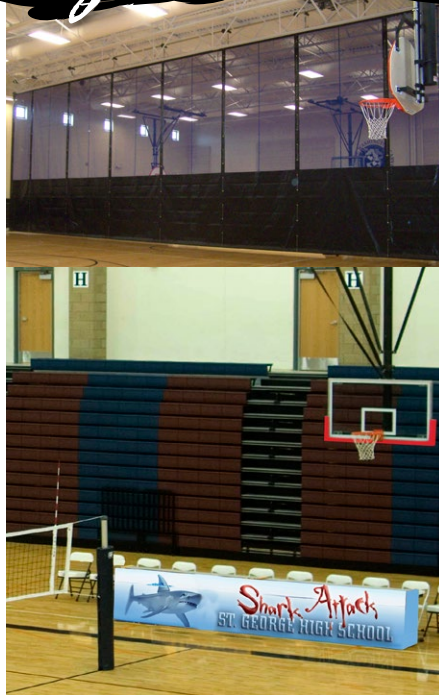
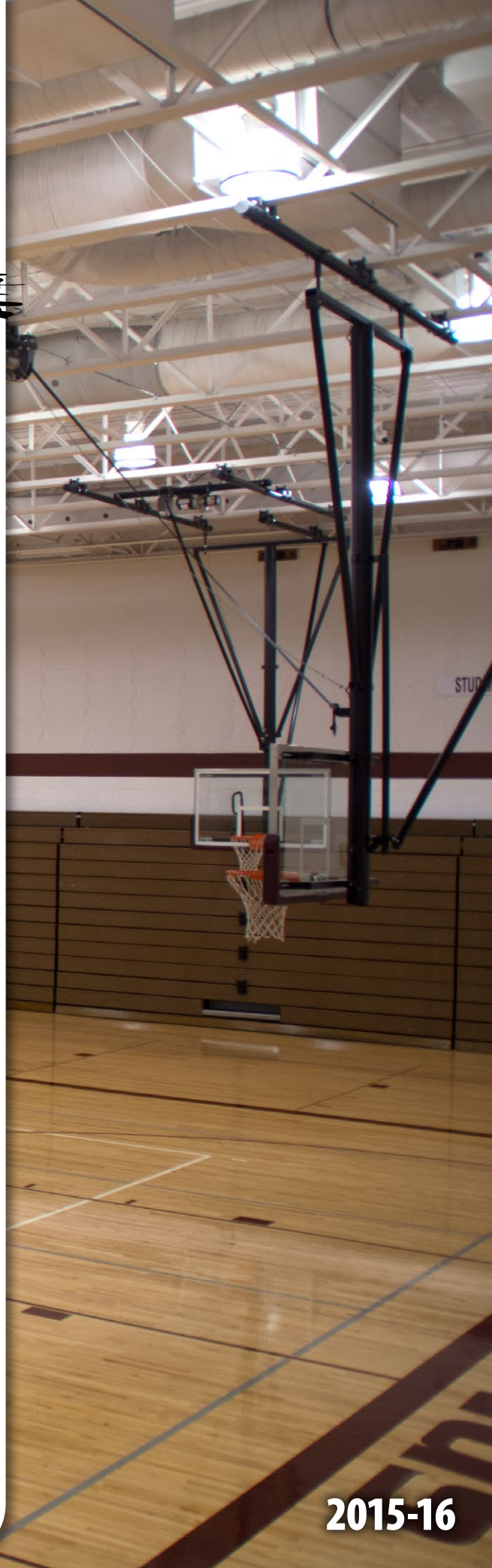


IP

by Bison



www.IPlbyBison.com
800-637-7968



2015-16

WHY IPI?

For over 40 years, IPI has provided quality gym equipment to schools, recreation centers, churches, health clubs, pay-to-play facilities, YMCAs and virtually anywhere that indoor basketball equipment and divider curtains are required. IPI's marketing reach was largely limited to the eastern half of the United States until recently.

In 2012, IPI was acquired by Bison, arguably the industry leader in post-construction, indoor gymnasium and outdoor field sports equipment and while operating as an independent division of Bison, IPI customers now can take advantage of Bison's advanced manufacturing capabilities, extremely broad product line, creative product engineering, central Lincoln, Nebraska, I-80 location and longstanding reputation for quality, customer-centric service, on-time delivery and dedication to creating U.S. jobs by maintaining over 90% of its manufacturing in the U.S.

In addition to access to Bison's full product line, IPI dealers and their customers have access to site furnishings and streetscapes including benches, litter receptacles, sidewalk planters and bike racks through Bison's BRP division and to FIBA approved portable basketball systems from Bison's Schelde North America division.

IPI by Bison is the perfect combination of multiple strong brands and stands ready to satisfy your needs for indoor or outdoor sports equipment for any level of recreational or competitive sport.



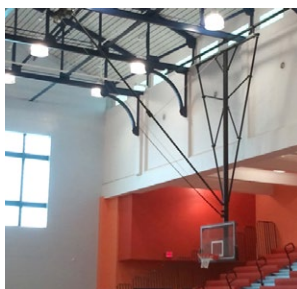
Manufactured and Shipped from
Central U.S. Location



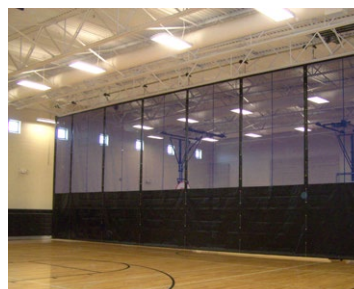
90% In-House U.S.
Manufacturing



Midwest Friendly
Customer Service



Ceiling Suspended Basketball



Divider Curtains



Volleyball



Field Sports



FIBA Approved Schelde Portables



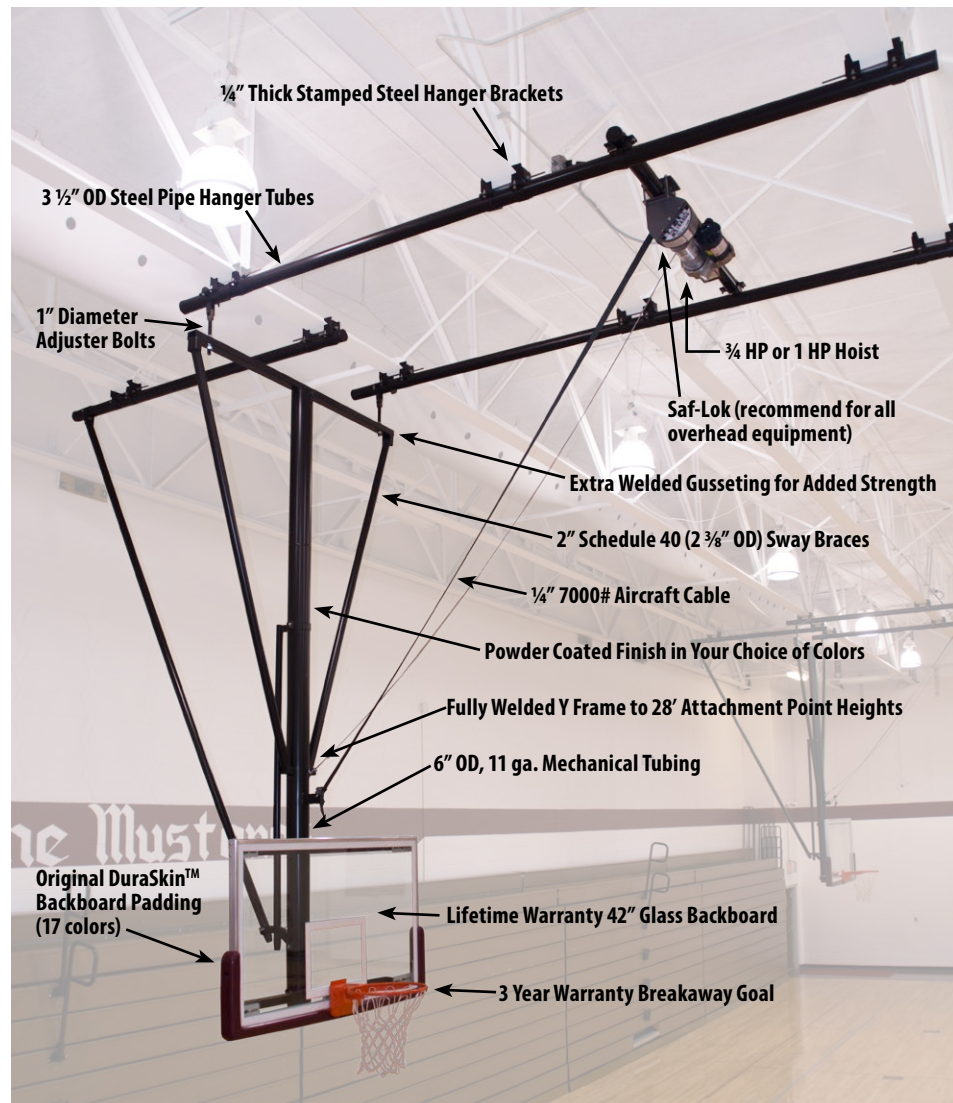
Site Furnishings





Design files, certificates, specifications, and more can be found on our website on our Toolbox page and at CADdetails. Please contact us with any questions or if you need assistance with take-offs, customization, or product recommendations. Color samples for our digitally printed items, solid and mesh vinyl, and powder coating as well as catalogs and architect's resource binders are available at no charge upon request.

Y FRAME FEATURES



Y-Frame Ceiling Mount Structures

With eight optional styles to choose from and attachment point heights up to 36', IPI can provide virtually any sports facility with rigid, safe and easy to operate and maintain basketball systems. All IPI Y-Frame fabricated steel components carry an industry leading limited lifetime warranty and will likely last longer than the gym itself with periodic inspection and maintenance.

All Y-Frame center drop tubes are constructed of 6" OD, 11 ga. mechanical tube which provides 35% more structural steel than 6 5/8", 14 ga. tubing used by some other manufacturers. Diagonal side supports are constructed of 2" schedule 40 structural pipe (2 3/8" OD) and intersects the 6" drop tube no more than 30" above the top of the backboard to insure maximum rigidity. The top horizontal cross member is 2" x 3", 11 ga. rectangular steel tubing. Entire Y-Frame is welded with extra gusseting at critical connecting points on structures when the floor to attachment point heights are under 28'. Heights over 28' bolt together with 1/2" grade 5 hardware and have additional diagonal bracing for added integrity. Our 1" threaded adjustment hanger bolts allow perfect alignment and installation and are safer than 7/8" bolts provided by others.

Y-Frames are suspended by 3 1/2" OD structural steel pipe for spans up to 16' and with 3 1/2" OD and 1 1/2" schedule 40 structural pipe (1 7/8" OD) welded bridge trusses for greater spans.

All steel parts including Y-Frames, hanger brackets and overhead pipes have a polyester powder coated finish available in a wide range of colors including a primer suitable for field painting.

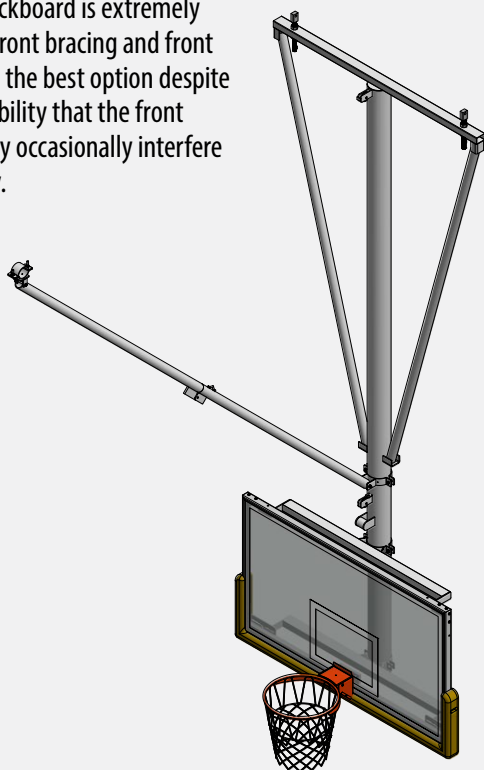
7,000# breaking strength, 1/4" diameter aircraft cables run through 2 1/2" diameter solid steel pulleys to insure safe and reliable electric hoist or manual winch operation.

3/4 HP or 1 HP, 115 volt, single phase hoists can be operated by a wide variety of control devices including traditional 3 position key switch, combination lock tumbler switch, wireless handheld controller, wireless wall mounted control screen or programmable 7" color hardwired control panel. See page 14 for details.

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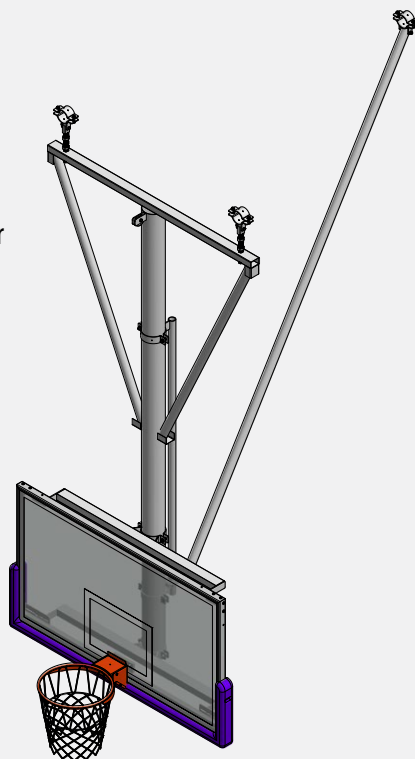
IP1360FF Forward Fold, Front Braced

When the distance from the wall to the backboard is extremely limited, front bracing and front folding is the best option despite the possibility that the front brace may occasionally interfere with play.



IP1350FF Forward Fold, Rear Braced

One of the most common designs. Suitable for gyms where there is limited unobstructed overhead space behind the required backboard position but enough space to allow rear bracing.

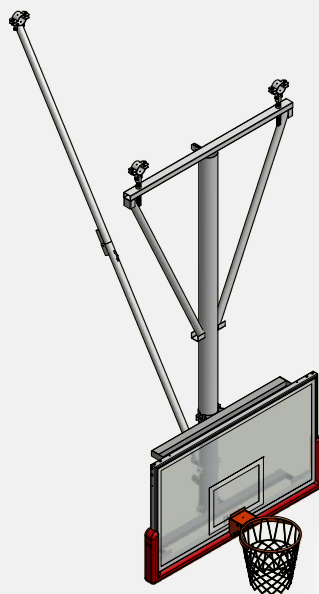


IP1370FF Forward Fold, Offset Y, Front Braced

The offset Y frame design results in greater structural rigidity and allows the front bracing to be closer to the backboard position reducing possible interference during play. Also ideal for attachment heights above 28'. Requires more distance from wall to backboard than IP1360FF.

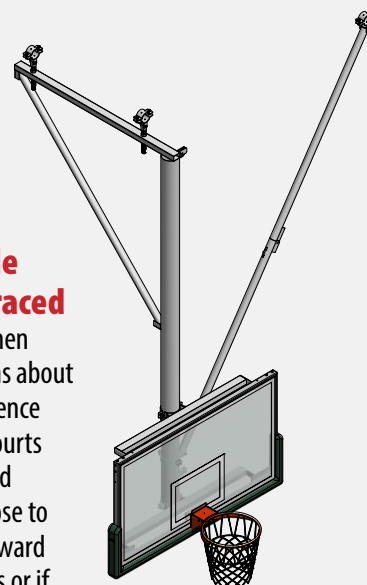


Y FRAME CEILING SUSPENDED GOALS



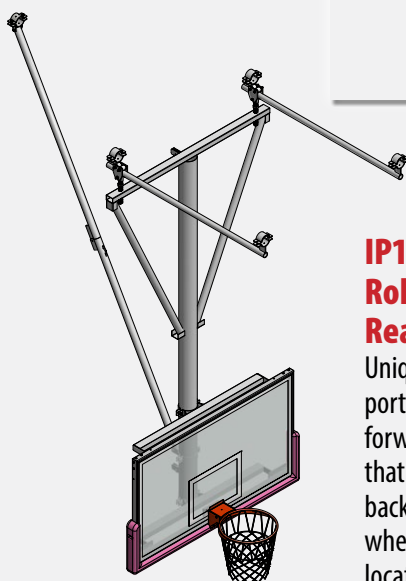
IP1345BF Backward Fold, Rear Braced

The perfect design for gyms where there is significant unobstructed space behind the desired backboard position. No bracing, cables or other structural members are in front of the backboard at any height to negatively impact play.



IP1345SF Side Fold, Side Braced

A good choice when there are concerns about avoiding interference with volleyball courts but the backboard position is too close to the wall for backward folding structures or if ceiling heights are below ideal levels.

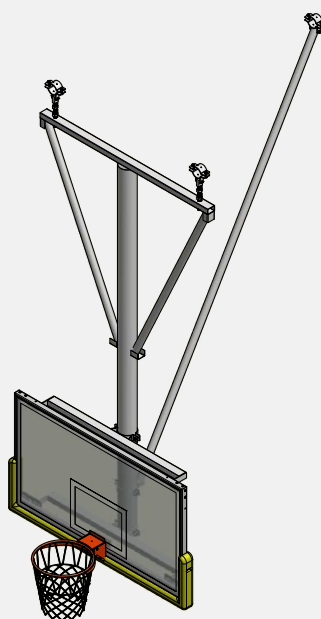


IP1345FRBF Forward Roll, Backward Fold, Rear Braced

Unique design allows the upper portion of the Y Frame to roll forward toward the court so that the backboard can fold backward to the ceiling. Ideal when space behind backboard location is limited.

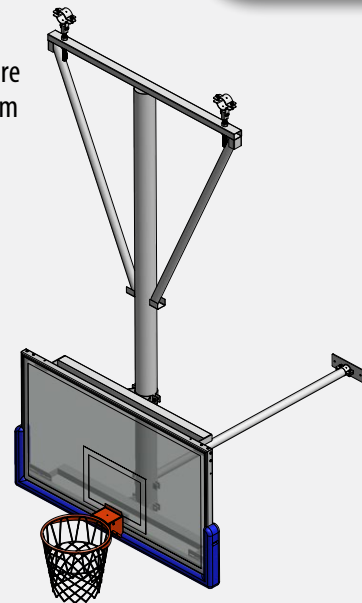
IP1345CS Stationary, Ceiling Braced

Similar stationary structure as IP1345CW above except for use when wall to backboard distance is more than 10' or wall attachment is impossible or undesirable so that either forward or rear bracing is substituted for wall bracing.



IP1345CW Stationary, Wall Braced

When folding structure is not required and backboard is no more than 10' from the wall, this system will provide the most affordable and rigid option available.



IPV4000 SpeedNET™ Ceiling Suspended Volleyball

See page 17 for details on how you can convert your facility from basketball to volleyball or to event space in seconds with no equipment handling, storage or transport.



WALL MOUNTED BASKETBALL GOALS

Custom Wall Mount Structure

Choose from Stationary, Side Fold or Fold Up, each with your choice of backboard, rim and backboard padding found on page 16. Select setback from wall to face of backboard from 4' to 10' (1' to 10' on stationary systems). All structures are constructed of 1 1/2" schedule 40 structural pipe (1.9" diameter) and welded steel brackets and are assembled using 1/2" diameter grade 5 hardware. Additional features include 2" x 8" clear coated, southern yellow pine wall boards, 3/16" proof coil support chains with chain tensioners and a durable powder coated finish in your choice of colors on all steel surfaces. Custom wall mount structure is built to order based on customer supplied gym dimensions and is not returnable. IPI does not provide wall anchors.

IP10WB Stationary

This is the least expensive style of wall mount structure and is perfect for facilities where there is no need to move the backboard and rim to eliminate interference with other activities taking place in the gym. Backboard face can be positioned anywhere from 1' to 10' from the wall.

IP15WSF Side Fold

Manually swing the backboard and rim to the left or right close to the wall when not in use. Includes heavy steel pivots and telescoping crossmembers that lock the unit in the stored or the playing position. Backboard face can be positioned anywhere from 4' to 10' from the wall.



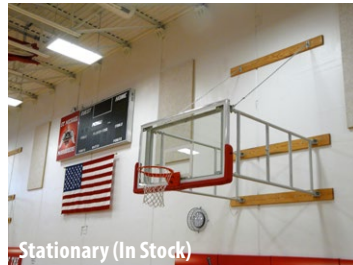
Stationary (Custom)

IP12WF Fold Up

Structure is designed to swing upward by use of a Manual Winch (BA925) or Electric Hoist (BA975). See page 15 for details. Electric Hoist can be operated using a variety of optional control systems found on page 14. Backboard face can be positioned anywhere from 4' to 10' from the wall.

In-Stock Telescoping Wall Mount Structure

No need to guess at the desired distance from the wall to the face of the backboard, to wait on custom structure delivery or to deal with expensive field modifications in cases of measuring errors. Choose Stationary or Side Fold systems with wall to backboard face distance from 4' to 12'. Compatible with either of the 42" x 72" rectangular backboards and any of the rims found on page 16. Structure telescopes at installation prior to being bolted in place in the perfect location. Choose 4' - 6', 6' - 8' or 8' - 12' extension options. All in-stock structures have a silver gray powder coated finish and heavy welded brackets. Additional features include clear coated 2" x 8" southern yellow pine wall boards, 3/16" proof coil support chains and welded 2" extension structural members. Consult with one of our product specialists to select the model that best fits your needs.



Stationary (In Stock)



Side Fold (In Stock)

Miscellaneous Wall Mounted Shooting Stations

A quick and easy way to add a recreational basketball system to any wall. Choose from 10 different options found at IPIbyBison.com.



PKG600



PKG650



PKG500

www.IPIbyBison.com 800-637-7968

Portable basketball systems are a popular choice when ceiling or wall mounted systems are impractical or impossible. All IPI portables are padded for player protection, roll on floor-friendly casters for transport and storage and have enclosed ballast compartments. Choose from our wide variety for international competition to elementary school use and anywhere in between. Call for assistance to select the portable that best fits your program's needs.

Schelde SAM 10

Schelde Sports is a worldwide leader in providing FIBA approved and licensed basketball systems for all levels of play. SAM 10 features a 3.25M (10' 8") safe play area, a patented dynamic sub frame design and counter balance spring technology to make set up and tear down quick, easy and dependable. Meets all FIBA and NCAA rules.

Schelde SAM 8

All the same features as SAM 10 but with a 2.25m (8') safe play area for facilities with limited floor space outside the end lines. Meets NCAA and High School Federation rules.

Bison T-Rex 96

A great balance between competition level features and budget conscience design. T-Rex 96 has a full 8' safe play area and is suitable for aggressive play at all levels where 10' 8" safe play area is not required.

Bison T-Rex 66

Same design as T-Rex 96 above except beam is downsized to provide a 5 1/2' safe play area. The perfect portable for facilities that want a full sized glass backboard and breakaway rim but have limited court and storage space.

Bison T-Rex 54

Many of the same features as the larger T-Rex portables above including a full size competition glass backboard but with a reduced base size and 4.5' safe play area. Great for rec center and side court play.

Bison BA853G

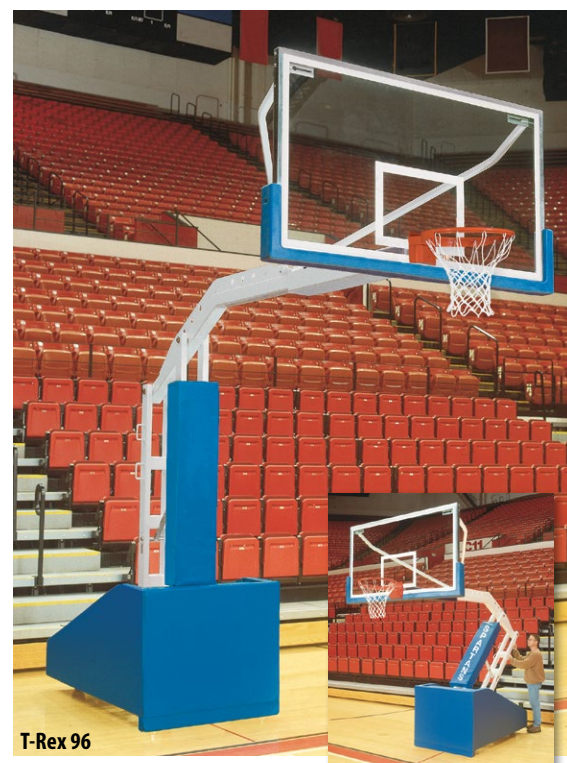
The downsized 54" x 36" tempered glass backboard, pull down lever-activated transport system and infinite rim height adjustability from official 10' to as low as 5' make this a versatile portable for facilities where players of all ages play.

Bison BA833

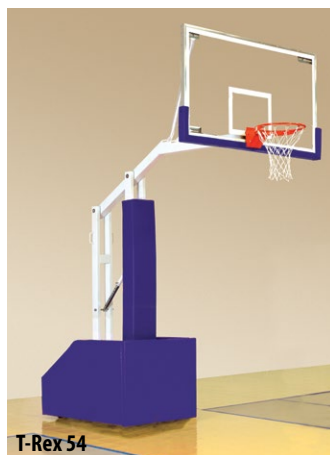
Multipurpose facilities can add basketball programs easily and affordably with this portable system with a 48" x 32" clear acrylic backboard and breakaway rim.



Sam 10



T-Rex 96



T-Rex 54



BA853G



BA833



Design files, certificates, specifications, and more can be found on our website on our Toolbox page and at CADdetails. Please contact us with any questions or if you need assistance with take-offs, customization, or product recommendations. Color samples for our digitally printed items, solid and mesh vinyl, and powder coating as well as catalogs and architect's resource binders are available at no charge upon request.

GOAL HEIGHT ADJUSTERS

IPI Height Adjusters

Official 10' rim height is often discouraging to young players learning the game of basketball. IPI offers a wide range of rim height adjusters that can be designed into new or retrofitted into existing ceiling suspended or wall mounted goals. In all cases, devices allow lowering the rim to anywhere from 10' to 8' easily without sacrificing desired backboard and rim rigidity at the official 10' height. Choose manual height adjusters with a variety of drive options or electric height adjusters that can be operated by any one of the control options found on page 14. No matter what option you choose, you can satisfy the needs of all players with simple, quick and dependable rim height adjustment.

ZipCrank™ Four Corner Mount Manual

Designed to be installed between the backboard and the backboard support structure, these adapters are operated from the floor by means of a $\frac{7}{8}$ " diameter, acme threaded lead screw that is rotated clockwise or counter clockwise to raise or lower the backboard and goal. Each height adjuster is furnished with a hand crank but can also be driven with the BA931 Cordless Winder shown on page 11. The up and down movement is held rigid by means of 1" diameter polished steel tracks on each side of the height adjuster. All moving parts have grease fittings for smooth operation. Other features include easy-to-read height indicator labels, powder coated gray finish and five-year limited warranty. Note: Adding ZipCrank to existing structures will move the face of the backboard $4\frac{1}{4}$ " closer to free throw line or more if your structure requires addition of center strut adapters below. Select the model below that matches up to your existing or new structure. **Five-year limited warranty.**



BA980RS for 42" Short Rectangular Backboards

In most cases if your backboard is 42" tall and 72" wide and mounted to the structure in the upper and lower corners of the backboard, this model will typically bolt directly to backboard and structure without any field drilling. Typical backboard mounting pattern on 42" x 72" glass, steel, wood or fiberglass backboards is 36" top to bottom and approximately 62" (slotted or 2-hole pattern) left to right. Be aware that some 42" x 72" backboards have other hole patterns, most notably, the 20" top to bottom and 35" left to right that is also common on fan shaped backboards. If your backboard is not mounted to the structure in the four corners, see IPB6410/IPB6415 adapters below.

BA980RT for 48" Tall Rectangular Backboards

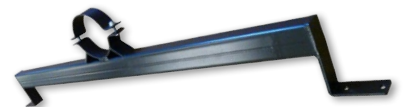
Same basic design as BA980RS above but designed to mount directly to most 48" high and 72" wide backboards that mount to the structure in the backboard corners. Typical mounting pattern is 42" top to bottom and 62" left to right. Be aware that some 48" x 72" backboards have a different mounting pattern. If your backboard is not mounted to the structure in the corners, see IPB6410/IPB6415 adapters below.

BA980F for Fan Shaped and Fan Conversion Backboards

Use this height adjuster for all fan shaped backboards and any rectangular backboards that have a typical fan hole mounting pattern that is 20" top to bottom and 35" left to right (slotted or 2-hole pattern).

IPB6410/IPB6415 Center Strut Adapters

These adapter brackets are required when mounting a ZipCrank Manual Height Adjuster to a ceiling mounted structure that currently mounts the backboard to the 6" or 6 $\frac{5}{8}$ " diameter single center drop tube and not to the corners of the backboard. Specify whether your drop tube is 6" diameter (18.9" circumference) or 6 $\frac{5}{8}$ " diameter (20.8" circumference) and the left to right mounting pattern on the backboard you wish to install. These adapters are sold in pairs and position the face of the backboard approximately 9 $\frac{1}{2}$ " from the forward most surface of the 6" or 6 $\frac{5}{8}$ " drop pipe. Call for help selecting the right adapters.



Note: Our technical sales department can easily help you select the correct height adjuster and required adapters for your existing facility with the help of two or three photos if you wish.

www.IPIbyBison.com 800-637-7968

Center Mount Y-Frame Electric or Manual

IPI Y-Frame height adjusters can be mounted to either 6" diameter (18.9" circumference) or 6 5/8" diameter (20.8" circumference) center drop tubes. Available in either manual operated or electric operated models, each unit makes adjustments from official 10' rim height to 8' rim height quick and easy. Available to adapt to any common backboard size including 42" x 72" or 48" x 72" rectangular or traditional fan shaped.

When raising and lowering, two 1 7/8" galvanized tubular tracks ride in steel guide tubes to provide smooth up and down operation. Easy to read rim height labels insure proper height every time. Specify center drop tube size, backboard type and manual or electric operation at time of order. Two-year limited warranty.

IPHA120YE Electric

Simplify raising and lowering goals with IPI electric height adjusters. This height adjuster has similar features to IPHA120YM below but substitutes a 120 volt UL approved linear actuator for the manual lead screw assembly. Linear actuator has adjustable limit switches to automatically stop the goal at official 10' height and at the bottom goal height of 8'. Each electric height adjuster requires 110 volt power that can be hardwired from the ceiling to allow operation with any of our wide variety of control systems or can be operated with a portable wand that plugs into any 110 volt outlet to eliminate the need to hardwire. See BA980EW below. If ordering for retrofit, specify 6" or 6 5/8" drop tube diameter and backboard type along with desired operator control device (see page 14). **Two-year limited warranty.**

IPHA120YM Manual

The least expensive rim height adjuster. Rim is adjusted by means of a hand crank from the floor. A 7/8" threaded acme lead screw and nut is rotated clockwise to raise goal and counter clockwise to lower. Hand crank is included with each order. If ordering for retrofit, specify 6" or 6 5/8" drop tube diameter and backboard type to insure proper selection. **Two-year limited warranty.**

BA980EW Portable Electric Wand

Allows operation of IPI electric height adjusters without costly hardwiring of each height adjuster actuator. Wand is approximately 5' long with a twist lock, 110 volt connector on the top end and a hand operated key switch on the lower end. Comes with 5' of cord to plug into any 110 volt wall plug or extension cord. One wand will operate as many electric height adjusters as you wish. **Two-year limited warranty.**



BA980EW

Electric

BA931 Cordless Winder

Raise and lower IPI ZipCrank or center mount manual goal height adjusters with this 14.4 volt cordless rechargeable driver. Includes BA935 height adjuster extension rod. Winch will typically raise or lower up to 12 height adjusters with a single charge. Extra batteries are available. **One-year limited warranty.**



BA931

TR86 Youth Mini Goal

Easy Up™ is a great option to reduce goal height to as low as 6 1/2' for youth play without permanently mounting height adjusters that can only lower rim to 8'. Lightweight, easy to install, remove and store. Mounts to any manufacturer's rim without tools in seconds. Moves backboard 2' closer to free throw line. **One-year limited warranty on structure and goal, lifetime limited warranty on backboard.**



TR86

DIVIDER CURTAINS

Divider Curtains Available in Multiple Styles

Divider curtains are designed to separate court areas, increase player safety, reduce multi-court visual and activity interference, buffer noise and help avoid having players of different ages play in the same space. This can be accomplished without negatively impacting sophisticated air handling, heating and cooling systems.

Choose from Fold Up, Roll Up or Top Roll designs that retract electrically to the ceiling when not in use or choose a manual Walk Draw design to allow shower curtain style manual opening and closing.

While fabric curtains can be fabricated in a wide variety of designs to suit your facility needs, a common design includes 8' of solid color, 18 oz. flame retardant and polyester reinforced vinyl on the lower section to provide visual and noise separation and the balance of the height of curtain constructed of VCP woven vinyl encapsulated polyester fabric. The mesh has a minimum 50% open grid to allow proper air circulation. All IPI curtain fabric components are self-extinguishing and tested to UL-214 and NFPA-701. Fabric has additional features to provide excellent UV protection and resistance to mildew, mold and structural deterioration. Actual solid vinyl bottom and mesh top proportions can be customized to meet your facility's needs and preferences.

All hems, seams, pockets, joints and other connection points have minimum 1" wide full contact electronic welds for extended heavy use. Solid fabric and mesh color options are shown on page 13.

Electrically controlled curtains typically use 115 volt, ¾ HP single phase reversible electric hoists but can be upgraded to 1 HP for larger curtains. Motorized curtain hoists feature built-in thermal overload protection, worm gear drive and speed reduction and an upper and lower curtain travel limit switch to make operation fail safe and dependable. Hoist can be controlled by a wide variety of device control option found on page 14. All exposed steel components are galvanized or powder coated and all hardware is grade 5.

IPI has the right divider curtain solution to satisfy any facility's needs, large or small.

IP850 Fold Up Curtains

Fold up curtains are motorized to raise the curtain fabric by means of flexible, high strength aircraft cables that are spaced approximately 9' 3" on center for even, repeatable and dependable raising and lowering. The cables pass vertically through steel grommets in the fabric at 18" intervals resulting in the fabric being stacked near the ceiling in a pleated accordion fashion. A galvanized 1 ½" tube is concealed in a pocket in the bottom of the curtain to insure even hanging just above the floor. Fold Up curtains can be designed for heights up to 40' and for single curtain lengths up to 120'.



Fold Up Curtain

IP880 Roll Up Curtains

In the most cases, Roll Up curtains result in less stack height at the ceiling than Fold Up curtains and are a good option if ceiling height is a concern. Curtain fabric rolls around a 3 ½" diameter lower batten pipe with the assistance of 3" wide black nylon webbing straps spaced vertically no more than 16' apart. Roll Up curtains can be specified up to 36' high and 120' long.



Roll Up Curtain

IP870 Top Roll Curtains

Unlike Roll Up curtains that wind the curtain around a lower roller, Top Roll rolls the fabric around a 4" diameter upper drive pipe resulting in smooth, wrinkle free curtain storage. Top Roll has the smallest ceiling storage space requirement and can be designed for heights up to 36' and single unit lengths up to 100'. With no straps, cables or pulleys, the curtain simply rolls around a single cylinder. The bottom of the curtain hangs straight due to a 1 5/8" diameter pipe fully hidden in a pocket in the curtain bottom.

IP810 Walk Draw Curtains

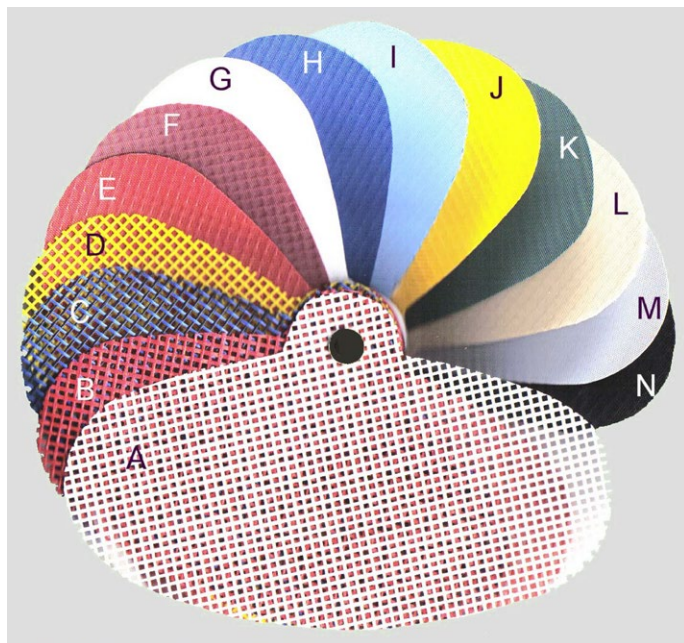
Simple, low cost, dependable operation with no electrical requirements and easy installation are the hallmarks of Walk Draw curtains. Much like a shower curtain or a hand drawn window draping, Walk Draw curtains roll smoothly and quietly on a galvanized 1 3/4" x 2" high steel track, roll formed of heavy 14 ga. steel. 1" diameter nylon ball bearing wheels and chain hanger assemblies are spaced 12" apart horizontally and attach to heavy steel grommets in the curtain.

Depending on facility requirements, curtain can be designed to pull all in one direction or either direction along the curtain length. There is virtually no limit to the length, height or configuration of Walk Draw curtains including around corners. Curtain can be stored up against walls with wall straps provided or bundled with bundling straps anywhere desired.

IP860 Multi Sport Cages

Ideal for baseball, softball, golf, tennis or other sport practice indoors. Provides safety protection from other simultaneous activities in the facility. Typically mesh is 7/8" black polyester square. Cage mesh is suspended from a 1 5/8" galvanized steel pipe frame with cast iron connector fittings. Entire cage assembly is raised and lowered by means of a 3/4" HP, 115 volt single phase reversible winch and can be operated by any of our wide range of control devices found on page 14. Cage width, length and heights are custom designed to meet your facility's needs.

Divider Curtain Solid Color and Mesh Color Options (Call to request samples)



Top Roll



Walk Draw



Multi Sport Cage

Mesh colors:

A - White, B - Red, C - Blue, D - Yellow

Vinyl colors:

E - Red, F - Maroon, G - White, H - Dark Blue, I - Light Blue, J - Yellow, K - Dark Green, L - Beige, M - Gray, N - Black

Not shown, but also available:

Gray mesh, Black mesh, Navy Blue vinyl

GYM EQUIPMENT CONTROL DEVICES

Gym Command™ 7 System

The most sophisticated control system in the industry. The 7" diagonal, high resolution, wide aspect ratio color touch screen with LED backlighting creates a comfortable, easy-to-read control panel in any lighting condition. Software displays highly intuitive images on the screen for foolproof operation. Behind the screen, Gym Command System 7 features powerful 1 megabyte ladder logic memory and has built-in USB and flash drive ports, Ethernet capabilities, expandable I/O and other features not found on other gymnasium control systems. Programming is initially performed at the factory according to customer specifications but can be reprogrammed using a micro SD memory card that plugs directly into the controller. Entire UL rated controller operates on 115 volt AC power and is housed in a durable metal wall mounted enclosure. Gym Command System 7 is made in the USA to ensure future service and replacement compatibility allowing us to offer a **10-year limited warranty**. Gym Command System 7 has all the horsepower that your facility will ever need. This system requires 115 volt field hardwiring from central box to all control devices.



Gym Command II™ System

Control individual fold up backstops, fold up volleyball systems, motorized divider curtains, retractable practice cages and rim height adjusters with this programmable menu driven control system. The transfective LCD display is approximately 2 1/4" diagonal. Programmable to allow individual device control or simultaneous control in groups as desired. Control electronics are housed in a durable enclosure and each installation includes an easy-to-read wall mounted legend plate for dependable and safe operation. This system is hardwired and requires 115 volt field wire runs from a central panel to each device mounted in the ceiling. Made in the USA. **Five-year limited warranty**.



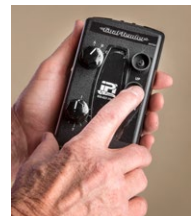
Gym Link™ Wireless System

A perfect high tech option for retrofit or new construction installation, this wireless system reduces the requirement to hardwire the controller to devices you intend to operate. Choose hand held or wall mounted controller or select both for dual operational capabilities. Both send a wireless signal to receivers that are wired to the device motors with no additional control cabling. Hand held is powered by one long life lithium 9 volt battery. The wall mounted controller is mounted in a metal enclosure with a hinged door with 1/4 turn coin lock and operated on 115 volt AC power. Both hand held and wall mounted controllers have a field programmable 4 digit security code to eliminate unwanted use. Gym Link can be programmed to operate individual motorized gym devices including divider curtains, retractable bleachers, fold up basketball and volleyball structure, rim height adjusters and virtually any motorized gym accessory or programmed to operate clusters of devices with a single touch. Signal will reach all desired devices in large, multiple court gym in most cases but a wireless signal booster is available when the wireless signal has interference. **Three-year limited warranty**.



Goal Tender™ Wireless System

Control your basketball backstops, gym divider curtains, multipurpose practice cages or electric rim height adjusters with these low cost hand held wireless transmitters. Each device drive motor is wired with a programmable receiver with a three digit security code. Operates up to 27 different devices with one hand held transmitter. Reduces costly hardwiring of key switches. Good for retrofit application in the field. Call for details.



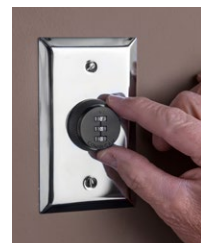
BA975CLKS Keyless Combination Wall Switch

Eliminate the hassle of lost, broken or inconvenient keys on traditional key switch gym control systems. Three digit tumbler allows code to be changed to control unauthorized operation. Use for new construction or to easily replace existing key switches. Includes integrated molded cover plate in single or multiple gang configurations. Single gang only.



BA975KS Key Switch

Traditional key operated switch. Up-Down labeled cover plates available in 1, 2, 3, 4 and 6 gang box options.



BA975 Electric Hoists

IPI hoists are available in $\frac{3}{4}$ HP or 1 HP models. All hoists have 115 volt single phase, instant reversing motors, grooved cast aluminum drums and sealed drive units with precision machined bronze alloy worm gears encased in high lubricity gear lube. Hoists can be wall mounted or inverted and suspended from ceiling structure. Once installed the rotary limit switch is adjustable to control the upper and lower stopping points. Available in multiple configurations to fit your equipment needs. **Two-year limited warranty.**

IPDC975 Electric Hoists for Divider Curtains

Designed specifically for raising and lowering IPI divider curtains. Available in $\frac{3}{4}$ HP or 1 HP models depending on curtain size. 115 volt single phase instant reversing motor. Hoist has features similar to BA975 above.

Two-year limited warranty.



IPDC975



BA975

BA925 Manual Backstop Winch

Most commonly used on Fold Up wall mounted basketball systems but can also be used on some ceiling structures with low attachment points. The grooved cable drum and working gear drive rotate on bearings and is operated by a padlockable hand crank. Entire assembly is pre-mounted to a 2" x 10" wall board for easy wall attachment. Unit has a molded protective cover.

Two-year limited warranty.



BA925

BA930 Portable 115 Volt Manual Winch Driver

This right angle, high torque, reversible $\frac{1}{2}$ HP unit is powerful yet lightweight. Each unit is provided with a drive socket and a PlugHugger locking device to avoid unauthorized use. Not recommended for ceiling backstops over 25'. **One-year limited warranty.**



BA930

BA955 Saf-Lok™ Safety Belt

Saf-Lok is recommended for all Fold Up backstops, all ceiling suspended movable equipment and any wall mounted backstop that is suspended above bleachers. Saf-Lok automatically engages to hold the ceiling or wall suspended structure in any location due to a sudden surge of speed created by cable breakage, hardware failure or other risk. Operates much like an automobile seat belt mechanism where sudden inertia forces the multiple catch levers to stop the downward motion of the protected equipment. The 2" wide high strength polyester strap is rated at 6,000 lb. Always consider Saf-Lok to protect players, fans and equipment. 35' maximum effective strap length.

Ten-year limited warranty.

BA955RP Saf-Lok™ Strap Retracting Pulley Assembly

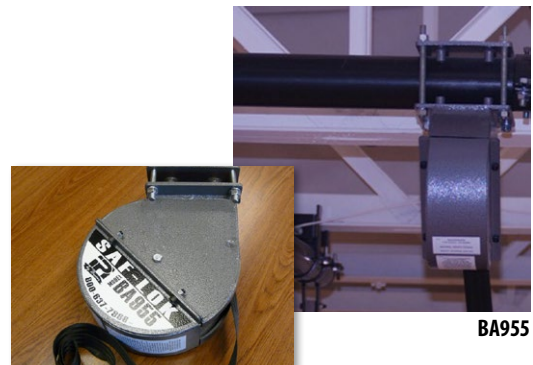
Use on rear braced forward folding backstops to retract the Saf-Lok strap out of the area of play above the rim (not pictured).

IPGTSA Saf-Alarm

Add Saf-Alarm to any 115 volt electric hoist to create an audible alarm when that device is being raised or lowered. Helps avoid possible injury during equipment setup and tear down.

IPDC280 Divider Curtain Safety Lock

For use with any Roll Up, Fold Up or Top Roll divider curtain. Automatically locks when the downward rotation of the curtain drive tube inadvertently exceeds .75 RPM to eliminate risk of failure or excessive curtain lowering speed. **Two-year limited warranty.**



BA955



IPGTSA



IPDC280



Design files, certificates, specifications, and more can be found on our website on our Toolbox page and at CADdetails. Please contact us with any questions or if you need assistance with take-offs, customization, or product recommendations. Color samples for our digitally printed items, solid and mesh vinyl, and powder coating as well as catalogs and architect's resource binders are available at no charge upon request.

BACKBOARD AND RIM OPTIONS

BA42XL Glass

This popular (unbreakable) 42" x 72" glass backboard is perfect for competition courts and integrates an "off glass" goal mounting design that isolates the stress of dunking or hanging on the rim from the ½" tempered glass. This allows us to offer an **unconditional lifetime warranty**.

BA68U DuraSkin®

DuraSkin® is the original premium molded bolt-on backboard padding and meets all NCAA, NF and FIBA rules. Available in Black, Kelly Green, Scarlet, Royal, Orange, Forest Green, Columbia Blue, Maroon, Gold, Gray, Purple, Navy, Vegas Gold, Cardinal, Brown, Burnt Orange and Pink. Bison BA42XL above is predrilled for easy bolt-on mounting. **Ten-year replacement warranty.**

BA455 Fiberglass

42" x 72" Fiberglass Backboard is 1" thick and features 1/8" thick front and rear high gloss gel coated fiberglass skins sealed around a solid wood composite core. The front has a permanently molded-in border and shooter's square and the rear has threaded steel inserts for rigid permanent mounting. **Ten-year limited warranty.**

BA465 Fiberglass

Popular 39" x 54" fan shaped fiberglass version of BA455 backboard above. **Ten-year limited warranty.**

BA495 Steel

Our most affordable gym backboard option. Great for side courts, elementary schools or other facilities where a competition size glass board is not required. 39" x 54" fan shaped, 12 ga. steel skin has heavy rear steel support structure, white powder coated finish and orange shooter's square and border. **Ten-year limited warranty.**

BA35S Breakaway

ProTech™ Breakaway Goal fits all **rectangular** glass and fiberglass backboards above and is supplied with a premium anti-whip net. **Unconditional three-year replacement warranty.**

BA35 Universal Breakaway

ProTech Universal Breakaway Goal fits all **rectangle** and **fan** shaped fiberglass and steel backboards above and is supplied with an anti-whip net. Great replacement goal that fits all manufacturers' front mount backboards. **Unconditional three-year replacement warranty.**

BA3180S 180° Breakaway

Baseline™ 180° breakaway goal is a popular choice for collegiate and high school programs where dunking is common. Baseline flexes to the front like standard breakaway goals but also flexes to the left and the right in a 180° arc, for player and backboard protection from any direction. Fits all **rectangular** backboards above. **Three-year repair or replacement warranty.**

BA27 Fixed

Standard official goal for use in facilities where dunking or hanging on the rim is unlikely and the backboard and player protection of a breakaway goal is not needed. Fits all styles and manufacturers backboards. **One-year limited warranty.**



BA42XL



BA455



BA465



BA495



BA35S



BA35



BA3180S



BA27

IPV4000 SpeedNET™ Ceiling Suspended Volleyball System

Make your entire volleyball net system disappear into the ceiling in as little as 60 seconds with our SpeedNET volleyball system. Convert your gym from volleyball to basketball and back with no need to haul equipment to and from storage or to spend valuable court time to reset net height, net tension or antennae position. SpeedNET also eliminates tangled and dirty nets.

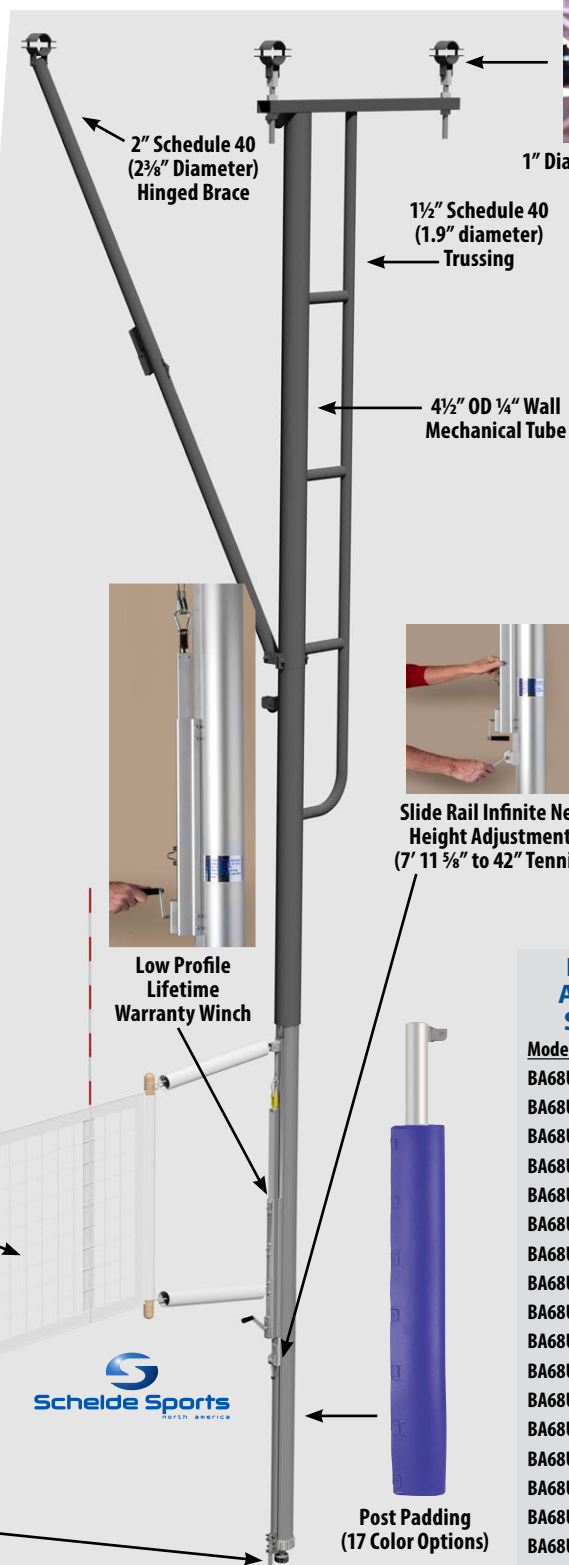
SpeedNET incorporates the proven design of a Schelde Collegiate 4" diameter volleyball system into the industry's most rigid ceiling suspended volleyball structure design. The volleyball posts feature 4" diameter Tectron aluminum extrusions, infinitely variable net height selection from tennis to men's volleyball height, a fully enclosed worm gear drive, low profile winch that is capable of generating up to 500 lb. of net tension with easy-to-operate fold away crank handle. The winch carries a limited lifetime warranty. The bottom of the post is fitted with an adjustable urethane foot and IPI exclusive breakaway floor locator pin assembly to insure net stability and repeatable post location.

IPI has designed the steel support structure using 4 1/2" diameter, 1/4" wall structural steel tubing with a fully welded 16" wide trussing of 1 1/2" schedule 40 pipe (1.9" diameter). Ceiling drops are supported by 3" schedule 40 overhead pipes (3.5" diameter) with bridge trussing on spans in excess of 16'. All hanger brackets are stamped and formed to provide maximum clamp contact surface. IPI structural steel components are larger and thicker than comparable systems from some manufacturers. All steel structure has a polyester powder coated finish in your choice of colors.

Entire SpeedNET system including structure, posts, net, post padding, antennae and cable covers are raised and lowered without disassembly or net adjustment by means of a single 1 HP, 115 volt, single phase hoist that can be operated with any of a wide variety of IPI control systems found on page 14.

It is recommended that all ceiling suspended basketball, volleyball or other sports systems be fitted with BA955 Saf-Lok to reduce risk due to unforeseen cable or other component failure.

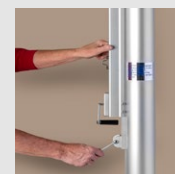
Order VB76 freestanding or IPVB79 integrated official's stand separately (page 19).



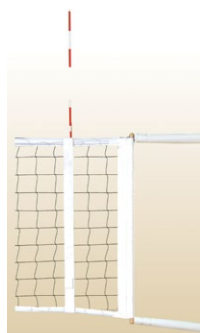
1" Diameter Adjustment Bolt



Low Profile Lifetime Warranty Winch



Slide Rail Infinite Net Height Adjustment (7' 11 5/8" to 42" Tennis)



Competition Net with Antenna and Boundary Marker and Cable Covers



IPI Exclusive Breakaway Foot Locator Pin Assembly with Urethane Tensioner



Post Padding Available in 17 School Colors

Model Number Color

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



Design files, certificates, specifications, and more can be found on our website on our Toolbox page and at CADdetails. Please contact us with any questions or if you need assistance with take-offs, customization, or product recommendations. Color samples for our digitally printed items, solid and mesh vinyl, and powder coating as well as catalogs and architect's resource binders are available at no charge upon request.

VOLLEYBALL

Volleyball Systems



All volleyball systems below are sold as complete systems including standards, competition Kevlar rope nets, net tensioning winches, antennae, post or base padding and net height gauges. Order floor sockets separately. Three-post, two court systems also available. Choose the system that is right for your program and your budget.

VB1000NS Centerline® Aluminum

Centerline Aluminum is our most popular selling competitive volleyball system for college and high school facilities and is often the choice of other facilities who desire the advantage of lightweight aluminum systems without sacrificing the rigidity, net tension and telescoping features found on heavier steel systems. Net can be set at any height from junior's to men's. Sold in complete systems including 3" diameter standards, net tensioning devices, Kevlar net, post padding and antennae with adjustable foot pads. **Lifetime limited warranty on standards and net winch.**

VB7777NS Centerline® Carbon Hybrid

Centerline Carbon Hybrid has all the features of our Centerline Aluminum system above but with the additional feature of an aerospace carbon fiber 3" lower pole to further reduce pole weight. **Lifetime limited warranty on standards and net winch.**

VB7000NS CarbonMax®

CarbonMax has all the features of our VB7777 Carbon Hybrid System plus the added feature of convenient internal winch net height adjustment making net height fine tuning quick, easy and precise. **Lifetime limited warranty on standards and net winch.**

VB6000NS Match Point™ Aluminum

Match Point is the perfect solution when your need calls for a 3 1/2" diameter lightweight, low cost, easy to set up system for all levels of play. Match Point allows infinite net height adjustment from 42" tennis height through 96" men's volleyball. Includes many of the premium features found in our Centerline Systems.

Ten-year limited warranty on standards and net winch.

VB4000 Centerline Magic™

Centerline Magic eliminates the need to transport standards to and from the gym for setup. The aircraft alloy telescoping aluminum poles disappear into the 32" deep floor wells when not in use. Sets up in minutes with quick-attach net components that are stored in a zippered transport bag. Complete system includes all features found on other Centerline Systems. **Five-year limited warranty on standards and lifetime warranty on net winch.**

VB8100JR Arena™ JR Portable

Arena JR is the best system available in the industry when your facility either does not have or is not conducive to floor excavation for typical floor sockets. The system is totally free standing and comes loaded with all necessary enclosed ballast to insure excellent net tensioning with no floor or wall attachment points. Includes fully padded base and pole system that is easily transportable with the transport dolly provided.



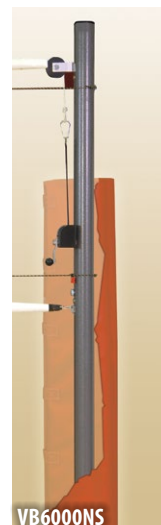
VB1000NS



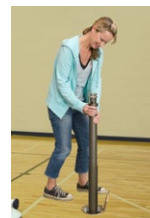
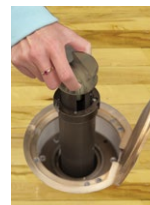
VB7777NS



VB7000NS



VB6000NS



VB4000



VB8100JR



BOLTS BO

VB73 Clamp-On Official Platform

A popular choice that provides a stable platform with minimal player or visual interference. Compatible with any IPI volleyball standard. Standard padding color is gray to match powder coated finish. Padding also available in Black, Maroon, Navy, Royal or Scarlet at an additional cost.

Five-year limited warranty.

VB76 Freestanding Folding Officials Platform

Folds flat for transport and storage. Gray padding coordinates with platform finish. **One-year limited warranty.**

IPVB79 Integrated SpeedNET™

Official's Platform (not shown)

Call for details on an official's stand that connects to SpeedNET structure and lifts into the ceiling along with complete SpeedNET system.



VB73



VB76

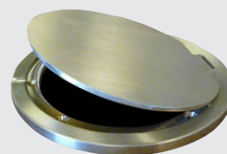


Volleyball Floor Sockets and Floor Plates

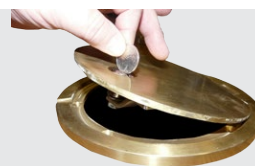
Order sockets and floor plates individually for volleyball systems. Choose 3", 3 1/2" or 4" extruded aluminum sockets. Then choose hinged brass, lockable hinged brass, machined aluminum or chrome plated swivel style floor plate. Order one for each pole.



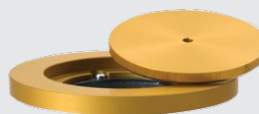
Aluminum Floor Socket



Hinged Brass



Lockable Hinged Brass



Machined Aluminum



Chrome Plated Swivel

BM10 Badminton System

Competition Badminton System features 1 1/4" square aluminum standards compatible with BM23 socket and floor plates (order separately). Comes complete with competition net. **Two-year limited warranty.**

TN10 Tennis System

Competition Tennis System has a 3" diameter, heavy wall extruded aluminum post with internal net cable tensioning system. Includes posts, net and center court hold down strap. Install indoors or outdoors. Direct bury in concrete or install in VB23 Hinged Brass Floor sockets (order separately) for easy removal when not in use.

Two-year limited warranty.



BM10



TN10



Design files, certificates, specifications, and more can be found on our website on our Toolbox page and at CADdetails. Please contact us with any questions or if you need assistance with take-offs, customization, or product recommendations. Color samples for our digitally printed items, solid and mesh vinyl, and powder coating as well as catalogs and architect's resource binders are available at no charge upon request.

GYM PROTECTIVE PADDING

IPI can provide a wide range of gym protective padding and outdoor stadium padding to match virtually any specifications. Indoor or outdoor padding is available in 18 solid vinyl colors, photo-quality digitally printed graphic design or one- or two-color lettered vinyl. Common panel sizes include 2' x 6', 2' x 7' and 2' x 8' but can be custom built any size or shape in a wide range of wall and fence mounting styles. Columns, stages, doors, cutouts and virtually any obstruction can all be covered for player protection. Choose from a variety of fire retardant, fireproof, mildew resistant, UV resistant and foam density and thickness options. Call for details.

Indoor Graphic Wall Padding

Let our graphic design staff work with your team to create the perfect custom graphics to enhance your facility and help build team spirit. There is no limit to the range of colors that can be printed with our high tech digital printers. All printed graphics have a thick, clear liquid laminated coating over the printing to create and maintain a sharp clear image. In most cases, the design work done by our art team is free.



Graphic

Indoor Lettered Wall Padding

Start with any one of our 18 solid vinyl colors and add one- or two-color lettering selecting from our available lettering inks. Inks are designed to etch the vinyl to improve adhesion and create a bright, long lasting image. Work with our graphic design team to determine a lettering layout that is compatible with the size of padding that you need. We will also help you select the other wall padding specifications appropriate for your facility.



Lettered

Indoor Solid Color Vinyl Padding

Choose any single color or mix multiple panel colors on a single installation. With 17 colors to choose from, you have a wide range of options but solid color padding can also be used in conjunction with graphic or lettered padding to fit your facility needs and budget. Solid color padding is often the choice when there is a large number of cutouts, custom sizes, doors, columns or other obstructions that might make graphic or lettered padding a challenge. As with other padding styles, our staff will help you select the appropriate specifications to meet your facility's needs and local codes.



Solid



Custom Solid



Stadium, Ball Park and Field Sports Padding

Virtually any outdoor surface that could come in contact with players can be padded including walls, fences, dugouts, poles and columns. IPI standard outdoor flat surface wall padding is constructed of 3/4" FDN CCA treated southern yellow pine plywood with 3" anti-microbial urethane foam attached with moisture proof adhesive. Solid color and lettered styles are covered with 30 oz. flame, mildew and UV resistant vinyl. Outdoor graphic printed padding is covered with 14 oz. flame, mildew and UV resistant vinyl with a clear, non-yellowing protective liquid laminate protective coating. Vinyl has multiple moisture weep holes and uses 100% stainless steel assembly staples and fasteners. Select flange style, Z-channel, chain link or other attachment styles appropriate for your project.

Solid Color Vinyl Options (18 options)



Custom Padding Options

Post/Beam/Column Wraps



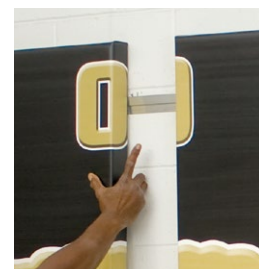
Custom Wall/Door Padding



Stage or Bleacher Edge Padding



Hidden "Z" Track Mounting System (WPZ)



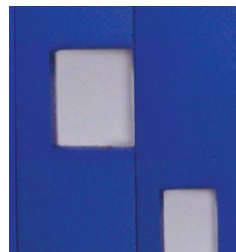
Standard Flange Style Mounting System



Special Chain Link Mounting System (WPC)



Custom Cutouts (WP25)



7" Sq. Outlet and Light Switch Cutouts (Factory or Field Installed)



Design files, certificates, specifications, and more can be found on our website on our Toolbox page and at CADdetails. Please contact us with any questions or if you need assistance with take-offs, customization, or product recommendations. Color samples for our digitally printed items, solid and mesh vinyl, and powder coating as well as catalogs and architect's resource binders are available at no charge upon request.

SCORING TABLES/ TEAM CHAIRS

Your gym project isn't complete without scoring tables and team chairs. Our graphic design staff can work with you to coordinate the colors or graphic design of your protective wall padding with our full color graphic scoring tables, and two-color logo team chairs, scorer's chairs and timeout stools.

Convertible™ Padded Table

This table comfortably seats four (4) scorekeepers/statisticians and features 2" thick fully padded face and end panels. Available in 12', 8' or 4' lengths, all with incredible full color digital printed image capabilities. The 16" deep table top folds in seconds for transport and storage and has convenient cup holders. Each order comes with a LED possession arrow and integrated 115 volt power strip. Table is designed to be used on the gym floor with chairs but can also be used up in the bleachers using a customer supplied field constructed wood platform. Call for details.



Convertible Padded

Convertible Illuminated Table

Same basic design as our convertible padded table above but the front panel is backlit with florescent lighting to increase brightness. Same work space, transport and storage features as above. Available in 8' or 4' lengths.



Convertible Illuminated

Space Saver™ Padded Table

If gym floor space is at a premium, order our Space Saver table that has the same features as our convertible tables but is taller to allow it to be rolled up against the bleachers with scoring officials sitting in the second row of the bleachers. Available in 8' or 4' lengths.



Space Saver

STC500S Sideline Chair

These team sideline chairs carry a five-year limited warranty and can be ordered in a wide range of seat, seat back and chair frame color options. Logos can be added to the back, seat bottoms and seat fronts in two color ink combinations. Work with our graphic design staff to develop appropriate graphic and color combinations. Minimum four chairs.

STC300S Timeout Stool

These timeout stools are available in a wide range of frame and vinyl seat color options. The seat can be printed in any two-color combination. Minimum six stools.

Two-year warranty.

STC100 Chair Back Cover

Change color, logo or lettering on existing chair backs with these full color printed pull over vinyl chair back covers. Minimum 12 covers.

STC036 (not shown)

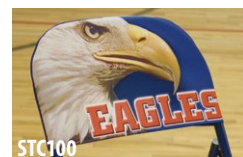
Store and transport up to 36 STC500S team chairs on a dolly with floor friendly casters.



STC500S



STC300S



STC100



In an attempt to be your one source gym equipment supplier, IPI now offers LED scoreboards, shot clocks and backboard alert systems.

SC2000 Scoreboard

This 60" high x 156" long wall mounted scoreboard features bright 12" high score and time digits. It is designed primarily for basketball but can be used to score volleyball if desired. Includes a 60" high x 48" wide sponsor or team logo panel that can be printed with any full color graphic design at no extra cost. **Five-year limited warranty.**



SC1000 Scoreboard

Same basic features as SC2000 above but in a more compact 35" high x 144" long size with 35" high x 36" wide sponsor/logo panel. **Five year limited warranty.**



SC450 Shot Clocks

12" high red digits in a 27" high x 24" wide aluminum cabinet. Suitable for backboard or wall mounting. Can be used stand alone or integrated to your scoreboard. Call for interface and mounting details. **Five-year limited warranty.**

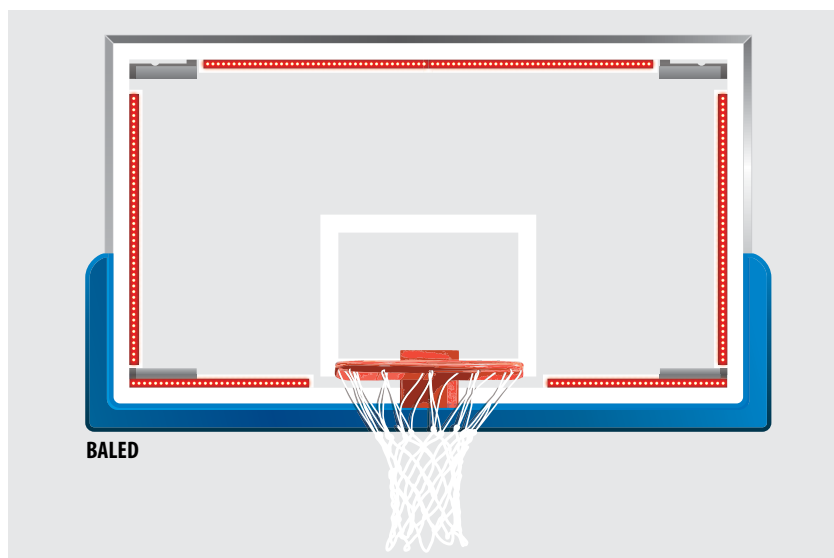


SC500 Possession Arrow

Thin space saving 120 volt LED possession arrow is 6" high and 20" wide. **One-year limited warranty.**

BALED Correct Call Alert System

Correct Call™ LED Backboard Alert System integrates to virtually any manufacturer's scoreboard and provides instantaneous shot clock or end of period visual signal. Can be used with virtually any manufacturer's 48" or 42" high glass backboard. Consult our staff to confirm your backboard compatibility. Easily mounts to rear of glass with high tack adhesive tape without drilling or hardware. **Five-year limited warranty.**



Electronic Control Options

To control scoreboards, shot clocks and backboard alert systems, consult our electronic sales specialist to select from our hardwired console, remote wireless or other electronic control options.



Design files, certificates, specifications, and more can be found on our website on our Toolbox page and at CADdetails. Please contact us with any questions or if you need assistance with take-offs, customization, or product recommendations. Color samples for our digitally printed items, solid and mesh vinyl, and powder coating as well as catalogs and architect's resource binders are available at no charge upon request.

SOCCER GOALS

Our soccer goals are available in a wide range of sizes and combinations of features. All soccer goal openings are constructed of 6061-T6 aluminum extrusions with a durable extra thick white textured powder coated finish. Select No-Tip™ portable or in-ground semi-permanent models. Sizes include official 24' (W) x 8' (H), 21' (W) x 7' (H), 18 1/2' (W) x 6 1/2' (H), 12' (W) x 6 1/2' (H) and 9' (W) x 4 1/2' (H).



The aluminum extrusions that form the goal openings are available in 4" round or 2" x 4" rectangular and 4" square with large corner radii for player safety in most popular sizes and styles. All soccer goals carry an eight-year limited warranty.



4" Round

4" Square

2" x 4"

No-Tip™ Portable Soccer Goals

Portable soccer goals are often prone to tip over during transport or when players try to hang from the crossbar. Our No-Tip design features two rear ballast drums that, when filled with sand, not only provide tip over protection to meet ASTM F2056 safety standards but also act as wide-track transport wheels to move goals when desired. No-Tip is an exclusive feature not found on any other manufacturer's goals and is available on all 24', 21' and 18 1/2' wide portable goals. With No-Tip goals tip over safety is always assured without loose ballast weights or undependable hold down anchors. Nets are included in some but not all soccer goal packages.



Semi-Permanent In-Ground Goals

Available in five sizes, these goals feature 4" square aluminum extrusion uprights and crossbars with a white powder coated finish and are designed for direct ground bury in 30" deep footings or order optional SC44S ground sleeves for removable installation. Optional European backstay supports are available. Order nets separately.



Soccer Upright Safety Padding

IPI offers both rigid molded DuraSkin and vinyl covered foam protective padding for 4" round, 4" square and 2" x 4" rectangular soccer goal uprights. Call for details.



A PART OF atkore

Gooseneck Football Goal Posts

Steel gooseneck and crossbar design with aircraft alloy aluminum uprights are available in a wide variety of sizes and colors. Choose collegiate, high school or expandable combination width goals with white or safety yellow powder coated finish. 5 5/8" diameter gooseneck poles are available in either 6' or 8' setback. 4 1/2" diameter gooseneck poles have 5' setback. All IPI football goal posts are designed for 48" direct ground bury but optional ground sleeves are available. **Five-year limited warranty.** Order FBCPP Goal Post Padding, FBWDS Wind Direction Streamers and FB04EM Weighted Goal Line Markers separately.

FBRUGBY

Same design features as FB35-GV below except designed to meet official rugby rules for upright width and height. **Five-year limited warranty.**



FB35-GV

These low cost galvanized steel H-style goalposts are perfect for practice fields, youth football or programs on a tight budget. Can be installed at college or high school width in 36" deep footings. Features 3 1/2" heavy wall uprights that extend 10' above the 3 1/2" heavy wall crossbar. **Five-year limited warranty.**



FBCPP

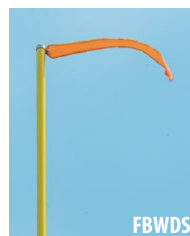
5" thick high density foam covered with vinyl in your choice of 17 school colors. Can be lettered or logoed for a custom look.

FBWDS

Set of four orange wind direction streamers for top of goal post uprights. Includes mounting hardware for IPI gooseneck goal posts.

FB04EM

Set of four orange weighted goal line markers.



Design files, certificates, specifications, and more can be found on our website on our Toolbox page and at CADdetails. Please contact us with any questions or if you need assistance with take-offs, customization, or product recommendations. Color samples for our digitally printed items, solid and mesh vinyl, and powder coating as well as catalogs and architect's resource binders are available at no charge upon request.

MISCELLANEOUS TEAM GOALS & NETS

SCFUTSAL Futsal Goals

Official 2 meter (6' 7") x 3 meter (9' 10") goal opening constructed of 8cm (3") square aluminum tubing face and 1 1/2" square aluminum backstays. Features QwikTrack™ net attachment system, rubber floor protectors, weight ballast bags and competition nets. **Two-year limited goal warranty.**



QwikTrack



SCFUTSAL

SCTEAMHB Team Handball Goals

Same size and design features as Futsal goals above but with official team handball markings on the front crossbar and uprights. Includes nets. **Two-year limited goal warranty.**



SCTEAMHB

FH200 Field Hockey Goals

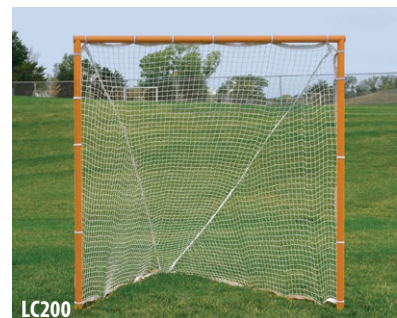
All aluminum design goals with white powder coated finish and black UHMW kick boards. Meets all USFHA and NF rules. Includes nets and QwikTrack™ net attachment systems. **Two-year limited goal warranty.**



FH200

LC200 Steel Lacrosse Goals

Meets all NCAA and NF rules for competition play. Welded steel 6' (h) x 6' (w) x 7' (d) goals have orange powder coated finish. Includes net, net attachment lacing and ground anchors. **Two-year limited goal warranty.**



LC200

HK500 Ice Hockey Goals

Full welded steel official size goal has 72" (w) x 48" (h) x 34" (d) opening. Red powder coated finish. Includes 6mm nets, net attachment laces and full cushion set. Order urethane break away locator rods separately. **Five-year limited goal warranty.**



HK500



GOOSENECK SYSTEMS

Available in 3 sizes, all with rustproof cast aluminum 35 1/2" x 54" limited lifetime warranty fan shaped backboard with white powder coated finish and orange border and shooter's square. Board is supported by two heavy tubular rear braces. Order pole padding separately.



• PR75 Mega-Duty Package

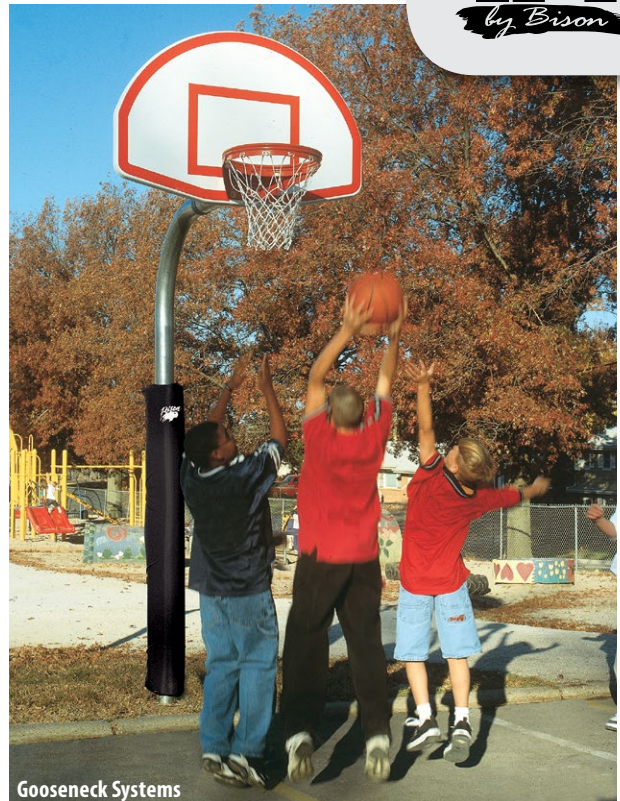
Features 5 1/2" galvanized post with 6' safe play area, 48" ground bury and lifetime warranty double rim goal. **Limited lifetime pole warranty.**

• PR52 Heavy-Duty Package

Features 4 1/2" galvanized post with 4' safe play area, 48" ground bury and lifetime warranty double rim goal. **25-year limited pole warranty.**

• PR29 Tough-Duty Package

Features 3 1/2" galvanized post with 3' safe play area, 36" ground bury and heavy-duty outdoor goal. **10-year limited pole warranty.**



Gooseneck Systems

BA871 Ultimate™ Steel System

Entire system is covered by a **lifetime limited functional warranty**. The heavy 6" square, 3/16" wall pole and extension arm are super rigid and provide 60" of safe play area. Pole, extension arm, 42" x 60" steel backboard and double rim have a durable black powder coated finish. 40" ground bury. Order pole padding separately.

BA873U Ultimate™ Clear Polycarbonate System

Same 6" square pole system as BA871 but includes an official size 42" x 72" clear unbreakable 1/2" thick polycarbonate backboard and outdoor breakaway goal. Order pole and backboard padding separately. **Lifetime limited functional warranty.**

PR98U Ultimate™ Adjustable System

The rim height is adjustable from 7 1/2' to 10' with a convenient removable hand crank. 6" pole is designed for 40" ground bury. Rigid extension arm provides 50" of safe play area at 10' rim height. Backboard is official 42" x 72" size and is constructed of clear 1/2" thick unbreakable polycarbonate with an aluminum frame. All steel components have a durable black powder coated finish. Order pole and backboard padding separately. Entire system including double rim breakaway carries a **lifetime limited functional warranty**.

PR99 Twin Post Official Glass System

Full size tempered glass backboard with breakaway rim make this system the closest thing to indoor court play. The double 5 1/2" galvanized posts provide superior rigidity to the backboard and 6' of safe play area. Backboard is designed to eliminate all glass stress from contact with the rim and allows a **lifetime limited warranty**. Order post and backboard padding separately.

Double Sided Systems

All 6" square post systems shown above are available double sided for efficient space utilization on multi court layouts.



Double Sided System



BA871



BA873U



PR98U



PR99



Design files, certificates, specifications, and more can be found on our website on our Toolbox page and at CADdetails. Please contact us with any questions or if you need assistance with take-offs, customization, or product recommendations. Color samples for our digitally printed items, solid and mesh vinyl, and powder coating as well as catalogs and architect's resource binders are available at no charge upon request.

BLEACHERS

Indoor Easy Store™ Bleachers

Choose 2, 3 or 4 tier models in 7 1/2', 15' or 21' lengths. Frames are available in galvanized steel or aluminum. Seat and foot planks are 2" x 10" aluminum extrusions with molded end caps. Seat planks have a clear anodized finish. When in use, bleachers rest on urethane floor protectors and, when tipped to store or transport, roll on floor friendly casters. **Five-year limited warranty.**



Outdoor Weatherbeater™ Bleachers

Same lengths and 2, 3 or 4 tier options and frame and seat materials as Indoor Easy Store bleachers above but include recycled plastic ground runners instead of wheels and urethane floor protectors. Weatherbeater bleachers are also available in a child-safe configuration with double foot planks and heel kick plates. Call for details. **Five-year limited warranty.**



Standard



Child Safe

Build Your Own Bleachers Kit

Let us provide the structure and the hardware and you provide the 16' long, 2" x 10" wood for seat and foot planks. Save up to 30%. Galvanized steel structures available in 3 or 4 tier outdoor models only.



The bleachers shown on this page meet some but not all codes established for bleachers by various city, state or federal agencies or other entities. IPI assumes no responsibility for customer selection of bleachers that do not meet local codes for guard rails, kick boards, height restrictions or other standards.

Standard Player Benches

Choose benches with or without backs in 7 ½', 15' or 21' lengths. Support structures are available in silver/gray powder coated steel or rust proof aluminum and are 100% welded. Select freestanding portable or permanent direct bury design. Portable benches include urethane feet to protect floors and avoid outdoor wet turf. All seat and back planks are 2" x 10" aluminum extrusions with a clear anodized finish and molded end caps. **Five-year limited warranty.**



Freestanding
Portable with Back



Direct Bury, Backless

BNP1500XL Big B Portable Player Bench

Designed primarily for football team use, these 15' benches feature double aluminum plank seats, back support and shelf planks in your choice of clear anodized or colors shown below. The steel support structures have a silver/gray, white or black powder coated finish and rest on urethane pads to protect the structure from wet turf. **Limited lifetime warranty.**



BNP0401BC 4' Colored Portable Player Bench

Available in a wide variety of leg, seat and backrest colors. These benches are 100% aluminum. Urethane foot pads protect floors and provide additional skid proof stability. **Five-year limited warranty.**



Powder Coated Aluminum Planks

Show your school colors on 7 ½', 15' and 21' benches or bleachers. Simply substitute your choice of navy, scarlet, black, white, forest green or royal 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. Orders of 25 or more planks can be powder coated in a wider variety of colors (allow six weeks).



Design files, certificates, specifications, and more can be found on our website on our Toolbox page and at CADdetails. Please contact us with any questions or if you need assistance with take-offs, customization, or product recommendations. Color samples for our digitally printed items, solid and mesh vinyl, and powder coating as well as catalogs and architect's resource binders are available at no charge upon request.

SITE FURNISHINGS

OUTDOOR BENCHES



Benches are available in a wide variety of styles, colors and lengths. All options include fully welded steel structures with a polyester over epoxy, two coat finish for superior durability. Choose the style, size and color from the options below. On 72" and 96" length benches, a center arm rest is available for no additional cost on request. Call for pricing and specifications.

Private Collection

Personalize your benches with lettering, logos or other designs by working with our art department. Logos are CNC laser cut into the bench making each truly one of a kind. Choose from 48" or 72" lengths. 72" in Pewter shown.



Private Collection

Ashebrooke Collection

Characterized by horizontal 3/16" thick steel slats and solid steel ends, Ashebrooke is one of the most traditional looks for parks, plazas and downtown sidewalks. Choose from 48", 72" or 96" lengths. 72" in Hunter shown.



Ashebrooke

Manchester Collection

Manchester benches feature popular traditional decorative cast iron ends with vertical 1/4" thick slats. Choose from 48", 72" or 96" lengths. 72" in Raven shown.

Manchester Memorial

This 72" arch backed bench is from the Manchester Collection and features an 8 3/4" x 3" pocket for a cast plaque honoring a donor, celebration, event or memorializing a colleague or any message. Features include decorative cast ends and 1/4" x 1 1/2" heavy-duty, fully welded vertical slat design. Order memorial plaque separately. Shown in Pewter.



Manchester

Youth Bench

Scaled down version of our Private Collection benches are available in 48" length and are perfect for zoos, parks, playgrounds or other places where kids play. Seats 2-3 comfortably. Choose from our popular Lollipop colors (Cherry, Orange, Lemon, Lime and Grape) or any of our standard site furnishing colors below. Shown in Cherry.



Manchester Memorial

Other Site Furnishing Options

Our full lineup of benches, litter and recycling containers and bike racks is available at www.brpbison.com. BRP by bison is an affiliate of IPI by Bison.



Youth Bench



LITTER, RECYCLING, PLANTERS AND ASH RECEPTACLES

Multiple options are available to match the style and color of your selected benches to other site furnishings that will enhance your project. All litter receptacles are available in flat top, dome top or ash top designs. Recycling receptacles, planters and ash receptacles are also available. Consult one of our site furnishing sales specialists or visit us at www.brpbison.com for details.



PC401-FT Litter



PC450-FT Recycling



MC402-FT Litter



MC501 Ash



AH401-DT Litter



MC601 Planter



PC050 Litter



AH601 Planter

BIKE RACKS

From traditional Wave, Flip Up and Bollard styles to more unique options like our High Wheeler, all bike racks are built for extended functional and aesthetic life. All are available in our polyester over epoxy, two-coat powder coated finish. Some are available with hot dip galvanized finish.



Wave

This traditional design can be ordered in sizes from 5 to 13 bike capacity and is constructed of heavy wall 2 3/8" pipe size tubing. Can be ordered for direct bury into concrete footing or for surface mounting to existing flat concrete.



Wave



Flip Up

Flip Up

A common sight almost anywhere bikes are parked. Single inverted U-shaped design constructed of heavy 2 3/8" pipe size tubing. Can be used individually or positioned in any pod type layout. Each is designed to hold two bikes but often accommodates more. Flip Up can be ordered for direct bury or for surface mount.

Bollard

These space saving bike racks can also double as traffic restriction barriers and come in surface mount, direct bury or removable socket styles. 4 1/2" OD bollards are available in two or three loop styles or can be ordered without loops.



Bollard



HighWheeler

HighWheeler

These unique bike racks will enhance any landscape. Choose from 2, 5 or 10 bike capacity. Each is constructed of heavy wall tubing, fully welded for durability and designed to be surface mounted.



Design files, certificates, specifications, and more can be found on our website on our Toolbox page and at CADdetails. Please contact us with any questions or if you need assistance with take-offs, customization, or product recommendations. Color samples for our digitally printed items, solid and mesh vinyl, and powder coating as well as catalogs and architect's resource binders are available at no charge upon request.



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