 300#/each; Truck



Logo Option



SFC200 Customized Urban Prairie™ Individual Seating

Every seat is a special seat...When you add lettering or logos to our durable and comfortable outdoor chairs • 100% welded for lasting durability • 10 ga. (.134") seat and back, ¾" square tubular legs and arm rests • Lifetime limited structural warranty, 10-year limited finish warranty. Approx. shipping weight: 50#/each; Truck

SFB202 Customized 72" Urban Prairie Backless Bench

Want seating access from either side of a bench?...This is the bench for you ● The 18" wide seat surface allows addition of lettering or logos to highlight your city, commercial development, zoo or other outdoor landscape space ● Legs and arm rests are constructed of 1" solid steel bar and are 100% welded to the 10 ga. (.134") laser cut and formed seat allowing us to offer a lifetime limited structural warranty ● 10-year finish warranty.

Approx. shipping weight: 225#/each; Truck





LANDSCAPE SITE FURNISHINGS



SFC100 Urban Prairie[®] Individual Seating

Outdoor time is meant to be enjoyed...

Enjoy it more with the comfort of Urban Prairie seating • Entire chair is welded prior to powder coating for maximum durability including a lifetime limited structural warranty • Generous and comfortable 19" seat width, ergonomic arm rests and contoured seat and back rest make Urban Prairie seating a great choice • ¾" square tubular legs and ½" thick x ½" wide steel slat chair back and seats.

Approx. shipping weight: 50#/each; Truck



SFB101 72" Urban Prairie Straight Backed Bench

Traditional park and streetscape design and superior durability...Our most popular public seating option • 100% welded steel construction so there is no hardware to loosen over time • Contoured vertical ¼" thick, 1½" wide slats are as comfortable as they are durable • Leg assemblies are 1" square solid steel with built-in arm and foot rests that allow portable or bolt down use • Superior construction allows us to offer an unheard of lifetime limited structural warranty. Approx. shipping weight: 250#/each; Truck



SFT100 Urban Prairie™ Group Table

Meeting friends, sharing food, drink and conversation or just enjoying the great outdoors are all enhanced with the right site furnishings...Sturdy, comfortable and landscape compatible features make these tables a great choice • 42" round top and freestanding pedestal base seats 4 or 5 comfortably • Unique tubular table top edge treatment adds safety and comfort • Easy base adjustment design eliminates table wobble common when tables are placed on uneven outdoor or indoor poured concrete or brick surfaces • Table is one-piece, 100% welded assembly • Order chairs separately. Approx. shipping weight: 475#/each; Truck

SFB102 72" Urban Prairie™ Backless Bench

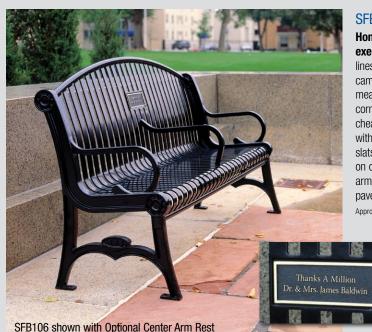
Simple, unobtrusive and highly functional with a touch of class... Urban Prairie backless benches are the perfect solution for many city landscape projects \bullet The 1" solid steel bar ends include integrated arm rests \bullet Comfortable 18" wide seat area can be used equally from either side allowing maximum flexibility and site space efficiency \bullet ½" x 1½" slats are edge rolled and welded to 15/16" diameter steel tubing for a finished look and elimination of sharp edges that snag clothes or scratch legs on cheaper benches that often look similar \bullet Permanently mounts to hard surface or leave portable if desired

• Limited lifetime structural warranty. Approx. shipping weight: 200#/each; Truck





LANDSCAPE SITE FURNISHINGS



SFB106 72" Arched Back Memorial Bench

Honor a friend, family member or a donor with a park bench that exemplifies your appreciation...Classic cast steel ends and sweeping lines will enhance any landscape in parks, zoos, museums, college campuses or anywhere people gather and relax • Fully welded construction means no assembly or wobbly and loose hardware • Every edge, every corner, every weld is smooth and clean to eliminate problems common with cheaper benches • Compare our ¼" thick x 1½" wide vertical slat design with lesser quality benches that often use only 3/16" or even 1/8" thick seat slats • Seat surface is ergonomically contoured for comfort not often found on outdoor steel benches • Includes plaque • Optional no cost center armrest, must be requested at time of order • Mount permanently to pavement or leave portable for maximum site flexibility.

Approx. shipping weight: 325#/each; Truck

SFR245 Customized Urban Prairie Recycling Collector

Go green...With these bright blue recycling receptacles • 36 gallon capacity • Laser cut top with recycling logo to insure recycling only use • Work with our sales department to include lettering or logos to build pride in your city, park, zoo, campus or commercial development • 3/16" laser cut outer drum • 100% welded construction is powder coated with recycling blue, 10-year limited finish warranty • Rigid poly liner included • 24" diameter x 38" high.

Approx. shipping weight: 375#/each; Truck



Universally popular...Ready to ship • Same features as SFR245 except does not include custom lettering and logo options • Same durability, warranties, size and recycling blue finish. Approx. shipping weight: 375#/each; Truck

Go green...With with recycling log lettering or logos • 3/16" laser cut 10-year limited f Approx. shipping weight SFR145F Ur Universally por custom lettering Approx. shipping weight

SFR060

SFR060 **Urban Prairie™ Pole Mounted Planter**

Make your sidewalks and streets bloom...With Bison pole mounted planters

- Same vertical slat design as SFR050 except 16" tall, perfect for flowering plants
- Includes perforated planter liner.

Approx. shipping weight: 30#/each; Sm. Pkg.

SFR250 Customized Urban Prairie™ Pole Mounted Litter Collector

Keep your streets litter free...With a litter receptacle on every light pole ● Approximately 10-gallon capacity, these compact litter receptacles have plenty of room to add lettering or logos to compliment your park or cityscape ● Pole mounted receptacles are easy to empty with rigid plastic removable liners ● Approximately 12" diameter and 24" high ● Customer supplies pole mounting band clamps.

Approx. shipping weight: 40#/each; Sm. Pkg.

Approx. shipping weight: 40#/each; Sm. Pkg.

SFR050 Urban Prairie Pole Mounted Litter Collector

Fits any landscape or streetscape design...
Popular vertical slat design • Same design
features as its customized cousin above.





LANDSCAPE SITE FURNISHINGS





SFR236F



SFR136F



SFR136D



SFR140F



SFR140D

SFR236D Customized Urban Prairie™ **Domed Litter Collector**

Collect litter with style...Use lettered containers or add a logo • 36 gallon capacity, 100% welded, 3/16" rolled steel design ● Dome top to reduce rain, snow and unwanted trash • Includes rigid polyethylene liner, 24" diameter and 38" high. Approx. shipping weight 300#/each; Truck

SFR236F Customized Urban Prairie™ **Flat Top Litter Collector**

Easy access...Increases litter collection • Same feature as SFR236D except top has flat design instead of dome. Approx. shipping weight: 300#/each; Truck

SFR136F Urban Prairie™ Flat Top **Litter Collector**

Popular contemporary design meets function...The perfect balance for many projects • 3/16" laser cut rolled exterior with 100% welded bottom and top support structure • 36 gallon capacity poly liner (included) • Can be permanently bolted to a hard surface or used as a movable freestanding collector • Lifetime limited warranty on structure • 24" diameter and 38" high. Approx. shipping weight: 300#/each; Truck

SFR136D Urban Prairie™ Domed **Litter Collector**

Great look, long life and a raised dome...A great combination • Same as SFR136F above but with added dome feature • Lifetime limited warranty on structure • Bolt to flat surface or allows flexible freestanding use • Includes heavy 36 gallon poly liner. Approx. shipping weight: 300#/each; Truck

SFR140F Urban Prairie™ Flared Flat Top **Litter Collector**

Keep parks, sidewalks, ball fields and other public gathering places litter free...And do it in style • Attractive tapered top design catches and holds more litter • Vertical slat design is the perfect complement to our vertical slat benches and will enhance any landscape, streetscape or park • 100% welded 5/16" thick x 11/2" wide slats with additional heavy steel support structure • Removable flat lid design allows easy top emptying of the 40 gallon, 3/16" thick poly liner drum (included) • Approximately 28" diameter and 40" tall • Can be permanently mounted or used freestanding. Approx. shipping weight: 275#/each; Truck

SFR140D Urban Prairie™ Flared Domed **Litter Collector**

Same great litter collector as SFR104F...With the added feature of a raised covered top • 40 gallon capacity poly liner • 28" diameter, 46" high

• Top loading and unloading. Approx. shipping weight: 275#/each; Truck





SFK307 High-Low™ 7-Bike Storage Pod

Maximum capacity - minimum space...Attractive and durable 23/8" diameter bent pipe design holds up to 7 bicycles • 100% welded construction with lifetime limited structural warranty • Surface mount allows retrofit on concrete sidewalks, parking lots or medians • Choose hot dip galvanized or textured powder coated finish • Base mounting hardware not included. Approx. shipping weight: 80#/each; Truck



SFK102 Inverted U[™] 2-Bike Storage Pod

Mount individually...Or mount in groups for maximum flexibility • Fits well in tight spaces or low bike traffic areas but are also used in any quantity and configuration • 23/8" diameter heavy steel pipe with welded base plates • Inverted U pods are available either hot dip galvanized or with a textured powder coated finish • Lifetime limited structural warranty. Approx. shipping weight: 35#/each; Sm. Pkg.



SFK202 Post Style 2-Bike **Storage Pod**

Small area...No problem with post style bike pods • Each 4½" diameter steel post has two bike attachment rings • 100% welded construction with top cap and heavy surface mount plate • Order SFK203 for the same item designed to be permanently embedded in concrete instead of surface mounted • Mounting hardware not included

- Mount individually, in rows or groupings
- Your choice of a textured powder coat finish or a hot dip galvanized finish. Approx. shipping weight: 40#/each; Sm. Pkg.



BA9001

The **Patriot** Flag Pole

Display your American patriotism or fly your school or state flag on this commercial quality tapered brushed aluminum pole...

5" diameter at base and rises 25' high allowing attractive flying of the 4'x 6' American flag included in the package

• Pole easily mounts to the 36" deep foundation with four ½" J bolts that can be used for perfect leveling • System includes external rope lanyard and hardware, in-ground base components and flag. Approx. shipping weight: 250#; Truck

BA9000F 4' x 6' Nylon Replacement Flag

Heavy-duty flag for indoor or outdoor use...Double stitched with heavy-duty grommets.

Approx. shipping weight: 2#; Sm. Pkg.



36" Deep Foundation





How to Select a Basketball System for Your Home

Choosing between a fixed height and an adjustable pole system...Make this decision based upon the ages of the players and the level of basketball you want to play. The official high school and college competition goal height is 10', but a new basketball system fixed at 10' will be a big disappointment to youngsters learning to get the ball to the goal. Most young players and teens will also want to lower the goal below 10' for slam dunk action. A 10' fixed-height goal is appropriate if you want to play only at the official competitive height.

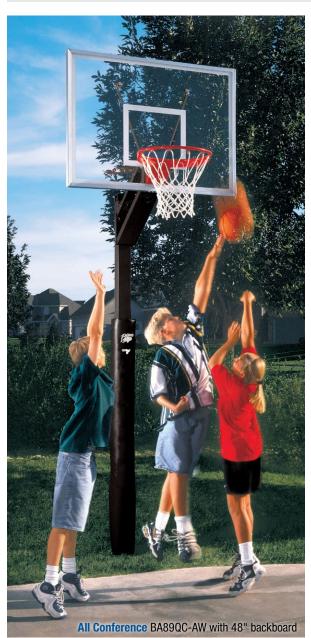
The backboard material affects the quality of play...Glass is used for all competition backboards in high school, college and pro arenas because a glass backboard gives the best ball rebound. A home court with a Bison TruGlass backboard is the best training ground for competitive-level skills. Clear acrylic backboards, which give the look of glass, and backboards of graphite or fiberglass all have aesthetic, durability or price benefits — but none of these compare to the playability of glass.

Look for durability to ensure years of family fun...Beware of basketball equipment makers that litter neighborhoods with rusty, tilting poles, backboards that age too soon and sagging goals. Compare features to get a clear picture of what you can expect your system to look like in the years ahead. Bison's warranties will give you confidence that your equipment will stand up to years of use.

Safety is not an option. Generous setbacks and pole padding are essential...The distance between the pole and the backboard ranges from 22" to 60" on Bison pole systems. There's no one blowing a whistle under the boards in most driveway games. If you expect aggressive play, you should consider a greater safe play area. Pole and backboard padding also add a measure of safety when there is rough-housing on your court. In the interest of your kids' safety, Bison makes SafeStuff pole padding standard on every residential system.

Consider where the system will be installed...Will your system be installed on a driveway in the front of the house? On the side, or out of sight in the back yard? Street appeal and coordination with your home and landscape should influence your purchasing decision in more visible areas. Choose a system that complements not overwhelms your home and landscape.

Plan for your family's future... Select a system that will keep up with changing skill levels. If you want your youngsters to play with you now and on a competitive team in the future, you should carefully consider pole and backboard rigidity. Always select equipment warranted to stand up to active play. And look for equipment that won't detract from the value of your landscape.



4" **QwikChange** Adjustable Basketball System

Hard work and dedication pay off on the court and in the design and manufacture of quality equipment as well... Bison's 4" square QwikChange poles have 75% more steel than common round poles • One of these systems is going to look great in your driveway for years to come! • It's going to grow with your kids, too. Height adjusts from 7½' to 10' in 6" increments. • The height adjustment mechanism has over ten times the pivot contact area of commonly compared round pole systems, so go ahead and let them slam dunk! • The mounting design for the pro-style flexible goal transfers playing stress to the pole, protecting the backboard.

Approx. shipping weight: 150#; Truck

- Clear Acrylic Backboard
- 22" Safe Play Area at 10'
- Aluminum Backboard Frame
- QwikChange Height Adjustment
- Fast Break Flex Goal
- Backboard Protecting Direct Goal Mounting
- Four Backboard Braces for Added Support
- Textured Black Powder Coated Pole Finish
- Approx. 30" Deep Bury
- **FREE** Fitted Pole Padding



Easy Height Adjustment

"No matter where I find myself coaching, playing or watching basketball, I expect quality equipment. For my backyard court, I chose Bison so no matter what the level of play, I know the game

is authentic. I especially value the fact that every Bison residential system comes standard with SafeStuff pole safety padding."



Bill Self, Head Men's Basketball Coach University of Kansas Jayhawks



Understand What You are Buying

Understanding what you're buying is key to getting the right basketball system for your home. Bison uses the following terms to help point out key features and differences on our systems.

Safe Play Area... As the name implies, the greater the safe play area the greater the player safety during aggressive play. Safe play area is the distance from the face of the backboard to the pole. On a competition indoor court the distance from the face of the backboard to the out-of-bounds line is 48". Safe play area is particularly important on systems that are regularly lowered for slam dunk action.

SafeStuff[™]...Only Bison SAFEStuff includes a pole pad with every residential system. We call this feature SafeStuff because we don't think player safety should be optional.

DuraSkin®...In the late 1980's Bison developed a dense molded bolt-on backboard padding system that was durable for indoor or outdoor use. Often imitated, but never equalled, DuraSkin is available as an option on any rectangular backboard. Backboard padding is required at all levels of official college and high school play to protect players from backboard contact.

Direct Goal Mounting...Backboard durability is virtually a non-issue on a Bison system due to the goal mounting system that effectively mounts the goal through the backboard and directly into the steel pole structure. There is almost no stress put on the backboard even during slam dunk action.

Flex Goal...Bison flex goals are designed with many of the same durability features of our competition breakaway goals but require less pressure to release. This improves player safety and rim life. Flex goals will hold up in any climate.

Direct Bury...This method of installing a pole system inserts the pole into the ground between 30" and 48" depending upon the size of the system. Concrete is placed around and in the bottom of the pole making the installation permanent. Ground sleeves are available for 4" direct bury poles to make removal possible.

Pedestal Base Mounting...Many Bison systems have a mounting plate on the bottom of the pole that allows them to be bolted onto (and unbolted from) a poured foundation with protruding threaded bolts. This lets you easily take your investment with you when you move.

Powder Coated Finish... Powder coating provides a finish that is far superior to a finish from a wet spray paint system. In addition to beauty and durability, powder coating is environmentally and employee friendly, without the hazardous waste and toxic fumes common with the wet paint process.

TruGlass™...Bison pioneered the use of actual tempered glass on residential basketball systems over 25 years ago. Over the years an ever increasing number of homeowners have recognized the superior rebound of TruGlass. Today Bison sells only TruGlass on most systems.

Acrylic Backboard...While tempered glass is the norm in virtually every gymnasium in the country, home backboards have traditionally been constructed of clear acrylic, a plastic material, due to cost and other considerations. Acrylic provides the look but not the rebound of tempered glass.

See pages 78-80 for 6" Pole Systems with official 72" wide glass backboards.

4"& 5" QwikLift Adjustable Basketball Systems

No major manufacturer has a longer history of building crank adjustable residential basketball systems with tempered glass backboards than Bison...And no one else takes player safety so seriously that FREE Safe Stuff pole padding is included on every residential system • QwikLift is our newest offering and includes such popular premium features as a removable pedestal base, tempered clear TruGlass backboard, full 36" safe play area at 10' goal height and extended 42" at 8', easy-to-operate rear goal height adjustment crank, competition grade breakaway goal, free pole safety padding and limited lifetime warranties on backboard, goal and entire pole system • Choose an Atlantis 4" pole with 54" backboard or an Olympus 5" pole with 60" backboard. Either way, you'll be a hero to your kids when you put one of Bison's premium QwikLift basketball systems in your driveway.

Clear TruGlass Tempered Glass Backboard

Approx. shipping weight: 310# (4"), 350# (5"); Truck

- Gymnasium Quality Heavy-Duty Competition Flex Goal
- **Backboard Protecting Direct Goal Mounting**
- Textured Black Powder Coated Pole Finish
- **QwikLift Rear Crank Height Adjustment**
- Choose 4" or 5" Pole
- 36" Safe Play Area at 10'
- Aluminum Backboard Frame
- **Goal Height Indicator**
- Infinitely Adjustable from 7½' to 10'
- FREE Fitted Pole Padding
- Removable Pedestal Base
- Optional Backboard Padding



Infinite Goal Height Adjustment



Easy To Read Goal **Height Indicator**







You'll see and feel the difference between Bison ZipCrank systems and other manufacturers' systems...Bison uses our experience as a manufacturer of competition grade equipment to offer TruGlass tempered glass backboards that give players a more realistic rebound • Every backboard has an aluminum frame just like those in the gym . The extra heavy poles and front crank style height adjustment are designed to change the height of the breakaway goal from 71/2' to 10' with the turn of the removable crank handle • As an added bonus, Bison ZipCrank systems can be mounted closer to fences, walls or other obstacles than rear height adjustment systems • All systems include free fitted pole padding. Approx. shipping weight: 250# (4"), 325# (5"); Truck

- Clear TruGlass Tempered Glass Backboard
- Choose 4" or 5" Direct Bury Pole
- **Gymnasium Quality Heavy-Duty Competition Flex**
- Backboard Protecting Direct Goal Mounting
- Textured Black Powder Coated Pole Finish
- 30" Safe Play Area
- **Aluminum Backboard Frame**
- ZipCrank Front Crank Height Adjustment
- Removable Hand Crank Prevents **Unwanted Adjustment**
- Goal Height Indicator
- FREE Fitted Pole Padding
- Optional Backboard Padding









Full Color Graphic Printing Options

While it is theoretically possible to print any color with our 4-color Sport Pride graphic printing process, refer to the chart on the right as a basic guide to color selection. Our graphic designers will work with you for a final color and design selection. Sport Pride graphic printing is available on gym and outdoor wall padding, scoring tables and some additional padding and banner products. Inquire about custom color availability.



RY-Royal

FG-Forest

Green

OR-Orange

BR-Brown

FG-Forest

OR-Orange

RR-Brown







NY-Navv

GL-Athletic PR-Purple

KL-Kelly Green

BO-Burnt Orange

MR-Maroon

CL-Columbia Blue



VG-Vegas Gold



Solid Color Vinyl Padding Options

Single solid color, vinyl padding can be selected from the colors at right. Product examples include: volleyball post and base padding, football post padding, T-Rex and other portable basketball padding, solid color wall or outdoor padding, team stools, solid color scoring table padding; lettered wall, outdoor or scoring table padding background color.

Note: Pink is only available on wall padding and volleyball post padding

Note: Dark Royal is only available on wall padding and volleyball post padding.



PK-Pink







PR-Purnle

CD-

Cardinal





MR-Maroon



CL-Columbia Blue

GR-Gray

Green

BO-Burnt

CD-

VG-Vegas Gold



Printing Colors on Padding with 1- or 2-Color Lettering or Logos

Add any one or two colors shown at right to print on solid color vinyl padding. See ABC50, ABC51, ABC52 and ABC53 for printing options.



FG-Forest Green

PR-Purple









GR-Gray





NY-Navv







VG-Vegas Gold



Ready to Apply (RTA) Adhesive Vinyl Lettering Colors

Select from vinyl colors on right to add custom lettering to ball carts, equipment carts and other powder coated steel sports equipment surfaces. See ABC92 for details.



Columbia Blue





BK-Black





GL-Athletic Gold









CD-Cardinal BO-Burnt Orange







MR-Maroon

FG-Forest Green







Color Options for Aluminum Bench and Bleacher Seats

4', 71/2', 15' and 21' length aluminum seats and backs can be finished in any of the colors shown at right.



PR-Purple



MG-Metallic



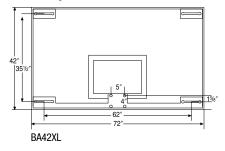


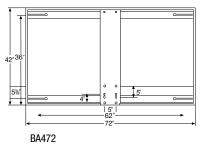
BK-Black

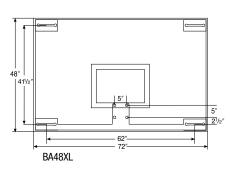
WT-White

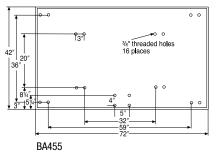
BACKBOARD AND GOAL DIMENSIONS

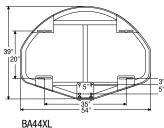
Competition BackboardsDetails on Pages 18 and 19

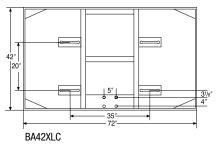


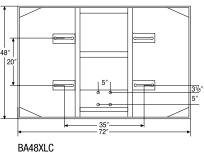


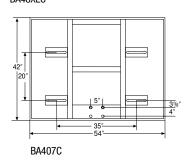


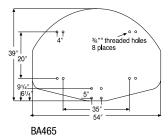


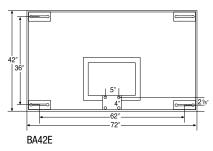


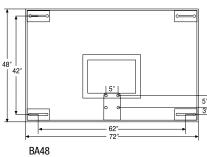


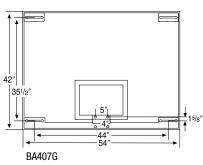


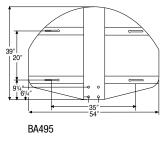












A picture is worth a thousand words... send us yours! E-mail photos or videos to photoeng@bisoninc.com for expert installation assistance, help with warranty issues, product suggestions, and general questions. Large files should be sent via sendspace.com or request Skype information for real-time problem solving.



Bison Universal Backplate Fits All A through H Hole Patterns on Front Mount Goals







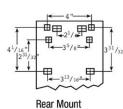








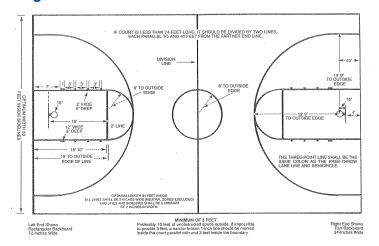




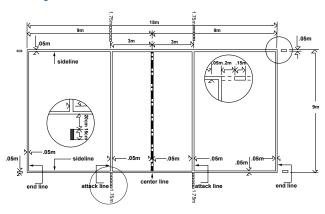


COURT & FIELD DIAGRAMS

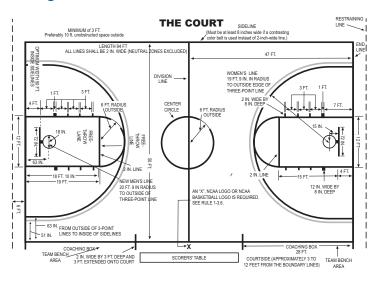
High School Basketball



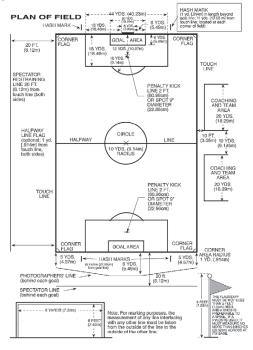
Volleyball



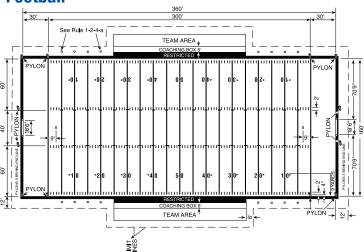
College Basketball



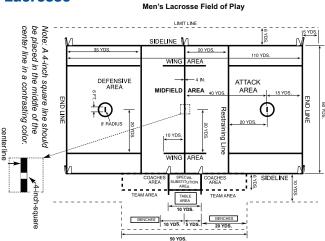
Soccer



Football



Lacrosse

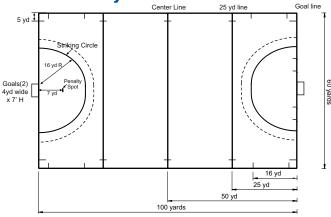


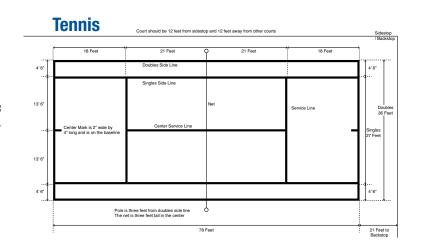
These court and field diagrams are provided for general reference only. It is your responsibility to confirm current rules and dimensions for your specific needs.



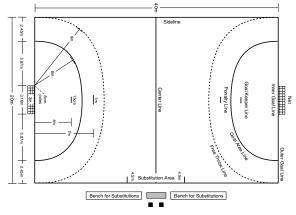
COURT & FIELD DIAGRAMS

Field Hockey

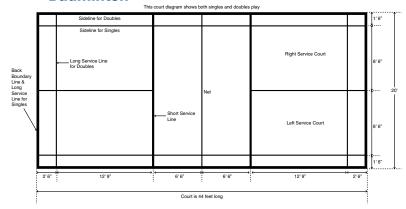




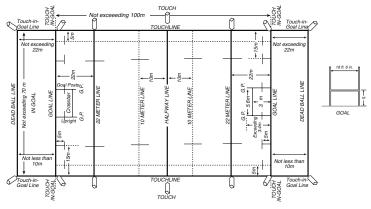
Team Handball



Badminton

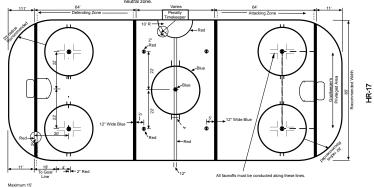


Rugby



Ice Hockey

Commercial, institution or conference logos and/or names are allowed in the ice only in the neutral zone.



These court and field diagrams are provided for general reference only. It is your responsibility to confirm current rules and dimensions for your specific needs.



Wall Mount Structure **SAFETY WARNING!**

Due to the aggressive nature of basketball today it is likely, regardless of the level of supervision and facility rules, play will include hanging on the goal either intentionally or in the course of play. The structural failure of any component will put players or fans in danger of grave injury or even death should the structure fail. For this reason, Bison has designed all mounting brackets, hardware and structure to be of the highest quality. Your facility can feel confident installing Bison wall structures in conjunction with Bison goals, backboards and padding, assuming the safety guidelines outlined below are followed.

- 1. Install structure only to walls capable of supporting the load placed on the wall by the weight of the structure and the potential for additional weight of players hanging and bouncing. Generally, the further the backboard is extended from the wall the more load that is applied. Poured concrete or concrete block walls are superior. It is inadvisable to mount structure to walls with wooden or steel study unless additional work approved by an engineer is done to provide additional support.
- 2. Due to the differences in wall construction, Bison does not provide the anchors to mount the wall boards to the wall. Consult a professional architect, engineer or contractor to determine safe methods for installation to your facility's walls unless you are confident in your internal facility abilities. Bison will not assume liability for the installation of any wall mount structure shown in this catalog.
- 3. If the wall mount structure is being installed above bleachers it is strongly recommended (but not required) by NCAA and National High School Federation rules to install a safety device similar to the Bison BA955 Saf-Lok Structure Catch. The BA955 SafLok acts as a safety belt to "catch" the structure before it falls in case of failure of the wall mounting anchors or other structural components. The device mounts to the ceiling structural components.
- 4. It is always wise to pad the bottom of the backboard for all levels of play. NCAA and National High School Federation rules require backboard padding similar to Bison's BA68U DuraSkin for all games governed by their rules.
- If your wall is less than 10' from the face of the backboard, it is highly recommended that the wall is padded to avoid player contact injuries. See Bison Wall Padding options on pages 31-35.
- 6. Many manufacturers now produce glass backboards that are nearly impossible to break during play. The small additional cost will provide peace of mind. See Bison BA42XL, BA44XL or BA48XL on pages 18-19.
- 7. Always follow all installation instructions carefully. Do not omit hardware or take shortcuts.
- 8. Once structure is installed it is advisable to inspect annually for loose bolts as the vibration of basketball play may eventually loosen wall mount anchors and the hardware.
- **9.** Studies have shown that 42" x 72" glass backboards reduce the risk of player injury from backboard contact. Bison manufactures 48" x 72" backboards only for replacement applications.

This catalog is not intended to be used as a guide for installation and use of any product.

CAUTION!

Wall mount structure requires a minimum ceiling and wall height as well as an acceptable wall mounting surface. Generally, brick or block walls are superior. It is inadvisable to mount structure to walls with wooden or steel studs unless additional work approved by an engineer is done to provide additional support. Bison does not provide wall anchors with any structure. The purchaser assumes all liability for proper selection of anchors, supporting of walls, and installation. Bison will not assume liability for the installation of any wall mounting structure shown in this catalog. Consult a professional architect, engineer or contractor to determine safe methods for installation to your facility's wall construction.

Bison Limited Warranties

All Bison products are warranted against manufacturing defects at the time of delivery. In addition, most products are covered by warranty periods stated in the description of the product. Where listed as "limited", warranties cover damage or failure that occurs during the course of "normal or intended use" of the warranted product. Normal or intended use is described as activity that is necessary for the participation in the sport for which the equipment is designed.

Bison Limited Warranties do not cover any damage or failure that is the direct or indirect result of any use that is not deemed in the sole discretion of Bison to be "normal and intended use".

When warranties are stated as "unconditional" or "unconditional replacement", the above stated limitations do not normally apply except in cases where damage was obviously the result of a malicious act of vandalism.

Where no specific length or type of warranty is listed in the catalog, the product is warranted to be free from manufacturer's defects and for the intended purpose at the time of shipment.

Whether or not stated as such, all Bison warranties allow Bison to repair or replace warranted products at Bison's sole option.

Normal deterioration of products due to weather, wear and tear, or other causes that do not affect functional use are not covered by Bison warranties, regardless of type of stated warranty.

All warranties are valid only when product is used in the intended application as outlined in Bison's printed literature, when installed according to Bison's instructions and when matched with compatible components as described in Bison's literature. Under no circumstances will product shown in the Bison Premium Residential Basketball Equipment Catalog be warranted for commercial or institutional use.

Due to the abusive nature of pay-to-play facilities, unless specifically agreed to in writing, Bison products carry no warranty except for obvious manufacturing defects when used in a facility where players pay an individual or group fee to use Bison equipment.

Bison will pay ground freight only to repair or replace defective merchandise. Unless otherwise stated, Bison will not assume any liability for labor costs incurred for removal or replacement of product replaced or repaired under warranty.

Bison Return Policy

No merchandise may be returned without prior authorization by calling 800-247-7668. Merchandise returned without a return authorization number will be held for no more than 10 days at which time all return credit is forfeited. Upon receipt of request for return, an authorization number will be issued by Bison and must appear on all return shipping labels. All returns must be shipped prepaid (UPS, FedEx or truck only) to 1100 SW 6th Street, Lincoln NE 68522. Collect returns will not be accepted.

Credit for defective merchandise will be issued only when our inspection department determines the merchandise to be covered by our warranty. All salable merchandise returned is subject to a 20% restocking charge and all freight costs with a minimum restocking charge of \$30. Due to their custom design, scoring tables and wall padding are not returnable.

DO NOT RETURN BY US POSTAL SERVICE



MODEL NUMBER INDEX

ABC50 1. ABC51 56, 7 ABC51 56, 7 ABC52 56, 7 ABC53 56, 7 ABC92 56,	1, 1 1, 1 1, 1 1, 1 1, 1 1, 1 1, 1 1, 1
ABC52	1, 1 1, 1 1, 1 1, 1 1, 1 1, 1 1, 1 1, 1
ABC53	ī, ;
ABC92 BA10 BA10 BA125 BA150 BA155 BA150 BA165 BA175 BA185 BA211 BA21A BA21A BA21A BA26 BA27A BA26 BA27A BA27A BA28 BA3180S BA3180T BA310 BA310 BA32 BA32RXT BA10	
BA100 BA125 BA150 BA165 BA175 BA185 BA175 BA185 BA21 BA21A BA21A BA245 BA27 BA27A BA28 BA28 BA3180S BA3180T BA310 BA310 BA320 BA32 BA32RXT B25 BA32RXT BA21 BA27 BA32BA32RXT BA32BA32 BA32RXT BA32BA32RXT BA32BA32BXT BA32BA32BXT BA32BA32BXT BA32BA32BXT BA32BA32BXT BA32BA32BXT BA32BA32BXT BA32BA32BXT BA32BA32BXT BA32BA32BA32BXT BA32BA32BXT BA32BA32BXT BA32BA32BXT BA32BA32BXT BA32BA32BA32BXT BA32BA32BXT BA32BA3ABXT BA3ABXT BA3BXT BA3ABXT BA3ABXT BA3ABXT BA3ABXT BA3ABXT BA3ABXT BA3ABXT BA3AB	
BA125 BA150 BA165 BA175 BA185 BA21A 22 BA21A 22 BA245 BA26 BA27 BA27 BA27 BA28 BA28 BA3180S BA3180T BA31U BA32 BA32RXT 22 BA32RXT 22 BA32RXT 22 BA32RXT 22 BA32RXT 22 BA32RXT 23 BA3180T BA310T	5, 1
BA150. BA165. BA165. BA175. 21 BA185. BA211. 22 BA245. BA26. BA26. BA27A. 21 BA27A. 22 BA28. BA3180S. BA3180T. BA31N, BA31U BA32, 22 BA32RXT. 22	5, t
BA165 BA175 2: BA175 2: BA175 2: BA28 2: BA21 2: BA21A 2: BA245 BA26 BA27 2: BA27A 2: BA27A 2: BA28 BA3180S BA3180S BA3180T BA31N, BA31U BA32 2: BA32RXT 2: BA32RXT 2: BA32RXT 2: BA32RXT 2: BA32RXT 2: BA32RXT 3:	5, i
BA175. 25 BA185 BA218 22 BA21A 22 BA245 BA26 BA27 22 BA27A 22 BA27A 22 BA28B BA3180S BA3180T BA31N, BA31U BA32 22 BA32RXT 22 BA32RXT 22 BA32RXT 22 BA32RXT 22 BA32RXT 22	5, ! 2, !
BA185 BA21 2: BA21A 2: BA245 BA26 BA27A 2: BA27A 2: BA27A 2: BA28 BA3180S BA3180T BA31N, BA31U BA32 2: BA32RXT 2: BA32RXT 2: BA32RXT 2:	 2, !
BA21A. 27 BA245 BA26 BA27 27 BA27A. 27 BA28 BA3180S BA3180T BA31N, BA31U BA32, 27 BA32RXT. 27 BA32RXT. 27	
BA245 BA26 BA27 22 BA27A 22 BA28 BA3180S BA3180T BA31N, BA31U BA32 BA32 BA32 BA32RXT 22 BA32RXT 22	
BA26. BA27. 2: BA27A. 2: BA27A. 2: BA28. BA3180S. BA3180T. BA31N, BA31U BA32R. 2: BA32RXT. 2:	
BA27. 22 BA27A. 21 BA27A. 21 BA28. BA3180S. BA3180T. BA31N, BA31U. BA31Z. 22 BA32RXT. 22	
BA27A 22 BA28 BA3180S BA3180T BA31N, BA31U BA32 22 BA32RXT 22 BA32RXT 22	
BA3180S	2, 9
BA3180T	
BA31N, BA31U	
BA32RXT22	
BA32RXT22	
BA33U	!
BA34, BA35	
BA35ABA35S	
BA35ARC	
BA35E	
BA37, BA37N	!
BA39U	!
BA39U-GV	
BA407G	
BA407U	
BA42E	
BA42UC	
BA42XL	
BA42XLC	
BA44XLBA454	
BA454AW	
BA455, BA465	
BA47	
BA472	
BA472PCBA475	
BA475SS	
BA475W	
BA48	
BA485	
BA48U-BKBA48XL	
BA48XLC	
BA49519	
BA495E	
BA495P	
BA50	
BA501H2	
BA52H	
BA53	
BA54U-BK	
BA54U-GR13	3, 8
BA56W	!
BA60U-BKBA60U-GR	
BA68F, BA68U	
BA700PP	
BA72U-BK	
BA770SSH	
BA77585	
BA776, BA776A	
BA77784	
BA777UP	
RA777XI	
BA778, BA778A, BA778DB	
BA77XBR	
BA78082 BA780T, BA780TXL82	غ, ز ا
BA780XL83	 3, 1
BA781	
BA781A	
BA781DB	
BA79UPP-BK8	1,
BA800, BA800FLBA801	
BA801BP1	
BA803, BA803A	٠
BA8250X	. 1
BA832, BA833, BA833BLST, BA833XL, BA834	
BA853A, BA853BI ST RA853G	•••
BA853A, BA853BLST, BA853G, BA853GXL	
BA8350BA870JRPP	. 1

BA870PP-BK	87
BA871	
BA871-BK, BA871A-BK	78
BA871A-GV78. 7	9 86
RA871YI_RK_RA872_RK	3, 00
BA871XL-BK, BA872-BK, BA872A-BK, BA872A-GV BA872PP-BK	78
BA872PP-BK	87
BA872XL-BK	78
BA873	
BA873-BK	
BA873U	
BA873U-BK	79
DA074 DV	70
BA874-BKBA894GSR	/ 0
DA0050	II
BA895G	
BA898G	10, 11
BA898GDL, BA898HD	10
BA925	
BA9250X	
BA930	
BA935	
BA9350	
BA955	5
BA955BA975KS	5
RAGRAE RAGRARC RAGRART	6
BALFD	19
BL07SFAT1 BL15SFAT1	
BL21SEAT1	6. 77
BALED	36
BI 11502A BI 11503A BI 11504A	36
BLI2102, BLI2103	36
BL00703A, BL00703AXL	76
BL00704A, BL00704AXL	70
BL01502A, BL01502AXL	
BL01503A, BL01503AXL	/ 0 76
DLU 13U3A, DLU 13U3AAL	10
BL01504A, BL01504AXL	/ 0
BL02103A, BL02103AXL	/6
BL02104A, BL02104AXL	/6
BM10	61
BM10N6	
BM10P	61
BM215	
BM23	61
BM30-CV	59
BNF0701A, BNF0701BA	
BNF1501A BNF1501BA	77
BNF2101A, BNF2101BA	77
BNP0401BC	77
BNP0701A, BNP0701BA	77
RNP1500XÍ	
BNP1500XL	77
BNP1501A, BNP1501BA	77 77
BNP1501A, BNP1501BA	77 77 76 76
BNP1501A, BNP1501BA BNP2101A, BNP2101BA BY0B161, BY0B163, BY0B164 CM100, CM100S, CM111, CM111CS, CM200 DN12, DN1250, DN50 FB04EM, FB100KC, FB100N	77 77 76 94 15
BNP1501A, BNP1501BA BNP2101A, BNP2101BA BY0B161, BY0B163, BY0B164	77 77 76 94 15 73
BNP1501A, BNP1501BA BNP2101A, BNP2101BA BY0B161, BY0B163, BY0B164 CM100, CM100S, CM111, CM111CS, CM200	77 77 76 94 15 68
BNP1501A, BNP1501BA BNP2101A, BNP2101BA BY0B161, BY0B163, BY0B164. CM100, CM100S, CM111, CM111CS, CM200 DN12, DN1250, DN50. FB04EM, FB100KC, FB100N FB10EXT. FB10EXT-SY.	77 77 76 94 15 68 68
BNP1501A, BNP1501BA BNP2101A, BNP2101BA BY0B161, BY0B163, BY0B164. CM100, CM100S, CM111, CM111CS, CM200 DN12, DN1250, DN50. FB04EM, FB100KC, FB100N FB10EXT. FB10EXT-SY.	77 77 76 94 15 68 68
BNP1501A, BNP1501BA BNP2101A, BNP2101BA BY0B161, BY0B163, BY0B164. CM100, CM100S, CM111, CM111CS, CM200 DN12, DN1250, DN50. FB04EM, FB100KC, FB100N FB10EXT. FB10EXT-SY.	77 77 76 94 15 68 68
BNP1501A, BNP1501BA BNP2101A, BNP2101BA. BY0B161, BY0B163, BY0B164. CM100, CM100S, CM111, CM111CS, CM200 DN12, DN1250, DN50. FB04EM, FB100KC, FB100N. FB10EXT. FB10EXT-SY, FB10EXT-WT. FB35-GV, FB45KG-SY, FB45CG-WT. FB45KB-SY, FB45KB-WT.	777694156869 67, 6969
BNP1501A, BNP1501BA BNP2101A, BNP1501BA BNP2101A, BNP2101BA BY08161, BY0B163, BY0B164 CM100, CM100S, CM111, CM111CS, CM200 DN12, DN1250, DN50 FB04EM, FB100KC, FB100N FB10EXT. FB10EXT-SY FB10EXT-WT FB35-GV. FB45CG-SY, FB45CG-WT FB45BS-SY, FB45HS-WT FB45ES-SY, FB45HS-WT	77767678787868696969
BNP1501A, BNP1501BA BNP2101A, BNP1201BA BY08161, BY0B163, BY0B164 CM100, CM100S, CM111, CM111CS, CM200 DN12, DN1250, DN50 FB04EM, FB100KC, FB100N FB10EXT. FB10EXT-SY, FB10EXT-WT. FB45CG-SY, FB45CG-WT. FB45SS. FB55CG-SY FB55CG-WT	77 77 77 76 94 94 68 69 69 69 69 69
BNP1501A, BNP1501BA BNP2101A, BNP1201BA BY08161, BY0B163, BY0B164 CM100, CM100S, CM111, CM111CS, CM200 DN12, DN1250, DN50 FB04EM, FB100KC, FB100N FB10EXT. FB10EXT-SY, FB10EXT-WT. FB45CG-SY, FB45CG-WT. FB45SS. FB55CG-SY FB55CG-WT	77 77 77 76 94 94 68 69 69 69 69 69
BNP1501A, BNP1501BA BNP2101A, BNP2101BA. BY0B161, BY0B163, BY0B164. CM100, CM100S, CM111, CM111CS, CM200. DN12, DN1250, DN50. FB04EM, FB100KC, FB100N FB10EXT-FB10EXT-SY. FB10EXT-WT. FB35-GV. FB45G-SY, FB45G-WT. FB45B-SY, FB45HS-WT FB55HSCG-SY, FB55HS-WT. FB55HSCG-SY, FB55HSCG-WT.	777694156869696969696968
BNP1501A, BNP1501BA BNP2101A, BNP1501BA BNP2101A, BNP2101BA BY0B161, BY0B163, BY0B164 CM100, CM100S, CM111, CM111CS, CM200 DN12, DN1250, DN50 FB04EM, FB100KC, FB100N FB10EXT. FB10EXTY FB10EXT-WT FB35-GV. FB45CG-SY, FB45CG-WT FB45BS-SY, FB45HS-WT FB55BS-SY, FB55BS-WT FB55BS-SY, FB55HS-WT FB55HS-SY, FB55HS-WT FB55HS-SY, FB55HS-WT FB55SS-SY, FB55HS-WT FB5SS-SY, FB55HS-WT FB55SS-SY, FB55SS-WT FB55SS-SY, FB55SS-WT FB55SS-SY, FB55SS-WT FB55SS-SY, FB55SS-WT FB55SS-SY, FB55SS-WT FB55SS-SY,	
BNP1501A, BNP1501BA BNP2101A, BNP1201BA BNP2101A, BNP2101BA BY08161, BY0B163, BY0B164. CM100, CM100S, CM111, CM111CS, CM200 DN12, DN1250, DN50 FB04EM, FB100KC, FB100N FB10EXT. FB10EXT-SY, FB10EXT-WT. FB45CG-SY, FB45CG-WT. FB45CG-SY, FB45CG-WT. FB45S-SC-SY, FB55HS-WT FB55HS-SY, FB55HS-WT FB55HS-SY, FB55HS-WT FB55BS-SY, FB55HS-WT FB55S.	7777769415686969696969696969696969
BNP1501A, BNP1501BA BNP2101A, BNP1201BA BNP2101A, BNP2101BA BY08161, BY0B163, BY0B164. CM100, CM100S, CM111, CM111CS, CM200 DN12, DN1250, DN50 FB04EM, FB100KC, FB100N FB10EXT. FB10EXT-SY, FB10EXT-WT. FB45CG-SY, FB45CG-WT. FB45CG-SY, FB45CG-WT. FB45S-SC-SY, FB55HS-WT FB55HS-SY, FB55HS-WT FB55HS-SY, FB55HS-WT FB55BS-SY, FB55HS-WT FB55S.	7777769415686969696969696969696969
BNP1501A, BNP1501BA BNP2101A, BNP1501BA BNP2101A, BNP2101BA BY0B161, BY0B163, BY0B164 CM100, CM100S, CM111, CM111CS, CM200 DN12, DN1250, DN50 FB04EM, FB100KC, FB100N FB10EXT. FB10EXT-SY FB10EXT-SY FB10EXT-WT FB35-GV, FB45CG-SY, FB45CG-WT FB45BS-SY, FB45HS-WT FB55BS-SY, FB55HS-WT	777 777 777 777 777 777 777 777 777 77
BNP1501A, BNP1501BA BNP2101A, BNP1501BA BNP2101A, BNP2101BA BY08161, BY0B163, BY0B164 CM100, CM100S, CM111, CM111CS, CM200 DN12, DN1250, DN50 FB04EM, FB100KC, FB100N FB10EXT. FB10EXT-SY, FB10EXT-WT. FB45CG-SY, FB45CG-WT. FB45CG-SY, FB45CG-WT. FB45CG-SY, FB55HS-WT. FB55HSCG-SY, FB55HS-WT. FB55BSCG-SY, FB55HS-WT. FB55BSCG-SY, FB55HS-WT. FB58CG-SY, FB58HS-WT. FB58CG-SY, FB58HS-WT. FB58HSCG-SY, FB58HS-WT. FB58HSCG-SY, FB58HS-WT. FB58HSCG-SY, FB58HS-WT. FB58HSCG-SY, FB58HS-WT.	
BNP1501A, BNP1501BA BNP2101A, BNP2101BA BNP2101A, BNP2101BA BY0B161, BY0B163, BY0B164, CM100, CM100S, CM111, CM111CS, CM200 DN12, DN1250, DN50 FB04EM, FB100KC, FB100N FB10EXT FB10EXT-WT FB10EXT-WT FB35-GV FB45CG-SY, FB45CG-WT FB45RS-SY, FB45RS-WT FB55HS-CG-SY, FB55HS-WT FB55HS-SY, FB55HS-WT FB55HS-SY, FB55HS-WT FB55RS-SY, FB55HS-WT FB58CG-SY, FB55HS-WT	
BNP1501A, BNP1501BA BNP2101A, BNP1501BA BNP2101A, BNP2101BA BYOB161, BYOB163, BYOB164 CM100, CM100S, CM111, CM111CS, CM200 DN12, DN1250, DN50 FB04EM, FB100KC, FB100N FB10EXT. FB10EXTY. FB10EXT-SY. FB10EXT-WT FB35-GV. FB45CG-SY, FB45CG-WT. FB45BS-SY, FB45HS-WT FB55CG-SY, FB55CG-WT FB55BS-SY, FB55HS-WT FB58CG-WT FB58CG-WT FB58HS-SY, FB58HS-WT FB58HS-SY, FB58HS-WT FB58HS-SY, FB58HS-WT FB58HS-SY, FB58HS-WT FB58HS-SY, FB58HS-WT FB58HS-SY, FB58HS-WT FB5BSHS-SY, FB58HS-WT FB5BSHS-SY, FB58HS-WT FB5BCP-P. FBCPP FBCPP	
BNP1501A, BNP1501BA BNP2101A, BNP2101BA BNP2101A, BNP2101BA BY0B161, BY0B163, BY0B164, CM100, CM100S, CM111, CM111CS, CM200 DN12, DN1250, DN50 FB04EM, FB100KC, FB100N FB10EXT FB10EXT-WT FB10EXT-WT FB35-GV FB45CG-SY, FB45CG-WT FB45RS-SY, FB45RS-WT FB55HS-CG-SY, FB55HS-WT FB55HS-SY, FB55HS-WT FB55HS-SY, FB55HS-WT FB55RS-SY, FB55HS-WT FB58CG-SY, FB55HS-WT	
BNP1501A, BNP1501BA BNP2101A, BNP1501BA BNP2101A, BNP2101BA BY08161, BY0B163, BY0B164 CM100, CM100S, CM111, CM111CS, CM200 DN12, DN1250, DN50 FB04EM, FB100KC, FB100N FB10EXT. FB10EXT-SY FB10EXT-SY FB10EXT-WT FB35-GV FB45CG-SY, FB45CG-WT FB45HS-SY, FB45HS-WT FB45BS-SY, FB55HS-WT FB55BS-SY, FB55HS-WT FB55BS-SY, FB55HS-WT FB55BS-SY, FB55HS-WT FB55BS-SY, FB55HS-WT FB5BS-SY, FB55HS-WT FB58BS-SY, FB55HS-WT FB58BS-SY, FB55HS-WT FB58BS-SY, FB55HS-WT FB58BS-SY, FB55HS-WT FB58HS-SY, FB55HS-WT FB58HS-SY, FB55HS-WT FB58HS-SY, FB58HS-WT FB58HS-SY, FB58HS-WT FB5BHS-SY, FB58HS-WT FB5BHS-WT FB5BHS-SY, FB5BHS-WT F	
BNP1501A, BNP1501BA BNP2101A, BNP1501BA BNP2101A, BNP2101BA BYOB161, BYOB163, BYOB164 CM100, CM100S, CM111, CM111CS, CM200 DN12, DN1250, DN50 FB04EM, FB100KC, FB100N FB10EXT. FB10EXTSY FB10EXT-SY FB10EXT-WT FB35-GV, FB35-GV, FB45CG-SY, FB45CG-WT FB45BS-SY, FB45HS-WT FB55BS-SY, FB55HS-WT FB55BS-SY, FB55HS-WT FB55BS-SY, FB55HS-WT FB55BS-SY, FB55HS-WT FB55BS-SY, FB55HS-WT FB58BS-SY, FB58HS-WT FB5BSHS-SY, FB5BHS-WT FB5BBSHS-SY, FB5BHS-WT FB5BSHS-SY, FB5BHS-WT FB5BBHS-SY, FB5BHS-WT FB5BHS-SY, FB5BHS-WT FB5B	
BNP1501A, BNP1501BA BNP2101A, BNP1501BA BNP2101A, BNP2101BA BYOB161, BYOB163, BYOB164 CM100, CM100S, CM111, CM111CS, CM200 DN12, DN1250, DN50 FB04EM, FB100KC, FB100N FB10EXT. FB10EXTSY FB10EXT-SY FB10EXT-WT FB35-GV, FB35-GV, FB45CG-SY, FB45CG-WT FB45BS-SY, FB45HS-WT FB55BS-SY, FB55HS-WT FB55BS-SY, FB55HS-WT FB55BS-SY, FB55HS-WT FB55BS-SY, FB55HS-WT FB55BS-SY, FB55HS-WT FB58BS-SY, FB58HS-WT FB5BSHS-SY, FB5BHS-WT FB5BBSHS-SY, FB5BHS-WT FB5BSHS-SY, FB5BHS-WT FB5BBHS-SY, FB5BHS-WT FB5BHS-SY, FB5BHS-WT FB5B	
BNP1501A, BNP1501BA BNP2101A, BNP1501BA BNP2101A, BNP2101BA BY0B161, BY0B163, BY0B164 CM100, CM100S, CM111, CM111CS, CM200 DN12, DN1250, DN50 FB04EM, FB100KC, FB100N FB10EXT. FB10EXT-SY, FB10EXT-WT. FB45CG-SY, FB45CG-WT. FB45CG-SY, FB45CG-WT. FB45CG-SY, FB55HS-WT. FB55HS-SY, FB55HS-WT. FB55BSCG-SY, FB55HS-WT. FB55BSCG-SY, FB55HS-WT. FB58BSCG-SY, FB55HS-WT. FB58BSCG-SY, FB55HS-WT. FB58BSCG-SY, FB55HS-WT. FB58BSCG-SY, FB58HS-WT. FB58HSCG-SY, FB58HSCG-WT FBCPPW FBRUGBY FBW0S FH200, FH200W, FH200WK. HK500P, HK500, HK500P, HK50U	
BNP1501A, BNP1501BA BNP2101A, BNP2101BA BNP2101A, BNP2101BA BY0B161, BY0B163, BY0B164, CM100, CM100S, CM111, CM111CS, CM200 DN12, DN1250, DN50 FB04EM, FB100KC, FB100N FB10EXT. FB10EXT-WT FB35-GV, FB10EXT-WT FB45KG-SY, FB45KG-WT FB45KG-SY, FB45KG-WT FB55KG-SY, FB55KG-WT FB55KS-SY, FB55KG-WT FB55KS-SY, FB55KG-WT FB58KG-SY, FB5KKG-WT FB58KG-SY, FB5KKG-WT FB5KKG-SY, FB5KKG-WT FB5KKG-SY, FB5KKG-WT FB5KKG-SY, FB5KKG-WT FB5KKG-SY, FB5KKG-WT FB5KKG-SY, FB5KKG-WT FB5KKG-SY, FB5KKG-WT FKSKKG-SY, FKSKKG-WT FKKKG-KKKG-KKKG-KKKG-KKG-KKKG-KKKG-KKKG	
BNP1501A, BNP1501BA BNP2101A, BNP2101BA BNP2101A, BNP2101BA BY0B161, BY0B163, BY0B164, CM100, CM100S, CM111, CM111CS, CM200 DN12, DN1250, DN50 FB04EM, FB100KC, FB100N FB10EXT. FB10EXT-WT FB35-GV, FB10EXT-WT FB45KG-SY, FB45KG-WT FB45KG-SY, FB45KG-WT FB55KG-SY, FB55KG-WT FB55KS-SY, FB55KG-WT FB55KS-SY, FB55KG-WT FB58KG-SY, FB5KKG-WT FB58KG-SY, FB5KKG-WT FB5KKG-SY, FB5KKG-WT FB5KKG-SY, FB5KKG-WT FB5KKG-SY, FB5KKG-WT FB5KKG-SY, FB5KKG-WT FB5KKG-SY, FB5KKG-WT FB5KKG-SY, FB5KKG-WT FKSKKG-SY, FKSKKG-WT FKKKG-KKKG-KKKG-KKKG-KKG-KKKG-KKKG-KKKG	
BNP1501A, BNP1501BA BNP2101A, BNP1501BA BNP2101A, BNP2101BA BY0B161, BY0B163, BY0B164 CM100, CM100S, CM111, CM111CS, CM200 DN12, DN1250, DN50	
BNP1501A, BNP1501BA BNP2101A, BNP1201BA BNP2101A, BNP2101BA BY0B161, BY0B163, BY0B164. CM100, CM100S, CM111, CM111CS, CM200 DN12, DN1250, DN50 FB04EM, FB100KC, FB100N FB10EXT. FB10EXT-SY, FB10EXT-WT. FB45CG-SY, FB45CG-WT. FB45CG-SY, FB45CG-WT. FB45S-SC-SY, FB55HS-WT FB55HS-SY, FB55HS-WT FB55HS-SY, FB55HS-WT FB55HS-SY, FB55HS-WT FB55HS-SY, FB55HS-WT FB58CG-SY, FB55HS-WT FB58BCG-SY, FB58HS-WT FB58BCG-SY, FB58BCG-WT FB58BCG-SY, FB58BCG-WT FB58BCG-SY, FB58BCG-WT FB58BCG-SY	
BNP1501A, BNP1501BA BNP2101A, BNP1201BA BNP2101A, BNP2101BA BY0B161, BY0B163, BY0B164. CM100, CM100S, CM111, CM111CS, CM200 DN12, DN1250, DN50 FB04EM, FB100KC, FB100N FB10EXT. FB10EXT-SY, FB10EXT-WT. FB45CG-SY, FB45CG-WT. FB45CG-SY, FB45CG-WT. FB45S-SC-SY, FB55HS-WT FB55HS-SY, FB55HS-WT FB55HS-SY, FB55HS-WT FB55HS-SY, FB55HS-WT FB55HS-SY, FB55HS-WT FB58CG-SY, FB55HS-WT FB58BCG-SY, FB58HS-WT FB58BCG-SY, FB58BCG-WT FB58BCG-SY, FB58BCG-WT FB58BCG-SY, FB58BCG-WT FB58BCG-SY	
BNP1501A, BNP1501BA BNP2101A, BNP1501BA BNP2101A, BNP2101BA BY0B161, BY0B163, BY0B164 CM100, CM100S, CM111, CM111CS, CM200	77 77 77 77 77 77 77 76 8 94 68 69 69 69 69 69 69 68 68 68 68 71 73 73 73 73 74 74 166 166 166
BNP1501A, BNP1501BA BNP2101A, BNP1201BA BNP2101A, BNP2101BA BY08161, BY0B163, BY0B164 CM100, CM100S, CM111, CM111CS, CM200 DN12, DN1250, DN50 FB04EM, FB100KC, FB100N FB10EXT. FB10EXT-SY, FB10EXT-WT FB45CS-SY, FB45CG-WT FB45CS-SY, FB45CG-WT FB45CS-SY, FB55HS-WT FB55HS-SY, FB55HS-WT FB55HS-SY, FB55HS-WT FB55BS-SY, FB55HS-WT FB55BS-SY, FB55HS-WT FB58BCG-SY, FB55HS-WT FB58BCG-SY, FB55HS-WT FB58HS-SY, FB55HS-WT FB58HS-SY, FB56HS-WT FB58HS-SY, FB56HS-WT FB58HS-SY, FB56HS-WT FB58HS-SY, FB56HS-WT FBCPPW FBCPPW FBRUGBY FBWDS FH200, FH200N, FH200WK HK050N, HK500, HK500P, HK50U LC050N, LC200, LC300 DFC4234 DFS4234 DFS4234 DFS42340 DFX423180 DFX4235E	77 77 77 77 77 76 88 89 84 69 69 69 69 69 69 69 69 68 68 68 68 68 68 68 68 68 68 68 68 68
BNP1501A, BNP1501BA BNP2101A, BNP1501BA BNP2101A, BNP2101BA BY0B161, BY0B163, BY0B164 CM100, CM100S, CM111, CM111CS, CM200 DN12, DN1250, DN50 B04EM, FB100KC, FB100N FB10EXT. FB10EXTY FB10EXT-SY FB10EXT-WT FB35-GV, FB35-GV, FB45CG-SY, FB45CG-WT FB45BS-SY, FB45HS-WT FB55CG-SY, FB55HS-WT FB55BS-SY, FB55HS-WT FB55BS-SY, FB55HS-WT FB55BS-SY, FB55HS-WT FB55BS-SY, FB55HS-WT FB58HS-SY, FB58HS-WT FB58HS-SY, FB55HS-WT FB58HS-SY, FB58HS-WT FB58HS-SY, FB5H	77 77 77 77 77 77 76 76 94 155 68 69 69 69 69 69 69 68 68 68 68 68 68 68 68 68 68 68 68 68
BNP1501A, BNP1501BA BNP2101A, BNP1501BA BNP2101A, BNP2101BA BY0B161, BY0B163, BY0B164 CM100, CM100S, CM111, CM111CS, CM200 DN12, DN1250, DN50 FB04EM, FB100KC, FB100N FB10EXT. FB10EXT-SY FB10EXT-SY FB10EXT-WT FB45G-SY, FB45CG-WT FB45G-SY, FB45CG-WT FB45G-SY, FB55HS-WT FB55KS-SY, FB55HS-WT FB55KS-SY, FB55HS-WT FB55BSCG-SY, FB55HS-WT FB55BSCG-SY, FB55HS-WT FB55BSCG-SY, FB55HS-WT FB55BSCG-SY, FB55HS-WT FB55BSCG-SY, FB55HS-WT FB58HS-SY, FB55HS-WT FB58HS-SY, FB55HS-WT FB58HS-SY, FB55HS-WT FB58HS-SY, FB55HS-WT FB58HS-SY, FB55HS-WT FBCPPW FBCOPP FBCO	77 77 77 77 77 77 77 76 76 94 155 68 69 69 69 69 69 69 68 68 68 68 68 68 73 73 75 75 76 16 16 16 16 16
BNP1501A, BNP1501BA BNP2101A, BNP1201BA BNP2101A, BNP2101BA BY0B161, BY0B163, BY0B164 CM100, CM100S, CM111, CM111CS, CM200 DN12, DN1250, DN50 FB04EM, FB100KC, FB100N FB10EXT. FB10EXT-SY, FB10EXT-WT FB45CS-SY, FB45CG-WT FB45CS-SY, FB45CG-WT FB45CS-SY, FB55HS-WT FB55HS-SY, FB55HS-WT FB55HS-SY, FB55HS-WT FB55HS-SY, FB55HS-WT FB55HS-SY, FB55HS-WT FB58KG-SY, FB55HS-WT FB58KG-SY, FB55HS-WT FB58HSCG-SY, FB55HS-WT FB58HSCG-SY, FB55HS-WT FB58HSCG-SY, FB55HS-WT FB58HSCG-SY, FB55HS-WT FB58HSCG-SY, FB55HS-WT FB58HSCG-SY, FB55HS-WT FBCPPW FBCPPW FBCPPW FBCPPW FBCPPW FBCPSW FBW0S FH200, FH200N, FH200WK HK050N, HK500, HK500P, HK50U LC050N, LC200, LC300 DFC4235E DFS4234 DFS4834 DFS483180 DFX4235E DFX483180 DFX483180 DFX4835E BW050.	
BNP1501A, BNP1501BA BNP2101A, BNP1501BA BNP2101A, BNP2101BA BYOB161, BYOB163, BYOB164 CM100, CM100S, CM111, CM111CS, CM200 DN12, DN1250, DN50 FB04EM, FB100KC, FB100N FB10EXT FB10EXT FB10EXT-WT FB35-GV, FB45CG-SY, FB45CG-WT FB45BS-SY, FB45HS-WT FB45CG-SY, FB55HS-WT FB55BS-SY, FB55HS-WT FB55BS-SY, FB55HS-WT FB55BS-SY, FB55HS-WT FB55BS-SY, FB55HS-WT FB55BS-SY, FB55HS-WT FB55BS-SY, FB55HS-WT FB58HS-SY, FB58HS-WT FB58HS-SY, FB5HS-WT FB58HS-SY, FB5HS-WT FB58HS-SY, FB5HS-WT FB58HS-SY,	77 77 77 77 77 77 77 77 76 68 68 68 68 68 69 69 69 69 69 69 68 68 68 68 68 68 68 68 68 68 68 68 68
BNP1501A, BNP1501BA BNP2101A, BNP1501BA BNP2101A, BNP2101BA BY0B161, BY0B163, BY0B164 CM100, CM100S, CM111, CM111CS, CM200 DN12, DN1250, DN50 FB04EM, FB100KC, FB100N FB10EXT. FB10EXT-SY FB10EXT-WT FB35-GW. FB45CG-SY, FB45CG-WT FB45BS-SY, FB45HS-WT FB45S. FB55CG-SY, FB55HS-WT FB55HS-SY, FB55HS-WT FB55BS-SY, FB55HS-WT FB55BS-SY, FB55HS-WT FB55BS-SY, FB55HS-WT FB55BSCG-SY, FB55HS-WT FB55BSCG-SY, FB55HS-WT FB55BSCG-SY, FB55HS-WT FB55BSCG-SY, FB55HS-WT FB58HS-SY, FB55HS-WT FB58HS-SY, FB55HS-WT FB58HS-SY, FB55HS-WT FB58HS-SY, FB55HS-WT FBCPPW FBCOPP FBCOPPW FBCOP	77 77 77 77 77 77 77 77 76 8 94 91 91 92 93 95 68 68 68 68 68 68 68 68 68 68 68 68 68
BNP1501A, BNP1501BA BNP2101A, BNP1501BA BNP2101A, BNP2101BA BY08161, BY08163, BY08164 CM100, CM100S, CM111, CM111CS, CM200 DN12, DN1250, DN50 FB04EM, FB100KC, FB100N FB10EXT FB10EXT-WT FB35-GV. FB45CG-SY, FB45CG-WT FB45HS-SY, FB45HS-WT FB45SCG-SY, FB55CG-WT FB55BCG-SY, FB55HS-WT FB55BCG-SY, FB55HS-WT FB5BSCG-SY, FB55HS-WT FB58BCG-SY, FB55HS-WT FB58HS-SY, FB55HS-WT FB56NCG-SY, FB55HS-WT FB56NCG-SY, FB55HS-WT FB56NCG-SY, FB55HS-WT FB56NCG-SY, FB55HS-WT FB58HS-SY, FB56HS-WT FB58HS-SY, FB58HS-WT FB58H	77 77 77 77 77 77 77 77 77 77 76 94 94 15 68 68 68 68 68 68 68 68 68 68 68 68 68
BNP1501A, BNP1501BA BNP2101A, BNP1501BA BNP2101A, BNP2101BA BY0B161, BY0B163, BY0B164 CM100, CM100S, CM111, CM111CS, CM200 DN12, DN1250, DN50 B04EM, FB100KC, FB100N FB10EXT. FB10EXT-SY FB10EXT-SY FB10EXT-WT FB35-GW. FB45CG-SY, FB45CG-WT FB45BS-SY, FB45HS-WT FB45S. FB85CG-SY, FB55HS-WT FB55HS-SY, FB55HS-WT FB55BS-SY, FB5BS-SWT FB55BS-SY, FB5BS-	777 777 777 777 777 777 777 777 777 77
BNP1501A, BNP1501BA BNP2101A, BNP1501BA BNP2101A, BNP2101BA BY0B161, BY0B163, BY0B164 CM100, CM100S, CM111, CM111CS, CM200 DN12, DN1250, DN50	777 777 777 777 777 777 777 777 777 77
BNP1501A, BNP1501BA BNP2101A, BNP1201BA BNP2101A, BNP2101BA BY08161, BY0B163, BY0B164 CM100, CM100S, CM111, CM111CS, CM200 DN12, DN1250, DN50 FB04EM, FB100KC, FB100N FB10EXT. FB10EXT-SY. FB10EXT-WT. FB45CS-SY, FB45CG-WT. FB45CS-SY, FB45CG-WT. FB45BS-SY, FB55HS-WT. FB55HS-SY, FB55HS-WT. FB55HS-SY, FB55HS-WT. FB55BSCG-SY, FB55HS-WT. FB55BSCG-SY, FB55HS-WT. FB58BCG-SY, FB55HS-WT. FB58BCG-SY, FB55HS-WT. FB58HSCG-SY, FB55HS-WT. FB58HSCG-SY, FB55HS-WT. FB58HSCG-SY, FB55HS-WT. FB58HSCG-SY, FB55HS-WT. FB58HS-SY, FB58HS-WT. FB55HS-	77 77 77 77 77 77 76 94 155 68 69 69 69 69 69 68 68 68 68 68 68 69 61 16 16 16 16 16 16 16 16 16 16 16 16
BNP1501A, BNP1501BA BNP2101A, BNP1501BA BNP2101A, BNP1501BA BYOB161, BYOB163, BYOB164 CM100, CM100S, CM111, CM111CS, CM200 DN12, DN1250, DN50 FB04EM, FB100KC, FB100N FB10EXT FB10EXT FB10EXT-WT FB35-GV. FB45CG-SY, FB45CG-WT. FB45BS-SY, FB45HS-WT FB45CG-SY, FB55HS-WT FB55KG-SY, FB55HS-WT FB55KG-SY, FB55HS-WT FB55HS-SY, FB55HS-WT FB55MS-SY, FB55HS-WT FB55MS-SY, FB55HS-WT FB55MS-SY, FB55HS-WT FB55MS-SY, FB55HS-WT FB56CG-WT FB55MS-SY, FB55HS-WT FB56CG-WT FBCPPW FBCPPW FBCPPW FBCPPW FBCPPW FBCPPW FBWDS FH200N, FH200WK HK050N, HK500P, HK50U LC050N, LC200, LC300 DFC4234 DFC4235E DFS4234 DFX423180 DFX423180 DFX423180 DFX423180 DFX423180 DFX423180 DFX423180 DFX4235E PB150C PB150BB PB150C PB150BB PB150C PB130, PB180, PB220 PK6465FRG, PKG405TRG	777 777 777 777 777 777 777 777 777 77
BNP1501A, BNP1501BA BNP2101A, BNP1501BA BNP2101A, BNP2101BA BY0B161, BY0B163, BY0B164 CM100, CM100S, CM111, CM111CS, CM200 DN12, DN1250, DN50 B04EM, FB100KC, FB100N FB10EXT. FB10EXT-SY, FB10EXT-SY, FB10EXT-WT FB45CS-SY, FB45CG-WT FB45CS-SY, FB45CG-WT FB45CS-SY, FB55HS-WT FB55KS-SY, FB55HS-WT FB58KS-SY, FB58HS-WT FB58KS-SY, FB58HS-WT FB58KS-SY, FB58HS-WT FBCPPW FBCOPP FB75KS-SY, FB55HS-WT FBCPPW FBCOPP FBCOPPW FBCOPP FBCOPPW FBCOPP FBSWHS-SY, FB5SHS-WT FBCOPP FBCOPPW FBCOPP FBCOPPW F	777 777 777 777 777 777 777 777 777 77
BNP1501A, BNP1501BA BNP2101A, BNP1501BA BNP2101A, BNP2101BA BY08161, BY0B163, BY0B164 CM100, CM100S, CM111, CM111CS, CM200 DN12, DN1250, DN50 FB04EM, FB100KC, FB100N FB10EXT FB10EXT FB10EXT-SY FB10EXT-WT FB35-GV FB35-GV FB45KG-SY, FB45KG-WT FB45BS-SY, FB45HS-WT FB45BS-SY, FB55KG-WT FB55BS-SY, FB55KG-WT FB55BS-SY, FB55KG-WT FB55BS-SY, FB55KS-WT FB55BS-SY, FB55KS-WT FB56KG-SY, FB55KS-WT FB56KG-SY, FB55KS-WT FB56KG-SY, FB55KS-WT FB56KG-SY, FB55KS-WT FB56KG-SY, FB55KS-WT FB56KG-WT FB56KG-WT FB56KG-WT FB56KG-WT FB56KG-SY, FB56KS-WT FB56KG-SY, FB56KS-WT FB56KG-SY, FB56KS-WT FB56KG-SY, FB56KS-WT FB56KG-SY, FB56KS-WT FB56KG-SY, FB56KS-WT FB56KG-WT FB56KG-WT FB56KG-WT FB5KG-SY, FB56KS-WT FB56KG-SY, FB56KS-WT FB58KG-WT FB58KS-SY, FB56KS-WT FB58KS-SY, FB56KS-WT FB58KS-SY, FB56KS-WT FB58KS-SY, FB56KS-WT FB58KS-SY, FB56KS-WT FB58KS-SY, FB56KS-WT FB56KS-SY, FB56KS-WT FB5CPP FB5CO FBWDS FH200, FH200W, FH200WK HK050N, HK500, HK500P, HK50U LC050N, LC200, LC300 FC4234 OFC4235E OFX48318 OFX42318 OFX42318 OFX42318 OFX4235E FB65C FB130, PB180, PB220 PKG14STFS, PKG14STRG PKG65C, PKG275, PKG300 PKG46SFRG, PKG46STRG PKG48STFS, PKG46STRG PKG46STFS, PKG46STRG PKG6500, PKG650	777 777 777 777 777 777 777 777 777 77
BNP1501A, BNP1501BA BNP2101A, BNP1501BA BNP2101A, BNP2101BA BY0B161, BY0B163, BY0B164 CM100, CM100S, CM111, CM111CS, CM200 DN12, DN1250, DN50 B04EM, FB100KC, FB100N FB10EXT. FB10EXT-SY, FB10EXT-SY, FB10EXT-WT FB45CS-SY, FB45CG-WT FB45CS-SY, FB45CG-WT FB45CS-SY, FB55HS-WT FB55KS-SY, FB55HS-WT FB58KS-SY, FB58HS-WT FB58KS-SY, FB58HS-WT FB58KS-SY, FB58HS-WT FBCPPW FBCOPP FB75KS-SY, FB55HS-WT FBCPPW FBCOPP FBCOPPW FBCOPP FBCOPPW FBCOPP FBSWHS-SY, FB5SHS-WT FBCOPP FBCOPPW FBCOPP FBCOPPW F	777 777 777 777 777 777 777 777 777 77

PKGFBS	OOO OV DVOEDOOUG WE
	GCCG-SY, PKGFBSCHS-WT, GCHSV-WT67
	81
	79, 86
	80, 86
	79, 86
	85, 86
	85, 86 85. 86
	85, 86
	85, 86
	84, 86
	84, 86
	84, 86
PR70, P	R70G84, 86
	82, 86
	82, 86
	83, 86
	82, 86
	82, 86 83, 86
	82, 86
	82, 86
	83, 86
	82, 86
	83, 86
	PR95U81, 86
PR98G,	PR98S, PR98U80, 86
PR99, P	R99XL83, 86
	SBSC, SBVB25
SC00EE	372
SCOOPF	P, SC01PP70
	SA66, 67
	7575
	۸71
	KU71
SCOSON	I64, 72
SC055N	I
	l72
SC06CF	SC06CFW72
SC06DI	<72
	J72
	J72
	l72
	l72
	5IGA66 5PA24E64
	I72
	72
SC1000	37
	ļ72
	l72
	IGA66 PA24E64
	IGA66
SC1865	PA24E, SC1865PA24NT64
SC1865	PA40E, SC1865PA40NT63
	PA44E63
	PA44F65
SC1865	PA44NT63
SC1865	PA44XL65
SC2000)37 R
5020W	IGA66
SC2170	PΔ24F SC2170PΔ24NT 64
SC2170	PA24E, SC2170PA24NT64 PA40E, SC2170PA40NT63
SC2170	PA44E63
SC2170	PA44F 65
SC2170	PA44NT63
	PA44XL65
	IIGA66
502480	IIGAFB67 IPA24E, SC2480PA24NT64
50248U	IPA40E, SC2480PA40NT63
SC2480	PA44E63
SC2480	PA44F65
	PA44FB67
30Z48l	PA44NT63
SC2480	
SC2480 SC2480	PA44XL65
SC2480 SC2480 SC24PF	PA44XL65
SC2480 SC2480 SC24PF SC34BI	PA44XL65
SC2480 SC24PF SC34BI SC40PF	PA44XL 65 7 70 70 71 71 72 8C44PP 70
SC2480 SC2480 SC24PF SC34BI SC40PF SC44S	PA44XL 65 70 70 71 71 72, SC44PP 70
SC2480 SC2480 SC24PF SC34BI SC40PF SC44S. SC450,	PA44XL 65 70 71 SC44PP 70 66 SC450I, SC450S 37
SC2480 SC2480 SC24PF SC34BI SC40PF SC44S SC450, SC500	PA44XL 65 77 77 \$C44PP 70 66 \$C450I, \$C450S 37
SC2480 SC2480 SC24PF SC34BI SC40PF SC44S SC450, SC500 SC50B	PA44XL 65 77 71 \$C44PP 77 \$C4501, \$C450S 37 71, 75
SC2480 SC24PF SC34BI SC40PF SC44S SC450, SC500 SC50B SC600	PA44XL 66 77 77 \$C44PP 77 66 \$C450I, \$C450S 37 37 71,75
SC2480 SC24PF SC34BI SC40PF SC44S. SC450, SC500 SC50B SC600 SC72N0 SC900	PA44XL 65 77 71 SC44PP 77 SC450I, SC450S 37 71, 75 71, 75 72
SC2480 SC24PF SC34BI SC40PF SC44S SC450, SC500 SC50B SC600 SC72N0 SC900 SCFUTS	PA44XL 65 77 SC44PP 77 SC450I, SC450S 37 71, 77 71, 77 72 73 74, 75 75 75 75 75 75 75 75
SC2480 SC24PF SC34BI SC40PF SC44S SC450, SC500 SC50B SC600 SC72N0 SC900 SCFUTS SCNOTI	PA44XL 65 77 77 \$C44PP 70 86 \$C450I, \$C450S 37 71, 77 37 37 37 34L, \$CFUTSALN 75 P 71
SC2480 SC24PF SC34BI SC40PF SC44S SC450, SC500 SC50B SC600 SC72NO SC900 SCFUTS SCNOTI	PA44XL 65
SC2480 SC24PF SC34BI SC40PF SC44S SC450, SC500 SC50B SC600 SC72NO SCFUTS SCNOTI SCTEAN SFB101	PA44XL 65
SC2480 SC24PF SC34BI SC40PF SC44S SC450, SC500 SC50B SC600 SC72N0 SC900 SCFUTS SCNOTI SCROTI	PA44XL 65
SC2480 SC24PF SC34BI SC40PF SC44S. SC450, SC500. SC50B. SC600. SC72N0 SC72N0 SCFUTS SCFUTS SCFUTS SCFUTS SCFUTS SCFEAM SFB101 SFB106 SFB201	PA44XL 65
SC2480 SC24PF SC34BI SC40PF SC44S SC450, SC500 SC500 SC500 SC72NO SC900 SCFUTS SCNOTI SCFUTS SCNOTI SCFEAN	PA44XL 65

CENTAGO CENTAGO CENTAGO CENTA	07	
SFK102, SFK202, SFK203, SFK3	υ/.	ي
OFRUDU, OFRUDU		6
SFR140F		,
SFR050, SFR060	•••••	 د
SEB336D SEB336E	•••••	۲
SFR245		٠
SFR250		
SFT100	•••••	 د
ST125E ST125ECV ST125EL ST	125	
ST125F, ST125FCV, ST125FL, ST ST45B, ST45BCV, ST45BL, ST45	IZU De)FO.2
ST45F	DO	
5145F		4
ST45FCV		4
ST45FI ST45FL. ST45FS	•••••	2
ST54F		2
ST870		2
ST83F, ST84F		2
\$185B, \$185BCV, \$185BL,		,
\$185B\$, \$185F	•••••	2
5183FUV		4
ST85FI, ST85FICV		4
ST85FL, ST85FS	•••••	2
ST89F		2
STC036		<u>ن</u>
STC100, STC100ART		
STC300, STC300ART, STC300L.		 ن
STC100, STC100ARTSTC300, STC300ART, STC300L.STC400, STC400ART, STC400L.		3
STC400UPSTC500, STC500ART		3
STC500, STC500ART		3
STR10WBF, STR10WBR		
STR12WFUF, STR12WFUR		
STR15WSFF, STR15WSFRSVB08		
SVB08	15,	53, 6
SVB100, SVB1000		5
SVB1002		5
SVB2000A		5
SVR210		F
SVB23, SVB27, SVB28		F
SVR400		
SVB50, SVB500, SVB5000, SVB5		n 5
SVB5050W	,00	
CVD72		
TB100, TB100P, TB300, TB50-B TN10, TN10CS, TN10N TR22, TR23		6
TNIO TNIOCE TNION		
TD22 TD22	•••••	
TR74, TR75, TR76	•••••	4
TD00		4
TR86		4
TR95, TR96	•••••	۶
VB0050		6
VB01XL		
VB10		
		4
VB100		4
VR1000	 38	39 4
VB1000VB1000NS	 38,	39, 4
VB1000 VB1000NS VB1002	38,	39, 4 4
VB1000 VB1000NS VB1002 VB1002NS.	38,	39, 4
VB1000 VB1000NS VB1002 VB1002NS VB1200RR	38,	39, 4
VB1000 VB1000NS VB1002 VB1002NS VB1200RR VB123	38,	39, 4
VB1000. VB1000NS. VB1002. VB1002NS. VB1200RR. VB123. VB1250K	38,	39, 4
VB1000. VB1000NS. VB1002. VB1002NS. VB1200RR. VB123. VB1250K	38,	39, 4
VB1000. VB1000NS. VB1002. VB1002NS. VB1200RR. VB123. VB1250K	38,	39, 4
VB1000. VB1000NS. VB1002 VB1002NS. VB1200RR. VB1250K. VB1250K. VB1250SP. VB1250ST. VB1250ST. VB125SW, VB1253W.	38,	39, 4
VB1000. VB1000NS. VB1002. VB1002NS. VB1200RR. VB1250K. VB1250K. VB1250SP. VB1250ST. VB1251W, VB1252W, VB1253W	38,	39, 4
VB1000 VB1000NS VB1002 VB1002NS VB1200RR VB1250K VB1250K VB1250ST VB1251W, VB1252W, VB1253W VB1298	38,	39, 4
VB1000. VB1000NS. VB1002 VB1002NS. VB1200RR. VB1250K. VB1250K. VB1250SP. VB1250ST. VB1250ST. VB125SW, VB1253W.	38,	39, 4
VB1000. VB1000NS. VB1002 VB1002NS. VB1200RR. VB123 VB1250K. VB1250ST VB1250ST VB1259ST VB1251W, VB1252W, VB1253W. VB13. VB13. VB185. VB20.	38,	339, 4 339, 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
VB1000. VB1000NS. VB1002 VB1002NS. VB1200RR. VB123. VB1250K. VB1250S7 VB1250S7 VB1251W, VB1252W, VB1253W. VB1288 VB13.	38,	339, 4 339, 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
VB1000. VB1000NS. VB1002 VB1002NS. VB1200RR. VB1250K. VB1250K. VB1250ST VB1251W, VB1252W, VB1253W. VB1288 VB138. VB185. VB20. VB200.	38,	39, 4 39, 4 4 5 5 5 5 5 5 5 5 5 5 6 5 7 4 4 4 7 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7
VB1000. VB1000NS. VB1002 VB1002NS. VB1200RR. VB1250K. VB1250K. VB1250ST VB1251W, VB1252W, VB1253W. VB1288 VB138. VB185. VB20. VB200.	38,	39, 4 39, 4 4 5 5 5 5 5 5 5 5 5 5 6 5 7 4 4 4 7 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7
VB1000. VB1000NS. VB1002 VB1002NS. VB1200RR. VB1250K. VB1250K. VB1250ST VB1251W, VB1252W, VB1253W. VB1288 VB138. VB185. VB20. VB200.	38,	39, 4 39, 4 4 5 5 5 5 5 5 5 5 5 5 6 5 7 4 4 4 7 7 8 7 8 7 8 7 8 7 8 7 8 7 8 7
VB1000 VB1000NS VB1002 VB1002NS VB1200RR VB1230RR VB1250K VB1250SP VB1250ST VB1251W, VB1252W, VB1253W VB1298 VB185 VB185 VB20	38,	39, 4
VB1000. VB1000NS. VB1002 VB1002NS. VB1200RR VB123 VB1250K. VB1250K. VB1250ST VB1251W, VB1252W, VB1253W. VB128 VB13 VB185. VB20 VB200 VB2000NS. VB2000T VB2002	38,	39, 4 20, 20, 20, 20, 20, 20, 20, 20, 20, 20,
VB1000. VB1000NS. VB1002 VB1002NS. VB1200RR VB123 VB1250K. VB1250K. VB1250ST VB1251W, VB1252W, VB1253W. VB128 VB13 VB185. VB20 VB200 VB2000NS. VB2000T VB2002	38,	39, 4 20, 20, 20, 20, 20, 20, 20, 20, 20, 20,
VB1000 VB1000NS VB1002 VB1002NS VB1200RR VB1200RR VB1250K VB1250K VB1250ST VB1251W, VB1252W, VB1253W VB135 VB13 VB185 VB200 VB2000 VB2000NS VB2000T VB2002 VB2002 VB2002NS	38,	39, 4
VB1000 VB1000NS VB1002 VB1002NS VB1200RR VB1200RR VB1250K VB1250K VB125SST VB1251W, VB1252W, VB1253W VB128 VB135 VB100 VB200 VB2000 VB2000NS VB2000T VB2002 VB2002 VB201	38,	39, 4
VB1000. VB1000NS. VB1002 VB1002NS. VB1200RR. VB1220RR. VB1250K. VB1250SF. VB1250ST. VB1251W, VB1252W, VB1253W. VB128. VB13. VB13. VB13. VB200. VB2000. VB2000. VB2000T. VB2000T. VB2000T. VB2002. VB2002NS. VB21. VB21. VB22. VB22. VB22.	38,	39, 4 39, 4 39, 4 39, 4 39, 4 4 553, 5
VB1000 VB1000NS VB1002 VB1002NS VB1200RR VB1200RR VB1250K VB1250SP VB1250ST VB1251W, VB1252W, VB1253W VB13 VB13 VB13 VB13 VB18 VB200 VB2000 VB2000NS VB2000T VB2002NS VB201 VB202 VB202 VB202 VB202 VB202 VB202 VB203 VB203 VB204 VB208 VB	38,	39, 4 553, 5 559, 6
VB1000 VB1000NS VB1002 VB1002NS VB1002NS VB1200RR VB1250R VB1250K VB1250ST VB1251W, VB1252W, VB1253W VB128 VB135 VB100 VB200 VB2000 VB2000NS VB2000T VB2002 VB2002NS VB21 VB21 VB21 VB22 VB23 VB23 VB23 VB23 VB23CH VB23CH VB20CONS	38,	39, 4 553, 5 559, 6 559, 6
VB1000. VB1000NS. VB1002 VB1002NS. VB1200RR VB1220RR VB1250K. VB1250ST VB1250ST VB1251W, VB1252W, VB1253W. VB128 VB13. VB185. VB20 VB200. VB2000NS VB2000NS VB2000T VB2002 VB2012WB2002 VB202VB202NS. VB21 VB202 VB202 VB203	38,	39, 4
VB1000 VB1000NS VB1002 VB1002NS VB1002NS VB1200RR VB1250R VB1250K VB1250SP VB1250ST VB1251W, VB1252W, VB1253W VB198 VB13 VB185 VB20 VB200 VB2000 VB2000 VB2000T VB2002 VB2002NS VB201 VB202 VB202 VB202 VB203 VB203 VB203 VB204 VB206 VB206 VB206 VB206 VB207 VB207 VB208 VB208 VB208 VB208 VB208 VB208 VB208 VB208 VB208 VB206 VB206 VB206 VB207 VB207 VB208	38,	39, 4
VB1000 VB1000NS VB1002 VB1002NS VB1002NS VB1200RR VB1250K VB1250K VB1250ST VB1251W, VB1252W, VB1253W VB1288 VB13 VB13 VB13 VB100 VB200 VB2000 VB2000NS VB2000T VB2002 VB2002 VB2002NS VB21 VB21 VB22 VB23 VB23 VB23 VB23-CV VB23IK	38,	39, 4
VB1000. VB1000NS. VB1002 VB1002NS. VB1200RR VB1220RR VB1250K. VB1250ST VB1250ST VB1251W, VB1252W, VB1253W. VB128 VB13. VB185. VB20 VB2000 VB2000NS VB2000NS VB2000T VB2002 VB202 VB202 VB202 VB202 VB202 VB202 VB200C VB20C VB20	38,	339, 2
VB1000 VB1000NS VB1002 VB1002NS VB1002NS VB1200RR VB1250R VB1250K VB1250S7 VB1251W, VB1252W, VB1253W VB135 VB13 VB13 VB13 VB185 VB200 VB2000 VB2000NS VB2000T VB2000VB200C VB200C VB20C VB20C VB23CH VB23CH VB23CH VB23CH VB23L VB23L VB23L VB23L VB23L VB23L VB23L VB23L VB230 VB230	38,	39, 4
VB1000 VB1000NS VB1002 VB1002NS VB1002NS VB1200RR VB1250R VB1250K VB1250S7 VB1251W, VB1252W, VB1253W VB1298 VB135 VB13 VB13 VB13 VB100 VB200 VB2000NS VB2000NS VB2000NS VB2000NS VB2000T VB2002 VB2002NS VB201 VB201 VB202 VB202 VB202 VB202 VB203 VB204 VB204 VB205 VB206 VB208 VB208 VB200 VB2000NS VB2000NS VB201 VB2000NS VB201 VB201 VB202 VB2002NS VB21 VB23 VB23 VB23 VB23 VB23 VB23 VB23 VB23	38,	39, 4
VB1000. VB1000NS. VB1002 VB1002NS. VB1002NS. VB1200RR VB1250K. VB1250K. VB1250S7 VB1251W, VB1252W, VB1253W. VB128 VB13. VB185. VB200 VB2000NS. VB2000NS. VB2000NS. VB2000NS. VB2000NS. VB2002 VB2002NS. VB201. VB2002 VB201. VB200C. VB2002NS. VB2002 VB2002NS. VB2002 VB2002NS. VB2002 VB2002NS. VB2000NS. VB200NS. VB20NS.	38,	39, 4 553, 5 59, 6 559, 6 512, 559, 6
VB1000 VB1000NS VB1002 VB1002NS VB1002NS VB1200RR VB1250R VB1250K VB1250SP VB1250ST VB1251W, VB1252W, VB1253W VB13 VB13 VB185 VB20 VB200 VB2000 VB2000NS VB2000T VB2002NS VB2002NS VB2002NS VB202 VB202NS VB203 VB203 VB204 VB23 VB23 VB23 VB23 VB23 VB23 VB23 VB23	38,	39, 4 553, 5 559, 6 559, 6 551, 5 551, 5
VB1000 VB1000NS VB1002 VB1002NS VB1002NS VB1200RR VB1250R VB1250K VB1250SP VB1251W, VB1252W, VB1253W VB1298 VB128 VB13 VB185 VB200 VB2000NS VB2000NS VB2000NS VB2000T VB2002 VB2002NS VB201 VB201 VB202 VB202 VB202 VB202 VB203 VB204 VB205 VB205 VB205 VB206 VB206 VB207 VB208 VB208 VB208 VB208 VB208 VB208 VB209 VB2000NS VB200NS VB200NS VB200NS VB200NS VB20NS VB	38,	39, 4 55, 6 59, 6 59, 6 51, 55, 6 51, 55, 6
VB1000. VB1000NS. VB1002 VB1002NS. VB1200RR VB1200RR VB1250K. VB1250K9 VB1250S7 VB1251W, VB1252W, VB1253W. VB128 VB128 VB128 VB200 VB2000 VB2000NS. VB2000NS. VB2000NS. VB2000NS. VB200C VB2002NS. VB202 VB202NS. VB21. VB22 VB23 VB23CH. VB23CH. VB23CH. VB23K. VB23K. VB23S. VB23S. VB24 VB25E. VB25F. VB25F. VB25F.	38, 38, 31, 31, 31, 31, 31, 31, 31, 31, 31, 31	39, 4 55, 5 59, 6 59, 6 51, 5 51, 5 51, 5 51, 5 51, 5
VB1000 VB1000NS VB1002 VB1002NS VB1002NS VB1200RR VB1250R VB1250K VB1250SP VB1250ST VB1251W, VB1252W, VB1253W VB133 VB183 VB183 VB185 VB200 VB2000NS VB2000T VB2000VB2000NS VB2002NS VB200C VB201 VB202C VB202NS VB202 VB203 VB202 VB203 VB205 VB205 VB205 VB205 VB205 VB206 VB206 VB207 VB208 VB21 VB23 VB23 VB23 VB24 VB25 VB25 VB25 VB25 VB25 VB25 VB26 VB26 VB26 VB26 VB26 VB26 VB26 VB26	38, 38, 31, 31, 31, 31, 31, 31, 31, 31, 31, 31	39, 4 553, 5 559, 6 559, 6 551, 5 551, 5
VB1000 VB1000NS VB1002 VB1002NS VB1002NS VB1200RR VB1250R VB1250K VB1250SP VB1251W, VB1252W, VB1253W VB1298 VB128 VB135 VB120 VB200 VB2000NS VB2000NS VB2000NS VB2000NS VB200C VB201 VB201 VB202 VB202 VB202 VB202 VB202 VB202 VB202 VB203 VB205 VB205 VB205 VB205 VB205 VB206 VB206 VB206 VB207 VB207 VB208 VB208 VB208 VB208 VB208 VB208 VB208 VB208 VB208 VB209 VB208 VB208 VB208 VB208 VB21 VB22 VB23 VB23 VB23 VB23 VB23 VB23 VB23	38, 38,	39, 4 55, 55, 6 551, 551, 551, 551, 551, 551, 551, 551,
VB1000. VB1000NS. VB1002 VB1002NS. VB1200RR VB1200RR VB1250K. VB1250K. VB1250S7 VB1251W, VB1252W, VB1253W. VB128 VB128 VB133. VB13. VB185. VB200 VB2000NS. VB2000NS. VB2000NS. VB2000NS. VB2000T VB2002 VB2002NS. VB201 VB202 VB202 VB202NS. VB21. VB23. VB23. VB23CH.	38, 38,	39, 4 55, 55, 6 55, 7 55, 7
VB1000 VB1000NS VB1002 VB1002NS VB1002NS VB1200RR VB1250R VB1250K VB1250SP VB1250ST VB1251W, VB1252W, VB1253W VB1298 VB13 VB185 VB200 VB2000 VB2000NS VB2000T VB2000VS VB2000T VB2002NS VB200C VB200AS VB200C VB200AS VB200C VB200S VB200T VB200C VB200S VB200C VB200S VB200C VB200S VB20T VB20C VB20S VB20C VB20S VB21 VB23 VB23 VB24 VB25 VB25 VB24 VB25 VB25 VB25 VB25 VB25 VB25 VB26 VB27 VB27 VB27 VB27 VB27 VB27 VB27	38,	39, 4 5, 5, 5, 6 5, 5, 6 5, 6, 6 5, 7, 8 5, 8 5, 8 5, 9, 6 6, 8 6, 8 6, 8 6, 8 7, 8 8, 8,
VB1000 VB1000NS VB1002 VB1002NS VB1002NS VB1200RR VB1250R VB1250K VB1250SP VB1251W, VB1252W, VB1253W VB1298 VB135 VB135 VB200 VB2000 VB2000 VB2000T VB2000T VB2002 VB2000NS VB201 VB202 VB202 VB202 VB202 VB202 VB202 VB205 VB201 VB205 VB201 VB201 VB201 VB202 VB201 VB201 VB202 VB201 VB201 VB201 VB201 VB201 VB202 VB201 VB201 VB201 VB201 VB201 VB201 VB202 VB201 VB	338,	39, 4
VB1000 VB1000NS VB1002 VB1002NS VB1002NS VB1200RR VB1250K VB1250K VB1250S7 VB1251W, VB1252W, VB1253W VB128 VB133 VB135 VB200 VB2000 VB2000 VB2000NS VB2000NS VB2000NS VB2000NS VB200C VB2002 VB2002 VB2002 VB201 VB202 VB202 VB201 VB205 VB205 VB205 VB205 VB21 VB206 VB206 VB206 VB207 VB207 VB207 VB208 VB21 VB23 VB23 VB23CH VB23CH VB23CH VB23CH VB23FL VB23FL VB23FL VB23FL VB25FL VB25FL VB26CH VB27CH VB300 VB3000	338,	39, 4 55, 55, 6 55, 6 51, 2 51, 3 51, 3
VB1000 VB1000NS VB1002 VB1002NS VB1002NS VB1200RR VB1250R VB1250K VB1250SP VB1250ST VB1251W, VB1252W, VB1253W VB1298 VB13 VB185 VB200 VB2000 VB2000NS VB2000T VB2000VB2000NS VB2002NS VB200C VB2002NS VB201 VB202 VB202 VB205 VB205 VB205 VB205 VB206 VB207 VB207 VB207 VB207 VB207 VB207 VB208 VB300 VB3000 VB3000 VB3000	338,	39, 4 55, 55, 6 559, 6 51, 5 51,
VB1000 VB1000NS VB1002 VB1002NS VB1002NS VB1200RR VB1250K VB1250K VB1250S7 VB1251W, VB1252W, VB1253W VB128 VB133 VB135 VB200 VB2000 VB2000 VB2000NS VB2000NS VB2000NS VB2000NS VB200C VB2002 VB2002 VB2002 VB201 VB202 VB202 VB201 VB205 VB205 VB205 VB205 VB21 VB206 VB206 VB206 VB207 VB207 VB207 VB208 VB21 VB23 VB23 VB23CH VB23CH VB23CH VB23CH VB23FL VB23FL VB23FL VB23FL VB25FL VB25FL VB26CH VB27CH VB300 VB3000	338,	39, 4 4, 4 39, 4 39, 4 39, 4 44, 5 59, 6 51, 5 51,

VB354	59
VB35P55	
VR400	46
VB400038, 39	9, 46
VB4002VB510P	46
VB51P	56
VB51PW	56
VB60	
VB60038, 39	40 9 48
VR6000NS	48
VB6000T3	9, 51
VB6002	48
VB6002NS VB6050	46 48
VB6050NS	48
VB70	44
VB70038, 39	44
VB7000NS	44
VB7002	44
VB7002NS	44
VB73VB76	54
VB77	
VB777	42
VB7702	
VB7702NS VB7777	
VB7777NS	
VB77772	42
VB80JR	50
VB81049	y, ou o ⊿o
VB810038, 39 VB8100JR38	9, 50
VB8100L0W	49
VB8102	
VB8102DJ VB810JR	48 50
VB8102JR	50
VB810P	49
VB90VB900	47
VB900038, 39	
VB9000NS	47
VB9002	47
VB9002NS	47
VB9002NSVB9130	47 57
VB9002NS VB9130 VB9135 VB9140	47 57 57
VB9002NS VB9130 VB9135 VB9140 VB92	47 57 57 57
VB902NS VB9130. VB9135 VB9140 VB92. VB94	47 57 57 57 57
VB9002NS. VB9130. VB9135. VB9140. VB92. VB94. VB95.	47 57 57 57 57 57
VB902NS. VB9130 VB9135 VB9140 VB92 VB94 VB95 VB96 VB96 VB96	57 57 57 57 57 57
VB9002NS VB9130. VB9135. VB9140. VB92. VB94. VB95. VB96. VB96. VB98HG. VB99HG	47 57 57 57 57 54
VB9002NS VB9130. VB9135. VB9140. VB92. VB94. VB95. VB96. VB96. VB98HG. VB99HG	47 57 57 57 57 54
VB9002NS. VB9130 VB9130 VB9140 VB92 VB94 VB94 VB95 VB96 VB986 VB98HG VB98HG VB9SS VBTBASE WB70 WB70F-RK WB70F-RK	47 57 57 57 57 57 54 54 54
VB9002NS. VB9130 VB9130 VB9140 VB92 VB94 VB94 VB95 VB96 VB986 VB98HG VB98HG VB9SS VBTBASE WB70 WB70F-RK WB70F-RK	47 57 57 57 57 57 54 54 54
VB9002NS. VB9130 VB9130 VB9140 VB92 VB94 VB94 VB95 VB96 VB986 VB98HG VB98HG VB9SS VBTBASE WB70 WB70F-RK WB70F-RK	47 57 57 57 57 57 54 54 54
VB9002NS VB9130. VB9130. VB9135. VB9140. VB92 VB94 VB95. VB96. VB98HG. VB98HG. VB98HG. VB98HG. VBDSS. VBTBASE. WP20, WP20F, WP20F-BK, WP20F-GF WP25. WP6216, WP6216F, WP6216G, WP6216F, WP6216F, WP6216F, WP6216F, WP6216F,	47 57 57 57 57 54 54 54 59 51 31
VB9002NS. VB9130	47 57 57 57 57 54 54 54 54 51 31 31
VB9002NS. VB9130	47 57 57 57 57 54 54 54 54 51 31 31
VB9002NS. VB9130	4757575757575754545454343434
VB9020NS. VB9130	47 57 57 57 57 57 54 51 31 31 34 34 34
VB902NS. VB9130	47 57 57 57 57 57 54 54 34 34 34 34 34 34
VB9002NS. VB9130	47 57 57 57 57 54 54 59 51 31 31 34 34 34 34
VB9002NS. VB9130	47 57 57 57 57 54 54 59 51 31 31 34 34 34 34
VB9002NS. VB9130	47 57 57 57 57 54 54 59 51 31 31 34 34 34 34
VB9002NS. VB9130	47 57 57 57 57 54 59 51 34 34 34 34 34 34 34 34 34
VB9002NS. VB9130 VB9130 VB9135 VB9140 VB92 VB944 VB95 VB966 VB98HG VB99HG VBDSS VB18ASE WP20, WP20F, WP20F-BK, WP20F-GF WP25 WP6216, WP6216F, WP6216G, WP6216L WP620, WP62F WP6216 WP6216, WP641F WP6416, WP641F WP6416, WP641F WP6416, WP641GF WP6416, WP641GF WP6416, WP641GF WP6416, WP641GF WP6416, WP641GF WP6416, WP641GF WP7216 WP721F	
VB9002NS. VB9130	
VB9002NS. VB9130	
VB9002NS. VB9130	
VB902NS. VB9130 VB9135 VB9135 VB9140 VB92 VB94 VB95 VB96 VB96 VB996 VB996 VB996 VB998 VB988 VB988 VB988 VB988 VB988 VB988 VB988 VB988 VB988 VB928 WP29 WP62 WP62 WP62 WP62 WP62 WP62 WP62 WP62 WP64 WP72 WP72 WP72 WP72 WP72 WP74	
VB9002NS. VB9130 VB9130 VB9135 VB9140 VB92 VB944 VB95 VB966 VB996 VB996 VB99HG VBDSS VB18ASE WP20, WP20F, WP20F-BK, WP20F-GF WP25 WP6216, WP6216F, WP6216G, WP6216L WP6210, WP62F WP6216 WP6416, WP6416F WP6416, WP6416F WP6416, WP6416F WP7216, WP7216F, WP7216G, WP7216L WP7216 WP7216 WP7216 WP7216 WP7216 WP7216 WP7216 WP7416 WP741F WP741F WP741F	
VB9002NS. VB9130 VB9130 VB9130 VB9140 VB92 VB944 VB92 VB94 VB95 VB966 VB996 VB99HG VBDSS VBDSS VBP20F WP20F WP20F WP62F WP62F WP62I6 WP62I6I WP62I6I WP62I6I WP64I6 WP72I WP72I WP72I WP72I WP72I WP72I WP72I WP72I WP74I WP82F	
VB9002NS. VB9130 VB9130 VB9130 VB9135 VB9140 VB92 VB944 VB95 VB966 VB996 VB99HG VBDSS VB18ASE WP20, WP20F, WP20F-BK, WP20F-GF WP25 WP6216, WP6216F, WP6216G, WP6216L WP6216L WP6216L WP624 WP6416, WP6416F WP6416, WP6416LF WP6416, WP6416LF WP7216 WP7416 WP8216	
VB9002NS. VB9130	
VB9002NS. VB9130	
VB9002NS. VB9130	
VB9002NS. VB90130 VB9130 VB9135 VB9140 VB92 VB92 VB94 VB95 VB96 VB96 VB98 VB96 VB98 VB96 VB99 VB98 VB99 WP62 WP64 WP64 WP64 WP64 WP64 WP64 WP64 WP64 WP64 WP72 WP74 WP82 WP82 WP82 WP82 WP82 WP82 WP82 WP82 WP84	
VB9002NS. VB9130 VB9130 VB9130 VB9135 VB9140 VB92 VB944 VB95 VB966 VB986 VB996 VB99HG VBDSS VB18ASE WP20, WP20F, WP20F-BK, WP20F-GF WP25 WP6216, WP6216F, WP6216G, WP6216I WP6216, WP621F WP621, WP62F WP621, WP62F WP6416, WP6416F WP6416, WP6416F WP6416, WP7416F WP7216 WP7416 WP8216 WP8416 WP8416 WP8416F	
VB9002NS. VB9130 VB9130 VB9130 VB9135 VB9140 VB92 VB944 VB92 VB94 VB95 VB96 VB98HG VB99HG VBDSS VBF16ASE WP20, WP20F, WP20F-BK, WP20F-GF WP25 WP6216 WP6216 WP6216 WP6216 WP6216 WP6216 WP6216 WP6416F WP6416F WP6416F WP6416F WP6416F WP6416C WP7216 WP7416 WP8216 WP821 WP821 WP821 WP821 WP821 WP821 WP821 WP8416	
VB9002NS. VB9130 VB9130 VB9130 VB9135 VB9140 VB92 VB944 VB95 VB966 VB986 VB996 VB99HG VBDSS VB18ASE WP20, WP20F, WP20F-BK, WP20F-GF WP25 WP6216, WP6216F, WP6216G, WP6216I WP6216, WP621F WP621, WP62F WP621, WP62F WP6416, WP6416F WP6416, WP6416F WP6416, WP7416F WP7216 WP7416 WP8216 WP8416 WP8416 WP8416F	





60M/3-14

Be the first to hear about Bison's special discounts, new products, factory rebates, and more.
Sign up for our e-mail news at bisoninc.com/specials today!

A GOAL FOR EVERY GAME

Basketball Volleyball Football Soccer Lacrosse Futsal Team Handball Rugby Tennis Tetherball Badminton Hockey







800-247-7668 www.bisoninc.com