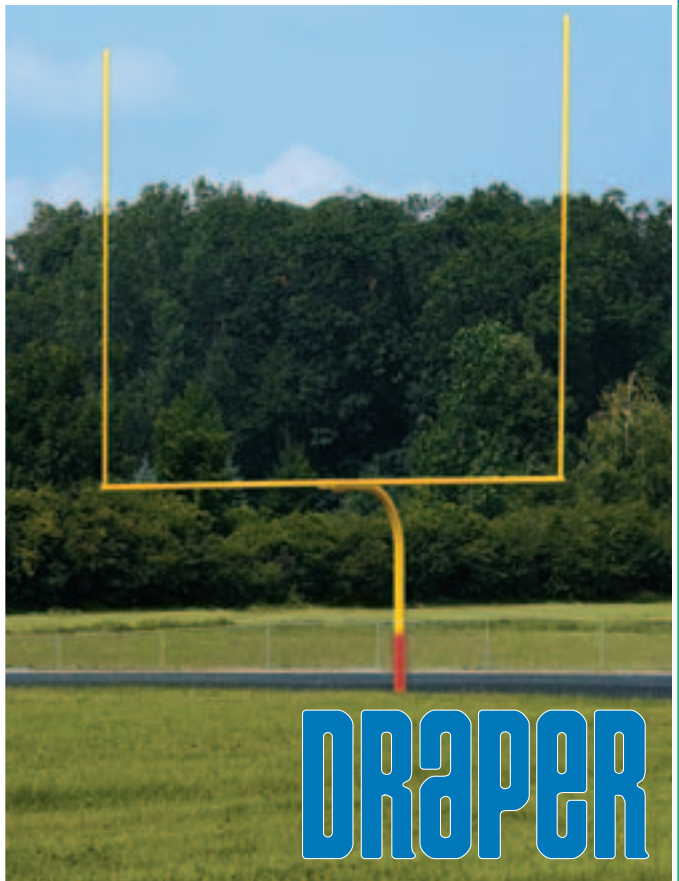


Athletic Equipment



Indoor Equipment & Outdoor Equipment

DRAPER

Draper, Inc.

specializes in the design and manufacture of top quality educational equipment. Since 1902, we've been a recognized worldwide leader in our industry.

We are proud to offer you an extensive line of gymnasium equipment that carries with it our reputation for quality materials and superior engineering and craftsmanship. Choose DRAPER as your full-line gymnasium equipment supplier—our quality is unequalled.

DRAPER also manufactures projection screens, lifts and mounts for projectors, plasma displays and flat panel displays and FLEXSHADE window coverings. Please call for catalogs of any of these product lines, or visit our web site at www.draperinc.com.

DRAPER has a tradition of product innovation. Watch for the logos below to discover new products and features.



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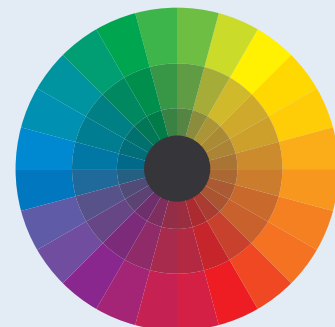
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Show Your Colors—We Powder Coat

Powder coating is the advanced method we use to apply a scratch-resistant color finish to our steel mechanical tubing on all EZ FOLD BASKETBALL BACKSTOPS. Black and white are standard, and other colors are available at a minimal additional charge. With nearly unlimited colors to choose from, you can specify your school colors, or the color of your choice to have the backstop match the gym decor.

Powder coating creates a smooth, durable, protective finish. Minimizes touch-ups following product installation. Considered the most attractive and durable finish on the market today.



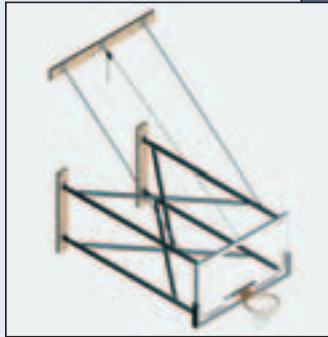
Wall-Mounted Backstops

DUW Up-Folding

- Folds upward to nearly flat against the wall.
- Steel tubing framing system.
- Two ¼" welded-link chains support unit in play position.
- Manual or electric winch operated.



EZ Fold DUW in folded position.



DGW Side-Folding

- Folds to either side against wall.
- Steel tubing framing system.
- Telescopic diagonal brace provides locking device in the play or stored positions.
- Spring-loaded pin releases diagonal locking brace.



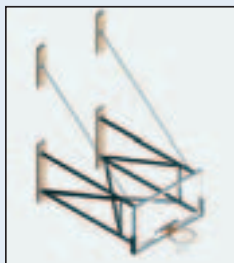
(Left) DGW Side-Folding backstop at Centennial Middle School, South Lyon, MI. Architect: Integrated Design Solutions, LLC. Photography: Wayne Williams, Indianapolis, IN.

SW Stationary

- Steel tubing framing system.
- For units over 3' from the wall or with a height adjuster, a pair of ¼" chain supports are added (shown at right).



Centennial Middle School, South Lyon, MI. Architect: Integrated Design Solutions, LLC. Photography: Wayne Williams, Indianapolis, IN.



SWD Stationary

- Stationary wall mount.
- Direct-mount goal brace.



Sulphur (LA) High School, 9th grade campus. Randall D. Broussard, Architect LLC. Photography: Barry Champagne, Houston, TX.



For complete submittals, instructions or specifications, visit Draper's web site at www.draperinc.com.

Basketball Backboards

Limited Lifetime Warranty on all backboards incorporating EZ Fold Goal Brace.

A0136 Rectangular Glass
72" x 42"



A0022 Rectangular Glass
72" x 48"

A0137 Downsize Rectangular Glass
54" x 40"

Fully tempered 1/2" glass with official white target and border permanently fired into glass. Frame constructed of extruded brushed aluminum. Used only for backstop structures with Goal Brace direct goal attachments.

A0127 EZ Strut Bank™
72" x 42"



A0126 EZ Strut Bank™
72" x 48"

Same features as A0136 and A0022 with additional vertical strut to relieve stress on glass during slam dunks. Goal is bolted to a plate welded to bottom of strut for maximum strength. Used only for backstop structures with four-corner backboard mounting.

A0132 Rectangular Glass Conversion
72" x 42"



Designed to replace fan shaped backboards. Same features as A0136 with all required conversion framework attached to backboard. Incorporates a horizontal member which bolts to goal for maximum strength.

A0134 Rectangular Fiberglass 72" x 42"

A0023 Rectangular Fiberglass 72" x 48"

White backboard is fabricated with double 3/16" shell over resin-treated honeycomb core. Orange border and target are applied with a high gloss gel-coat. Steel attachment T-nuts and goal attachment holes are through solid plastic blocks encased between the shells. Both backboards are designed for indoor or outdoor use.



A0140 Rectangular Wood 72" x 42"

A0021 Rectangular Wood 72" x 48"

Finest wood backboard available. 55 PCF density solid laminated wood core with eggshell white polyurethane face to resist abrasion. Inner panels are thermally fused. Border and target markings are part of laminate to prevent wear.

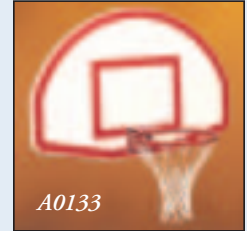
A0267 Rectangular Steel 72" x 42"

A0024 Rectangular Steel 72" x 48"

Constructed of one-piece 12 ga. steel reinforced with formed steel channel sections at goal and mounting points. Finished with primer and two coats of outdoor white enamel. Fan mounting center.

A0133 Fan Aluminum Backboard

White finish with orange border and target. Lifetime Warranty.



A0018 Fan Fiberglass (shown) 54" x 39"

Constructed of high quality resins and fiberglass for years of maintenance-free service. Target and borders are screened on for lasting durability.



A0020 Fan Glass 54" x 39"

Constructed of high strength aluminum frame and 1/2" fully tempered glass. Official white target and border are permanently fired into glass.

Optional Edge Padding for rectangular backboards

DRAPER recommends all rectangular backboards be fitted with edge padding. Three styles to choose from:

Safe-edge Padding

Grey, open cell foam material applied easily with high strength adhesive.

A0264 1 1/2" Wide Padding

A0253 2" Wide Padding

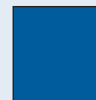
A0142 Bolt-on Padding

Available in the 12 colors

below. Pictured above is Royal Blue A0142. This edge padding is bolted onto the lower edges of the backboard. It has a molded-in steel track and a **five-year warranty** on indoor installations.



Grey



Royal Blue



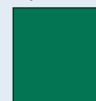
Scarlet



Columbia Blue



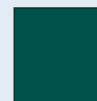
Navy



Kelly Green



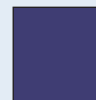
Gold



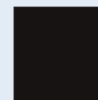
Forest Green



Orange



Purple



Black



Maroon

Basketball Goals

All goals below meet all NCAA and NFHS specifications.



503040 180° Breakaway Goal with hardware and net: fits both 48" and 42" bank.

This goal provides consistent breakaway pressure even during the most aggressive slam dunk action. The ring assembly floats on chromium ball bearings for smooth any-direction flexibility. Tube-tie net attachment system allows dependable, easy net installation without steel wires or ties cords. Constructed of high tensile steel and with all moving parts hardened for maximum life. Pressure release mechanism is field adjustable. Includes anti-whip net and mounting hardware.



503040

A0576 Breakaway Goal with hardware and net: fits both 48" and 42" bank.

Official breakaway goal withstands shock loads due to a player slam dunking and/or hanging on the rim. The rim deflects down when a load of 230 lbs. is applied and returns to the playing position once the load is removed. Shock absorbing, release/return mechanism is concealed within a fully protective cover. Rim is 5/8" diameter steel with 12 "no tie" net attachment clips welded to the rim. Complete with mounting hardware and nylon anti-whip net.



A0576

A0581 Tube Tie Breakaway with hardware and net: fits 48" and 42" bank.

Adjustable tension breakaway goal with tube-tie net attachment system—virtually fail safe. Improves player safety. The rim deflects down when a load is applied and returns to the playing position once the load is removed. Adjustable shock absorbing, release/return mechanism is concealed within a fully protective cover. Rim is 5/8" diameter steel. Complete with mounting hardware and nylon anti-whip net.



A0581

A0570 Stationary Goal with hardware and net: fits both 48" and 42" bank.

Official competition goal fits most front mount backboards made of glass, fiberglass and wood. Rim is 5/8" diameter steel with 12 "no tie" net attachment clips welded to the rim. Rim is supported underneath by 7/16" diameter steel rod welded to the rim and mounting plate. Complete with mounting hardware and heavy-duty net. (For 5/8" diameter support brace to withstand up to 800 lbs., specify A0572 Heavy-Duty Stationary Goal—fits both 48" and 42" bank).



A0570

Replacement Nets

503046 Heavy-Duty Nylon Net
Braided nylon. Bright white.



503045 Heavy-Duty Anti-Whip Nylon Net
Braided nylon with stiffened upper loops to reduce net whip. Bright white.



Portable Basketball Systems

Competition styling, an official-sized glass backboard and breakaway goal make DRAPER PORTABLE BACKSTOPS an affordable choice for facilities looking for premium competition court and side court systems. Low-maintenance extension spring technology design makes one-person setup and height adjustment easy and fast. Model 503018 (at right) has 66" of safe play area, and model 503019 has 96". Each has a full size 42" x 72", 1/2" tempered glass backboard and breakaway goal. Model 503019 also features a rear anchor kit and added structural members, ballast and horizontal beam padding to allow high school or college competition play.

Backboard has a lifetime limited warranty. Goal height is adjustable from 5' to 10' in 6" increments for players of all ages. Base and front are fully padded on all sides with 2" thick padding. Rolls easily on 8" diameter, 2" wide running gear. Ballast is hidden from sight. Front stabilizers lock in place for maximum play stability. Molded bolt-on edge padding color matches base. Front floor positioning pins included.



503018

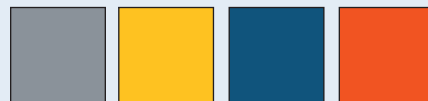
Portable Basketball Systems: Padding Choices

In Stock:

Special Order—Allow Four Weeks



Dark Blue Red



Grey Yellow Navy Orange



Maroon Black



Forest Green Kelly Green Marine Purple

Warranties

Portable Structures.....Ten-Year Limited Warranty
72" x 42" Glass Backboard ...Lifetime Limited Warranty
Bolt-on Edge PaddingFive-Year Limited Warranty
Breakaway GoalOne-Year Limited Warranty
Tube-Tie Breakaway Goal ...Four-Year Limited Warranty

Height Adjusters

Direct Mount 8'–10' Height Adjusters For Backboards

For rectangular or fan-shaped backboards and goals, our height adjuster features a direct goal attachment and is designed to mount to virtually any style of backstop. All DRAPER backboards have a limited lifetime warranty when used with our height adjuster. Height adjuster includes a self-adhesive height scale that is graduated in 1" increments and labeled at 6" intervals. Height adjuster frame assembly is jig welded and factory assembled to ensure precise alignment and smooth operation.

Motorized Height Adjuster: The electric linear actuator provides smooth reversible motion for loads up to 600 lbs. Linear actuator includes cam style limit switches that will allow 24" of travel. The MOTORIZED HEIGHT ADJUSTER's linear actuator assembly is bolted in place and easily removed for conversion to manual operation.

- 503093 *Motorized, for rectangular bank. Operated with Key Switch or Smart Gym Touch Pad.*
- 503097 *Motorized, for fan bank. Operated with Key Switch or Smart Gym Touch Pad.*
- 503095 *Motorized, for rectangular bank with wireless remote control.*
- 503098 *Motorized, for fan bank with wireless remote control.*
- 503096 *Motorized, for rectangular bank with EZ Stick Power Wand.*
- 503099 *Motorized, for fan bank with EZ Stick Power Wand.*



Electric height adjuster can be raised and lowered to allow 24" of travel.



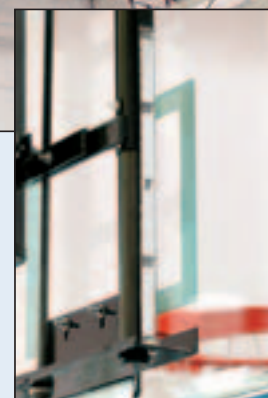
Direct goal attachment is designed to mount to virtually any style of backstop.

Manual Height Adjuster: Is operated with a removable awning-style crank handle and actuated via a 3/4"–6 Acme threaded rod. Its actuator rod assembly is bolted in place and easily removed for conversion to electric operation.

- 503092 *Manual, for rectangular backboards.*
- 503094 *Manual, for fan backboards.*



Manual Height Adjuster at Mt. Pleasant Christian Church, Greenwood, IN. Includes self-adhesive height scale (right). Photography by Wayne Williams, Indianapolis, IN.



Note: Height adjusters may not be compatible with some support structures and backboards. Detailed dimensional information may be required to determine compatibility and to insure correct hardware is provided.

503003 Portable Height Adjuster Operator:

A compact, cordless, reversible electric operator for use with the MANUAL HEIGHT ADJUSTER. Makes the operation of manual height adjustment an easy task.



Accessories and Controls

503085 Motorized Winch

A one-horsepower motorized winch operates our EZ FOLD basketball backstops. Our winch delivers 1000 lbs. of vertical lifting and 1500 lbs. of horizontal line pull. Designed to hold the backstop at any position when raising or lowering the backstop with the turn of a key. The cable drum is helically grooved for ¼", 7 x 19 aircraft cable. The grooves provide proper spooling of the cable and ensure excellent repeatability of stop positions. The drum is equipped with a pressure roller with torsion spring tensioning. It ensures that the cable tracks in the grooves even under slack cable conditions. The winch has a direct drive, double worm reduction system. No oil lubrication is required. Automatic limit switches control the distance of travel in either direction. Entire winch assembly is UL listed. A 3-position momentary key switch and cover plate is supplied with each motorized winch. **Five-year warranty.**



503085 Electric Winch and Key Switch

503023 EZ Power—

Optional Wireless Remote Control

Eliminate complicated, expensive wiring, wall boxes and individual key switches with a radio control system. The EZ POWER portable hand held transmitter is capable of operating up to 27 individual one horsepower electric motor winches. Power supply for the hand held transmitter is a standard 9-volt battery. Operating range is at least 125'. Requires item 503020, a 9-station transmitter, or 503021, a 27-station transmitter.



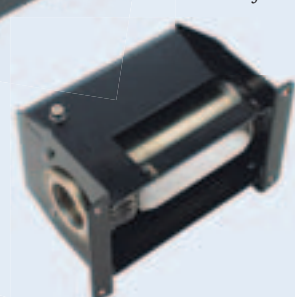
503023 Wireless Remote Control

503086 Manual Winch

For ceiling height under 26', the EZ FOLD backstop may be operated by a manual winch with a removable handle. The winch features double worm-gear reduction with a 36:1 ratio and composite gears to make the unit virtually maintenance free. The cable drum is helical grooved for ¼", 7 x 19 aircraft cable to provide proper spooling. Drum is equipped with a pressure roller with torsion spring tensioning to insure cable tracks in grooves even under slack conditions. Gears and cable drum are enclosed by integral cover. Operated with standard removable handle or optional A0490 Portable Operator.



503086 Manual Winch. (Left) top view, (below) back view of winch.



Removable hand crank for manual winch

A0490 Portable Operator

A compact, heavy-duty, reversible electric operator for use with manual winch 503086. Complete with an 18" extension adaptor. Makes the operation of manual winch backstops a quick, easy task. Optionally available with 503048 50' Power Cord and 503047 Portable Storage Case.



A0490 electric operator for Manual Winch and optional 50' power cord

503029 Posilok™ Safety Belt

Safety belts are recommended on all backstops, especially those suspended over bleachers or playing areas. The POSILOK SAFETY BELT is self-checking, automatically resets and is virtually fail-safe. The maximum weight of a suspended load is 1000 lbs. The POSILOK SAFETY BELT checks the speed of the rotating reel six times per revolution and will instantly lock if the speed exceeds the trip point of 1½' per second. Belt includes a maximum extension indicator and breakaway loop to indicate if the POSILOK SAFETY BELT has been tripped. The POSILOK SAFETY BELT has been cycle tested to 30 years of typical gymnasium usage with no significant wear or deterioration of the unit.



Posilok Safety Belt automatically resets and is self-checking.

Wall Pads

DRAPER manufactures high quality gym wall padding to provide heavy-duty protection for indoor impact areas. DRAPER'S WALL PADS are ideal for basketball courts, gymnastics areas, wrestling rooms, rehabilitation centers—any surface area where padding is needed

DRAPER standard pad construction: a 2" thick, 3.5 lb. density, polyurethane foam bonded to a 7/16" thick waferboard which is then fully wrapped in a vinyl-coated polyester covering, enhanced by a leather-like emboss pattern. Coverings come in a variety of colors. (See color choices and physical description below.) Optional materials: a 2" thick pad with a 6 lb. density; a 1 1/2" thick polyurethane pad with a 3.5 lb. or 6 lb. density; a 1 1/2" thick polyethylene foam pad; a 1/2" fire-rated plywood backer; Vonar® interlining, a flame retardant material. Vonar® is a registered trademark of DuPont.



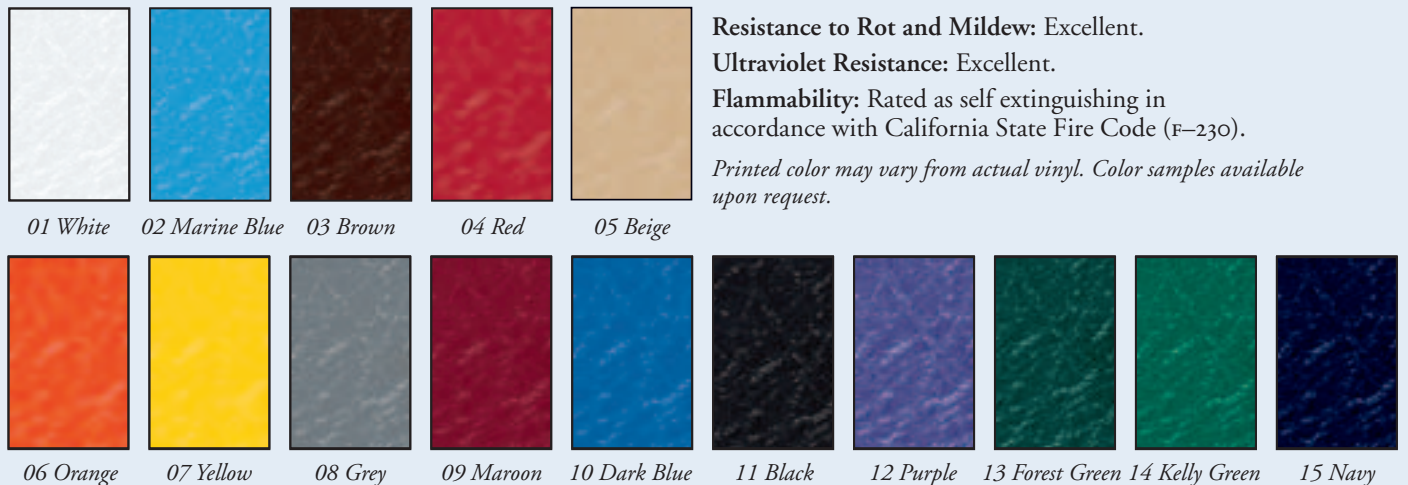
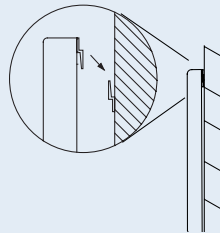
(Above) Sulphur (LA) High School, 9th grade campus. Randall D. Broussard, Architect LLC. Photography: Barry Champagne, Houston, TX.

DRAPER will custom make pads any shape or size, including those for columns, beams, doors and stage fronts. All pads are manufactured in one-piece construction. Laced, round post pads without a waferboard backing are available.

All standard WALL PADS include a 1" lip on the top and bottom for easy installation over finished or unfinished walls. Or specify one of the following:

Mounting options available—

- "Z"—Clips at the top and bottom for wall mounting pads. Edges of the pad are flush with the wood backer. Eliminates 1" lip.
- "Z"—Clip at top and 1" nailing strip at the bottom.
- Channel System: channel attaches to wall clips; trims out top and bottom lip; remove single pads as needed for repair.



Class A Flame Retardant Wall Pads

DRAPER'S flame retardant wall pads have been independently tested as a singular unit and have been found to meet the requirements of 2003 IBC Section 803.2.1, when tested in accordance with NFPA 286, and given a "Class A" rating in accordance with ASTM-E84 and NFPA 255 test procedures. **Test Results: Flame Spread Index = 20; Smoke Developed Index = 350.** DRAPER uses state of the art flame resistant polychloroprene latex, open cell foam cushioning material, rigid OSB backing and vinyl-coated polyester covering enhanced by a leather-like emboss pattern. Coverings come in a full range of colors.

Wall Padding Vinyl Selections

General: Solid vinyl-coated polyester fabric with an embossed pattern.

Weight: Average 14 oz. per square yard.

Strength: 350 lbs. per sq. inch break strength and 65 lbs. tear resistance.

Resistance to Rot and Mildew: Excellent.

Ultraviolet Resistance: Excellent.

Flammability: Rated as self extinguishing in accordance with California State Fire Code (F-230).

Printed color may vary from actual vinyl. Color samples available upon request.

Large Scale Graphics Wall Pads

Print your mascot, full-color photo, sponsor's advertising, or any art you choose on your wall of pads.

- Large format digital image reproduction.
- Printed in 3-color process.
- Images are not silk-screened or made with vinyl tape.
- Art is sharp and clear from any distance.
- Any size is possible.

Images are printed on 18 oz. coated vinyl and laminated for durability. Over 1000 images to choose from or submit your own ideas. All designs are sent to the client for final approval prior to printing. Contact DRAPER for details.



Sulphur (LA) High School, 9th grade campus. Randall D. Broussard, Architect LLC. Photography: Barry Champagne, Houston, TX.



Milroy Elementary School, Milroy, IN. Photography: Wayne Williams, Indianapolis, IN.



Harris Elementary School, Greenfield, IN. Photography: Wayne Williams, Indianapolis, IN.

Patriot Motorized Flag

DRAPER's newest gym equipment product makes a dramatic presentation of the United States flag in any gymnasium. "Old Glory" appears at the touch of a switch or wireless transmitter. Standard product includes a sewn, nylon flag. Options include state flags or school banners, provided by customer.

The PATRIOT can display a flag either vertically or horizontally. Flag measures 12' x 18' with both mountings. The vertical or banner flag is housed in a 12' case, and the horizontal flag is housed in a 20' case.



(Above) Close-up of flag mounting and case (right).



Patriot Motorized Flag at Knightstown (IN) High School. Architect: R.W. Clinton & Associates, Inc. Photography: Wayne Williams, Indianapolis, IN.

Power Volleyball System

PVS-01 POWER VOLLEYBALL SYSTEM is a one-time investment that nets you all the top quality demanded by today's top level volleyball programs. The all-aluminum PVS-01 floor-sleeve type system is a breakthrough in volleyball technology and engineered for a lifetime of hard use. It will provide years of trouble-free safe service.

Each post is manufactured with high-strength $3\frac{1}{2}$ " O.D. aluminum. Height adjustment from 6'1" to 8'4" in one inch increments, uses precise mechanical pin adjustment. Each upright is equipped with an adjustable protective rubber bumper for fine adjustments. Power winch has a folding handle to insure player safety.

Consider these PVS-01 features:

- Meets all NFHS, USVBA, NCAA and FIVB requirement for competition equipment.
- Adjusts to all competition heights.
- Clear anodized finish for professional looking appearance.
- High maneuverability—lightweight and easy to handle.
- Easy setup—requires only one person just a few minutes.
- Secure cast-in-place $3\frac{1}{2}$ " I.D. floor sleeves with choice of flush cover plates provide rigid support—for the life of the installation.
- Tensioning winch is a heavy-duty, self-locking worm gear mechanism. A heavy 2" wide, high-tensile strength, nylon strap with heavy-duty snap guarantees safe connection to the net top cable.
- Easy storage—can be hung on wall hooks, secured with vertical storage brackets, stored on transporter/storage cart or tucked away in a closet.
- Heavy-duty construction—built for years of trouble-free service and rough use.

500001 Single Court System includes:

(See page 13 for additional descriptions)

Telescoping Aluminum Standards—One pair of $3\frac{1}{2}$ " O.D. aluminum uprights. A power winch is located on the outside of one post. The second upright is equipped with an adjustable cable anchor collar.

500004 Power Volleyball Net—One each

500005 Rope Tensioner—Two each

500006 Boundary Markers—One pair

500007 Net Antennas—One pair

500002 Two Court System includes:

(See page 13 for additional descriptions)

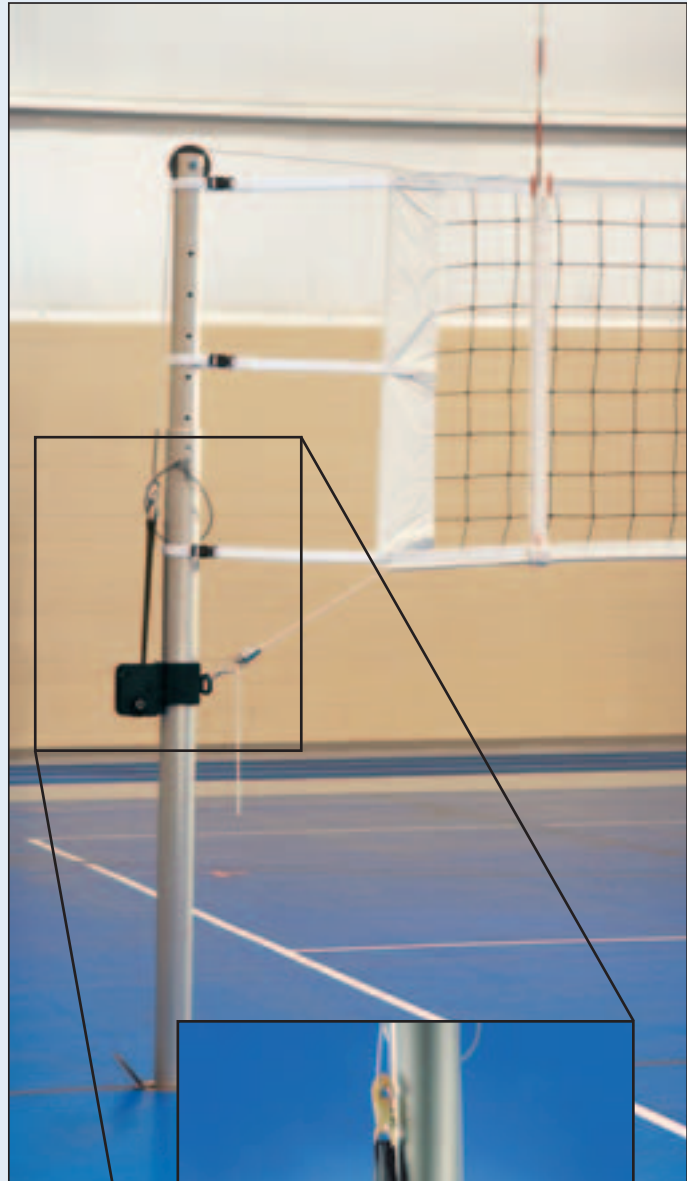
Telescoping Aluminum Standards—Three $3\frac{1}{2}$ " O.D. aluminum uprights. A power winch is located on the outside of two posts. Center upright is equipped with double top pulleys and adjustable cable anchor collar to attach two nets.

500004 Power Volleyball Net—Two each

500005 Rope Tensioner—Four each

500006 Boundary Markers—Two pair

500007 Net Antennas—Two pair



Every Draper PVS is equipped with a power-tensioning winch on one upright. The handle folds for player safety.

**For complete submittals, instructions or specifications,
visit Draper's web site at www.draperinc.com.**

Competition Volleyball System

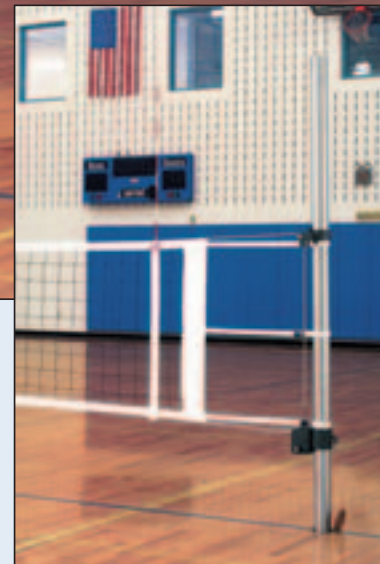
CVS-01 COMPETITION VOLLEYBALL SYSTEM incorporates all of the top quality features of our PVS-01 with additional versatility. The all-aluminum CVS-01 floor-sleeve type system adjusts to all competition for tennis, badminton and volleyball or anywhere in between. No need to change uprights —just move the net into position, and the gym is equipped for a different sport.

Each post is manufactured with high-strength $3\frac{1}{2}$ " O.D. aluminum. Each upright is equipped with an adjustable protective rubber bumper for fine adjustments. Power winch has a folding handle to insure player safety.

Consider these CVS-01 features:

- Meets all NFHS, USVBA, NCAA and FIVB requirements for competition equipment.
- Preset setting for tennis, badminton and volleyball competition for both men and women—with infinite adjustment to any point between.
- Clear anodized finish for professional-looking appearance.
- High maneuverability—lightweight and easy to handle.
- Easy setup—requires only one person just a few minutes.
- Secure cast-in-place $3\frac{1}{2}$ " I.D. floor sleeves with choice of flush cover plates provide rigid support—for the life of the installation.
- Tensioning winch is a heavy-duty, self-locking worm gear mechanism. A heavy 2" wide, high-tensile strength, nylon strap with heavy-duty snap guarantees safe connection to the net top cable.
- Easy storage—can be hung on wall hooks, secure with vertical storage brackets, stored on transporter/storage cart or tucked in a closet.
- Heavy-duty construction—built for years of trouble-free service and rough use.

For complete submittals, instructions or specifications, visit Draper's web site at www.draperinc.com.



CVS-01—Two standards stay in place: just lower net to 3'6" for tennis or 5'1" for badminton.

500010 Single Court System includes:

(See page 13 for additional descriptions)

Fixed Length Aluminum Standards—One pair of $3\frac{1}{2}$ " O.D. aluminum uprights. A power winch is located on the outside of one post. The second upright is equipped with an adjustable cable anchor collar.

500004 Power Volleyball Net—One each

500005 Rope Tensioner—Two each

500006 Boundary Markers—One pair

500007 Net Antennas—One pair

500011 Two Court System includes:

(See page 13 for additional descriptions)

Fixed Length Aluminum Standards—Three $3\frac{1}{2}$ " O.D. aluminum uprights. A power winch is located on the outside of two posts. Center upright is equipped with double top pulleys and adjustable cable anchor collar for attaching two nets.

500004 Power Volleyball Net—Two each

500005 Rope Tensioner—Four each

500006 Boundary Markers—Two pair

500007 Net Antennas—Two pair

Volleyball Accessories

DRAPER offers a full line of volleyball accessories detailed below. Additional equipment available upon request. Please call if you require an accessory that's not listed below.

Floor Plates

Floor plates in chrome or brass with secured covers and removal key. Protects floor sleeves and mounts flush with all types of flooring materials. 501001–501003 for new construction; 501004 for existing floors. May be combined with any floor sleeve below.

Available floor plates:	O.D.	I.D.
501001 Chrome Plated	5 ³ / ₁₆ "	4 ¹ / ₈ " (swivel type cover)
501002 Solid Brass	7 ³ / ₈ "	4 ¹ / ₄ " (flanged)
501003 Solid Brass	6 ⁷ / ₁₆ "	5 ¹ / ₈ " (concealed)
501004 Chrome Plated	8"	5" (for existing floor)



501001



501002



501003



501004

Floor Anchors

Chrome-plated, one-piece floor anchors are designed for grout-in installation. Anchors have spring-loaded flush fairings with standard 1/2"-13 NC threads. Specify model 501011 for wood over concrete floors, or model 501012 for tile, concrete or rubber floors.



501011



501012

Wall Storage Hooks

501017—Pair of steel hooks for mounting on wood or masonry walls to store game standards.



Floor Sleeves

Cast-in-place floor sleeve rigidly secures standards and is adaptable for new construction and retrofit on existing floors. Steel mechanical tubing. Square plate welded to bottom provides secure footing in concrete.

Floor sleeves:	I.D.	Depth
501006	3 ¹ / ₂ "	8 ¹ / ₂ "
501008	2 ³ / ₈ "	8 ¹ / ₄ "
501009	3"	8 ¹ / ₄ "
501010	4"	12 ¹ / ₄ "



Transporter/Storage Cart

501016—Heavy-duty transporter is designed to store two complete PVS-01 Systems, two center standard kits, padding for standards, and numerous volleyballs in the storage pouch. (Balls not included). Rolls easily on swivel casters.



Single Post Transporter

501023—POST TRANSPORTER makes it easy to move volleyball posts to and from storage area. Constructed with 3¹/₂" ID tube welded to 1/4" thick flat plate. Transporter features two 1¹/₂" non-marking nylon casters. Entire unit finished in attractive gloss black powder coat.



Vertical Storage Brackets

501015—Store volleyball posts in a vertical position. Constructed from 1/4" thick flat steel and 3/16" thick angle. Posts are secured with nylon straps with hook and loop fastener. Brackets are sold in pairs. Each pair of brackets is designed to store two posts. Weldment is finished in attractive gloss black powder coat.



Volleyball Accessories

Judges Stand with Protective Padding

5013xx*—Official's platform constructed of 1½", 14 ga., square tubing uses quick-lock pin attachment to collar on post and rolls on two non-marking wheels. Supplied with protective padding, dark blue standard. Heavy-duty construction. *Last two digits indicate color of pads. See page 8 for colors.

Protective Pads for Volleyball Standards

501018—One pair of upright pads for standards provide maximum player protection. Our 6' high pads are constructed of ¼" thick, cross-linked polyethylene foam filler covered with polyester reinforced vinyl fabric. Each pad consists of two vertical sections that attach to each other with hook and loop fasteners for a quick, easy setup. Each section is hinged at the corners to fold neatly around posts and tensioning winch. Protective Pads work equally well when used with a Judges Stand (as seen at right) or Center Standard Kit. Dark blue is standard, other colors available.

PVS-01 Center Standard Kit

Center Standard Kit for multiple court use in conjunction with PVS-01 Volleyball System. Same top quality features of PVS-01 standard, but with double top sheaves for attaching two nets. Kit includes one center standard (501013), one winch with folding handle, one net (500004), one pair of net antennae (500007) and one pair of boundary markers (500006). Post pad optional.

CVS-01 Center Standard Kit

Center Standard Kit for multiple court use with CVS-01 Volleyball System. Top collar has dual sheaves for attaching two nets. Kit includes one center standard (501021), one winch with folding handle, one net (500004), one pair of net antennae (500007) and one pair of boundary markers (500006). Post pad optional.

500004 **Power Volleyball Net**—32' x 39¾". Official competition net. 4" square #36 black nylon cord with vinyl-coated polyester hem double stitched around entire perimeter of net. Top hem has a 42'6" long galvanized aircraft cable with a nylon coating for top tensioning. Bottom of net has a braided white nylon rope for bottom tensioning. Each side of net is equipped with three polypropylene tension straps with buckles.

500005 **Rope Tensioner**—A spring-loaded rope tensioner holds the bottom of the net taut.

500006 **Boundary Markers**—A pair of 2" wide white polyester reinforced vinyl strips, one for each end of the net.

500007 **Antennae**—A pair of ¾" dia. fiberglass rods with alternating red and white 4" stripes.

Other Net Game Systems

DRAPER offers a full line of game systems that are not pictured:

- 3½" PORTABLE VOLLEYBALL SYSTEM (500008)
- BADMINTON GAME SYSTEM (502100)
- 2¾" COMBINATION GAME SYSTEM (502105)

Please call if you require an accessory that's not listed, or see our Web Site: www.draperinc.com.



Above, a Judges Stand with Protective Padding. Its back leg is encased in a Protective Pad for Standards. Dark Blue is our standard color, but other colors are available.



Power Volleyball System Center Standard Kit

Physical Education Equipment

Multi-Sport Practice Cages

DRAPER has a solution to year-around practice: Move indoors with our PRACTICE CAGE. Our cage has a simple design but various uses: Step inside and practice swinging at baseballs, softballs, golf balls and tennis balls; practice kicking footballs and soccer balls.

Practical in application and design, the unit is motor operated. A turn of the key will raise or lower the cage suspended from a rotating drive pipe. Four sides and the top of the cage are fitted with white knotless nylon mesh golf netting (opening is 3/4" square). Two corners of the cage are sewn together, and two are secured using zippers, allowing one long sidewall to be raised if activity necessitates. Standard cage size is 10' high x 12' wide x 70' long. Custom sizes available.



Contrasting end panels added by facility owner.

Clock Guard

DRAPER CLOCK GUARDS prevent shattered glass in an activity area by shielding clock from flying sports equipment.

DRAPER makes a heavy-duty steel frame that fits over most standard size gym clocks. Constructed of 1/4" diameter, 16-gauge steel rods welded to a steel frame. All components are powder coat treated in a glossy black finish for years of indestructible protection for your clock.



The frame mounts securely to the wall. The guard's inside dimensions are 20" x 20" square. The clearance between the wall and the front of the frame measures 4". A 1" space lets the clock cord pass under the frame. For quick and easy access to the clock, the clock protector is double hinged on one side, with a wingnut fastener assembly on the other. No tools are needed to open or close the guard.

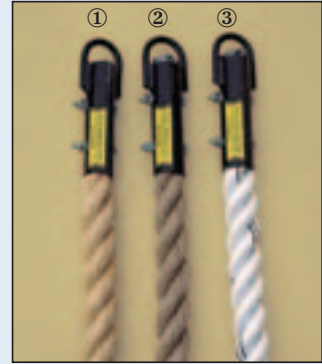
For complete submittals, instructions or specifications, visit Draper's web site at www.draperinc.com.

Climbing Ropes

DRAPER offers climbing ropes in three different materials and a variety of ends, optional knots, rubber balls and accessories to improve muscle tone in the upper arms and shoulders. Standard lengths of rope are 18'.

Choose the material:

- ① EZ MANILA is 1/2" rope twisted from 3 strands of Grade A manila.
- ② EZ ROPE looks and feels like natural rope but is a synthetic "unmanila" fiber. Even at 1/2", it is two-thirds the weight and is superior in strength to natural rope.
- ③ EZ POLY is 1/2" polypro core covered with a soft, durable cotton-like polyester.



Choose the end:

- ① Whipped
- ② Polyboot
- ③ Leather seat on a turk knot

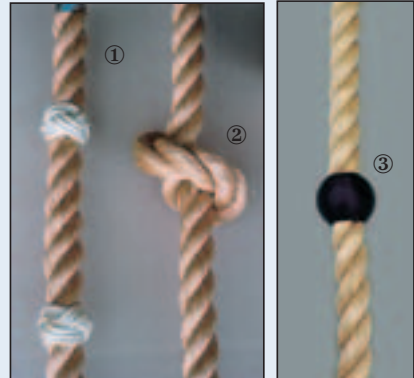
Choose optional climbing aids; specify quantity and desired location:

- ① Woven knots spliced into the rope for assistance and rest areas.
- ② Large tied knots used to form platforms for climbing assistance.
- ③ Rubber balls available only on EZ MANILA and EZ POLY ropes.



Choose accessories:

- ① 502004—Tambourine clamps to any position on the rope to limit climbing distance.
- ② 502005—Climbing Rope Hoist to raise ropes to wall or ceiling after use for easy storage.
- ③ 502003—Adjustable Beam Clamp with EZ-link to attach ropes to I-beams, bar joists and trusses.
- ④ 502014—Safety cable attachment. A backup safety device for all ropes. Cable loops up over your ceiling attachment and secures to the rope with a 1/4" pipe clamp.



Note: Custom attachment clamps available. Contact your DRAPER dealer for details.

Physical Education Equipment

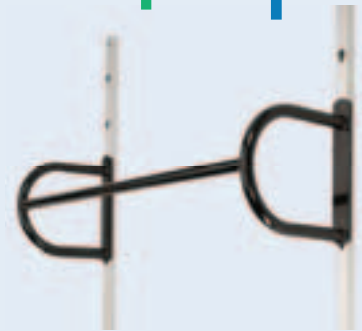
Stall Bar with Extended Top Rail

502026—Mount single STALL BAR sections separately or in a continuous row. Each section is 2'10" wide and 8' high with 11 rungs of 1½" diameter solid oak. Rungs are finished with a clear lacquer and secured to the uprights to prevent turning. Each section weighs 75 lbs. Assembly hardware and mounting instructions included.



Deluxe Adjustable Wall Chinning Bar

502015—The finest bar available. Wall mounting brackets and bar are constructed of galvanized steel. Bar finished with black powder coat and adjusts easily in bracket using 6" wall with lag bolts and shields. Ready to mount. 40" in length.



Deluxe Arm Strengthening Bar

502028—This DELUXE ARM STRENGTHENING BAR is made of 1¼" heavy gauge steel tubing. It is powder coated for durability. Seven rungs are in 7" increments for endurance training. Overall measurements are 63" tall and 21" wide.



Adjustable Chinning Bar

502013—Mount ADJUSTABLE CHINNING BAR to the wall for a permanent installation or to the 2" x 4" x 54" wood wall pads for adjustability and removal for storage. Solid steel frame and 1½" diameter solid steel bar are welded together for a lifetime of chin-ups. With wood wall pads, bar is adjustable in 6" increments within a 30" range. Frame and bar have a chrome finish.



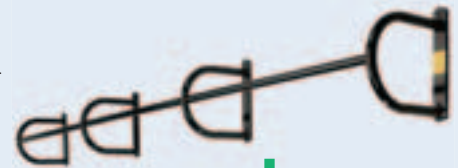
Arm Ladder

502027—Arm strengthening climbing ladder is made from heavy-duty tubular galvanized steel. Upper body strength developer angles away from the wall for safety. Five rungs are bolted to the outside rails—the first four are 8" apart and the top one is approximately 10" above the others and 7" back toward the wall. Overall dimensions are 45" long and 24" wide.



Stationary Chinning Bars

These one, two or three section chinning bars feature the same quality construction as our DELUXE ADJUSTABLE WALL CHINNING BAR, but are designed to mount directly to a wall.



Floor Hockey Goal

502040—DRAPER'S FLOOR HOCKEY GOAL is 4' h x 6' w x 22" d and is constructed of 1¾" O.D. galvanized tube frame with galvanized steel fittings. Floor hockey goal includes ¾" white nylon net and non-marking floor pads. Net has 14 oz. vinyl sleeves to fit tubing frame and eliminate need for lacing. Goal can be used for indoor or outdoor play. Sold in pairs.



- 502016—40" Single unit chinning bar
- 502017—82" Dual unit chinning bar
- 502018—124" Three unit chinning bar



Wall Mounted Horizontal Ladder

502025—Side rails are 12' long and 1½" x 4" x .083" wall rectangle tubing with capped ends. Side rails are electrostatically painted. Twelve hardwood rungs are 1¾" dia. solid maple and are secured to the side rails to prevent turning. Support frames of 1½" dia. heavy wall tubing will position the inside of the ladder 2'-6" from the wall. 2" x 6" wood wall pads included. Assembly hardware and mounting instructions included.

For complete submittals, instructions or specifications, visit Draper's web site at www.draperinc.com.

Outdoor Basketball Backstop Systems

506993 Titan Adjustable Post Set

TITAN'S 6" square, $\frac{3}{8}$ " thick post and heavy-duty, dual strut extension arm makes it one of the toughest adjustable posts sets available. Tubular H-Frame backboard mount with direct goal attachment provides maximum rigidity. Post provides a 4' extension for maximum player safety.

Crank style adjustment system with a double spring assist allows virtually anyone of any size or age to easily adjust the goal to any height between 10' and 4' 6". Indicator shows the rim height.

All pivot points feature welded steel bushings, and post has a welded top cap to provide long-term durability. Entire post and extension finished in durable black powder coat. Post is attached to concrete footing via threaded J-bolt anchoring system to allow perfect pole leveling and easy removal.

Post set provided with 72" x 42" Acrylic Backboard and Outdoor Breakaway Goal. 506980 Post Pad and 506986 Backboard Edge Padding are optional.

506992 Force Adjustable Post Set

FORCE'S 5" square, $\frac{3}{8}$ " thick post and dual strut extension make it a high-quality system that will stand up to even the toughest play. Post set features the same Tubular H-Frame and direct goal attachment design featured on our top of the line adjustable post set. Backboard extends 4' in front of the post.

Crank style adjustment system with spring assist makes it easy for most people to adjust the goal to any height between 10' and 5'. Indicator shows the rim height.

Post features welded steel bushings at all pivot points and a welded top cap to provide durability. Post and extension finished in durable black powder coat. Post is attached to concrete footing via threaded J-bolt anchoring system to allow perfect pole leveling and easy removal.

Post set provided with 48" x 36" Acrylic Backboard and Outdoor Breakaway Goal. 506983 Post Pad and 506988 Backboard Edge Padding are optional.

506991 Slam Adjustable Post Set

SLAM post set offers adjustability and durability at an affordable price. Post is constructed in a single piece from 4" Square 11-gauge tubing. Vinyl cap seals post to prevent collection of water. Backboard extends 24" in front of the post when goal is set at 10'. Extension distance increases as rim height is lowered.

Pin-style adjustment allows for the goal to be set at heights from 10' to 7' in 6" increments. Post has a spring-aided design to make adjustment virtually effort-free.

All steel components finished in black powder coat for maximum durability. Post is direct buried 36" into concrete footing.

Post set provided with 48" x 36" Acrylic Backboard and Outdoor Breakaway Goal. 506981 Post Pad and 506988 Backboard Edge Padding are optional.



**For complete submittals, instructions
or specifications, visit Draper's
web site at www.draperinc.com.**

Outdoor Basketball Backstop Systems

Gooseneck Style Posts

Gooseneck style posts are our most popular choice for OUTDOOR BACKSTOP SYSTEMS; 3 sizes and 4 extensions meet any need and field condition. Each style post is constructed with heavy-wall galvanized pipe formed with an 18" to 24" radius and horizontal section to extend the board away from the post. Posts provided with lug at bottom to prevent rotation in footing. Goals bolt directly through the backboard to post to eliminate stress on the backboard, if a player hangs on goal. Choose from backboards and goals listed on page 18. Rectangular shaped backboards are supplied with diagonal sway braces for added stability.

5061XY*—3½" O.D. with 3' extension
 5062XY—3½" O.D. with 4' extension
 5063XY—4½" O.D. with 4' extension
 5064XY—4½" O.D. with 5' extension
 5065XY—5½" O.D. with 6' extension

* X used to indicate backboard. Y used to indicate goal.



506343—4½" OD Gooseneck Post with 4' Extension, A0133 Fan Aluminum Backboard with Border and Target and A0575 Double Rim Goal with Nylon Net.

Straight Style Posts

Three sizes and extensions meet any need and field condition. Each style post is constructed with heavy-wall galvanized pipe with lug at bottom to prevent rotation in footing. Horizontal extensions are constructed of heavy-wall galvanized tube and a fitting to fit over vertical post. Goal height can be set from 0'-10'. Goals bolt directly through backboard to post to eliminate stress on backboard, if a player hangs on goal. Choose from backboards and goals listed on page 18. Rectangular shaped backboards are supplied with diagonal sway braces for added stability.



506643—3½" OD Straight Post with 3' Extension, A0133 Fan Aluminum Backboard with Border and Target and A0575 Double Rim Goal with Nylon Net.

5066XY*—3½" O.D. with 3' extension
 5067XY—4½" O.D. with 4' extension
 5068XY—5½" O.D. with 6' extension

* X used to indicate backboard. Y used to indicate goal.

Back-to-Back Style Posts

Same features and construction as straight style posts with second extension for using a common post for two backboards. Ideal for large playgrounds with courts located end to end.

5069XY*—4½" O.D. with two 4' extensions
 5060XY—5½" O.D. with two 6' extensions

* X used to indicate backboard. Y used to indicate goal.

Heavy-Duty Fixed Height Posts

DRAPER's fixed height posts offer exceptional rigidity, uncompromising durability and maximum safety on even the toughest basketball courts!

Built from heavy 6" square 3/16" thick steel tubing, our fixed height posts provide unmatched stability and durability. Designed for the most rugged playgrounds, the posts performs equally well on the home court. The direct bury post is positioned 66" behind the backboard for safety.

The extension arm is attached to the vertical post via six 5/8" high tensile bolts. Though considered a "fixed height" goal, the extension arm can be bolted at any height along the post.

506995—Post set with 72" x 42" acrylic backboards and Outdoor Breakaway Goals with nylon nets.

506997—Post set with 72" x 42" steel backboards and Super Playground Goals with nylon nets.



506995



506997



Heavy-Duty Back-to-Back Fixed Height Posts

Same premium construction and quality features as our Heavy-Duty Fixed Height Posts, except with a second extension arm, backboard and rim extending off opposite side.

506996—Post set with 72" x 42" acrylic backboards and Outdoor Breakaway Goals with nylon nets.

506998—Post set with 72" x 42" steel backboards and Super Playground Goals with nylon nets.

Optional 506982 6" Square Post Pad and 506986 Backboard Edge Padding available for all Heavy-Duty Fixed Height Post Sets.



506996



506998



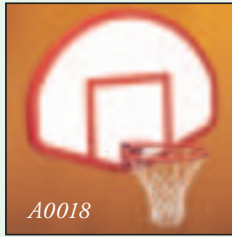
For complete submittals, instructions or specifications, visit Draper's web site at www.draperinc.com.

Basketball Backstop Systems



Backboards

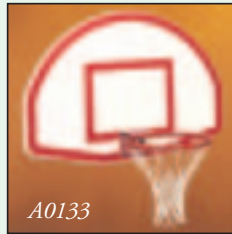
A0018 Fan Fiberglass (shown) 54" x 39"
See page 4 for description.



A0135 Fan Aluminum Backboard
Solid die cast aluminum with reinforcing ribs for added strength. White powder coat finish. Lifetime Warranty.

503042 Fan Aluminum Backboard
Same construction as A0135 in natural aluminum finish. Lifetime Warranty.

A0133 Fan Aluminum Backboard
Same as A0135 but includes orange border and target. Lifetime Warranty.



A0267 72" x 42" Rectangular Steel Backboard with border and target—See page 4 for description. Not for use with 3½" O.D. or 4½" O.D. posts.

503033 72" x 42" Rectangular Perforated Steel Backboard
Ideal for windy areas. The 11-gauge steel skin is perforated with ¼" holes in a pattern to form border and target. Backboard includes a steel sub-frame for added strength. Not for use with 3½" or 4½" O.D. posts.



503035 54" x 42" Rectangular Polycarbonate Backboard
Gives the look of glass but constructed with ½" clear polycarbonate and framed with aluminum extrusions and steel corner brackets. Includes a steel sub-frame for added strength. White border and target. Not for use with 3½" O.D. posts.

503034 72" x 42" Rectangular Polycarbonate Backboard
This backboard features the same construction as the 503035 but in a larger competition size. Not for use with 3½" or 4½" O.D. posts.

Outdoor Backboard Padding

Outdoor backboard padding. Molded urethane construction. Padding secures to backboard with self-drilling screws. Fits most 48"-72" wide backboards.

506988—48" padding

506987—60" padding

506986—72" padding



Post Padding

Premium pole pad for outdoor posts. Foam pad (1½"-2" thick) with sewn vinyl cover. All-weather. Velcro® wrap around or Lace & Grommet attachment. Pole pad is 66" tall.

506980 Titan Post Pad—Velcro attached

506981 Slam Post Pad—Velcro attached

506982 Heavy-Duty (6" square) Post Pad—
Velcro attached

506983 Force Post Pad—Velcro attached

506984 Lace & Grommet Pad for 3½" to 4½" round

506985 Lace & Grommet Pad for 5¼" round



Goals

A0570 Stationary Goal
See page 5 for description.

A0572 Heavy-Duty Stationary Goal
See page 5 for description.

A0575 Double Rim Goal with Nylon Net
Goal has a dual rim made with ⅝" diameter and ½" diameter steel rods formed into 18" ID ring. Rim is reinforced with ⅞" diameter braces welded to the ring and mounting plate. Includes nylon net and mounting hardware.

A0579 Double Rim Goal with Chain Net
Same construction as A0575 but provided with chain net and hooks for net attachment.



503078 Super Playground Goal with Nylon Net
Constructed with double ⅝" diameter rings welded to a ⅝" box design gusseted backplate and rim support. Supplied with nylon net and mounting hardware. Lifetime Warranty.



503077 Super Playground Goal with Premium Chain Net
Same construction as 503078 but is supplied with zinc-plated 503076 Premium Steel Safety Net. Lifetime Warranty.



503079 Outdoor Breakaway Goal
Low maintenance design to stand up to outdoor use. Rim deflects down 15° when excessive load is applied to the front of the ⅝" diameter steel rim. Includes nylon net and mounting hardware.



Replacement Nets

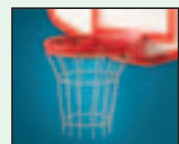
503046 Heavy-Duty Nylon Net
Braided nylon. Bright white.



503045 Heavy-Duty Anti-Whip Nylon Net
Braided nylon with stiffened upper loops to reduce net whip. Bright white.



503075 Chain Net
Chain net outperforms nylon nets. Resists wear, stretch, shrink and tangle. Heavy-duty S-hooks for attachment to goal.



503076 Premium Steel Safety Net
All links are welded into closed loops to virtually eliminate the risk of loose and dangling links. Extra heavy-duty S-hooks for attachment to any style goal. Premium Steel Safety Net is zinc plated.



Football Goalposts

5⁹/₁₆" Gooseneck Goalpost

DRAPER's heaviest goalpost comes in styles for high school and collegiate play. The Gooseneck has a 72" setback. Buries 48" in ground. Can be used with 505101 Ground Sleeve. It features an exclusive design for precise vertical and horizontal alignment and ease of installation.

The 5⁹/₁₆" O.D. schedule 40 pipe is bent and then powder coated. Features 3¹/₂" steel tube crossbar and 20' high, 2³/₈" diameter aluminum uprights. Goalposts ship in four pieces and are sold in pairs. Hardware included.

Model #	Description	Details
505125	Collegiate 5 ⁹ / ₁₆ " Safety Yellow	18'6" Between 20' Uprights
505124	Collegiate 5 ⁹ / ₁₆ " White	18'6" Between 20' Uprights
505123	High School 5 ⁹ / ₁₆ " Safety Yellow	23'4" Between 20' Uprights
505122	High School 5 ⁹ / ₁₆ " White	23'4" Between 20' Uprights

4¹/₂" Gooseneck Goalpost

An excellent value, DRAPER's 4¹/₂" O.D. goalposts bury 48" into the ground for stability or use 505100 Ground Sleeves for removable installation. Posts feature 60" setback and 20' aluminum uprights. Crossbars are 3¹/₂" steel tube. Goalposts ship in four pieces and are sold in pairs. Hardware included.

Model #	Description	Details
505121	Collegiate 4 ¹ / ₂ " Safety Yellow	18'6" Between 20' Uprights
505120	Collegiate 4 ¹ / ₂ " White	18'6" Between 20' Uprights
505119	High School 4 ¹ / ₂ " Safety Yellow	23'4" Between 20' Uprights
505118	High School 4 ¹ / ₂ " White	23'4" Between 20' Uprights

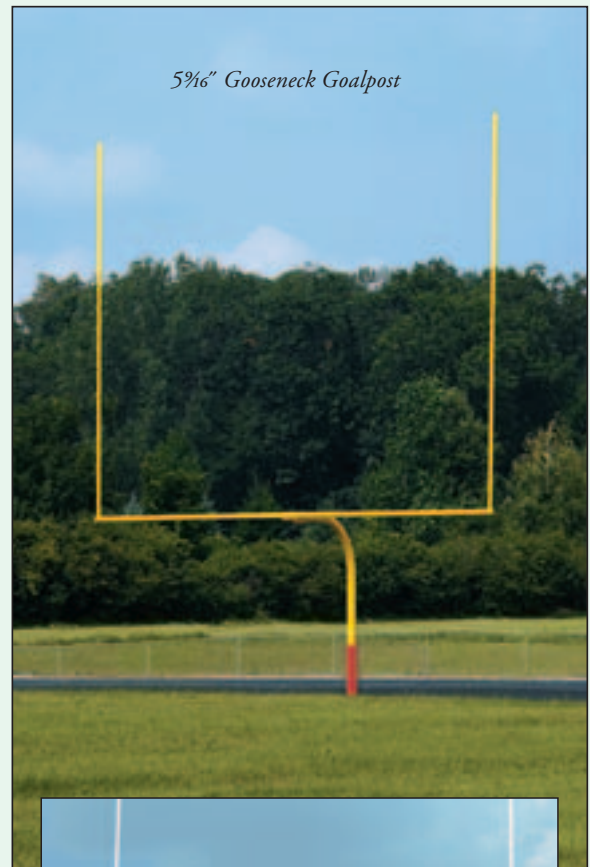
Combination Football/Soccer Goals for High School or College

505117, the goal can be easily changed to accommodate football or soccer. Change uprights for high school or college width. Soccer goal is official 24' x 8'. Goals are constructed of 4" square tube with a white powder coated finish. Posts bury 36" into ground. European style bolt-on soccer back stays. Order 505015 Soccer Net and 505008 Net Attachment Kit separately. Sold in pairs.

H-Style Galvanized Goalposts

505116, the most affordable DRAPER goalpost option, features 3¹/₂" heavy wall galvanized uprights and crossbars. Posts bury directly into the ground approximately 3'. Official 23'4" wide x 10' high uprights or crossbar can be 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.



5⁹/₁₆" Gooseneck Goalpost



4¹/₂" Gooseneck Goalpost



Combination Football/Soccer Goalpost

**All Draper Football Goalposts
Have a Three-Year Limited Warranty**

Soccer Goals

Portable Soccer Goals

DRAPER'S lightweight PORTABLE SOCCER GOALS have a full 4" square aluminum post and crossbar design. A unique corner attachment system allows for ease of installation and the elimination of all protruding hardware on the front and sides of goal. Features a white powder coated finish and full 3/4" edge radius for player safety. Backstays are 1 5/8" galvanized steel tube and provide a 4' top depth. Net clips hold the net securely to the face of the goal. Order nets with 4' top depth separately.

All DRAPER PORTABLE SOCCER GOALS come standard with built-in wheel kits for easy transport and ground anchor kits for player safety (see page 21).

Official 24' x 8' Competition Aluminum Portable Goals

505003—Meets all NCAA, FIFA and National High School Federation rules. Order **505015** nets separately.

Club 21' x 7' Aluminum Portable Goals

505002—Order **505014** nets separately.

Youth 12' x 6 1/2' Aluminum Portable Goals

505001—Order **505012** nets separately.



In-Ground Steel Soccer Goals

Sturdy, economical, and easy to install and secure with a corner attachment design. Can be permanently mounted in concrete or removable when used with **505009 Ground Sleeves**. All steel components feature phosphate and powder coating to withstand any weather. Order nets, optional backstays and ground sleeves separately. Posts are 4" square with 1/8" wall thickness, and a full 3/4" soft edge radius for safety.

Official 24' x 8' Competition Steel In-Ground Goals

505006—Meets all NCAA, FIFA and National High School Federation rules. Order **505016** nets separately.

Club 21' x 7' Steel In-Ground Goals

505005—Order **505013** nets separately.

Youth 12' x 6 1/2' Steel In-Ground Goals

505004—Order **505011** nets separately.

Optional European 4' Backstays

505007—Backstays can be mounted to all in-ground soccer goals. Backstays feature white powder coated finish and 1 5/8" diameter tube construction. When using backstays, a 4' top depth net is needed instead of those specified above (see chart below). Sold in sets of two backstays with mounting hardware.

Ground Sleeve for Steel In-Ground Soccer Goals

505009—Make DRAPER'S in-ground goals removable for multi-purpose fields by adding ground sleeves. Aluminum extrusions are 24" deep and adjustable at installation to fit any 4" square post. Steel caps keep out dirt and debris. Requires 30" deep x 8" minimum diameter ground excavation. Order two per goal; four per field.

Woven Knotless Soccer Nets

Although designed specifically for DRAPER soccer goals, these nets can be used on any goal with a 4' top depth or with a zero top depth. Nets are constructed of 3 mm polypropylene knotless netting with 4" square mesh. Nets are non-abrasive and follow the trend toward reduced mesh size for superior durability and safety. Each pair of nets comes with a mesh carry bag for easy transport or storage.



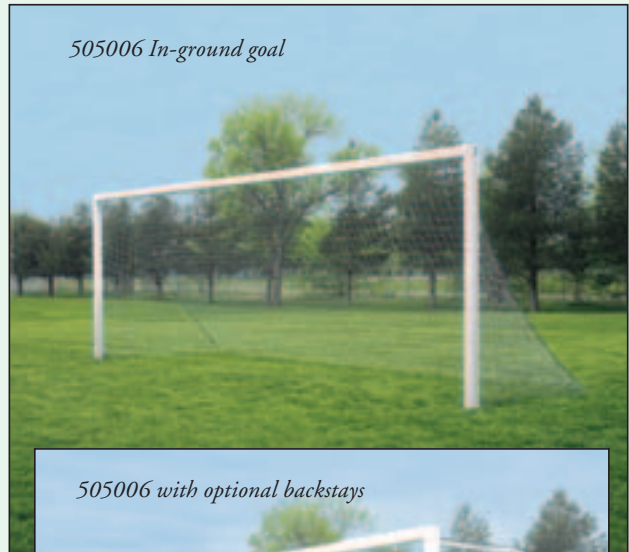
505003 Portable goal



Portable goal net clips



Built-in Transporter



505006 In-ground goal



505006 with optional backstays

Soccer Nets:

Model #	Width	Height	Top Depth	Top Depth
505015	24'	8'	4'	10'
505016	24'	8'	0'	8'
505014	21'	7'	4'	7'
505013	21'	7'	0'	7'
505012	12'	6 1/2'	4'	6 1/2'
505011	12'	6 1/2'	0'	6 1/2'

Football Accessories

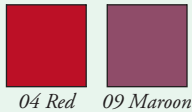
See page 19 for Football Goalposts.

Goalpost Padding

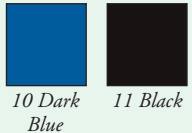
5051xx*—Super thick 5" foam covered with weatherproof vinyl in your choice of 12 school colors. Hook and loop strap closures. Protects players to a height of 72". Meets all NCAA and National High School Federation rules. Designed to fit all goal posts to 5⁹/₁₆" diameter and 4" square. *Last two digits indicate color of pads. See below for colors:



In Stock:

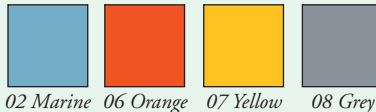


04 Red 09 Maroon



10 Dark Blue 11 Black

Special Order—Allow Four Weeks



02 Marine Blue 06 Orange 07 Yellow 08 Grey



12 Purple 13 Forest Green 14 Kelly Green 15 Navy Blue

Adjustable Height Ground Sleeves

The only goalpost sleeve to allow accurate adjustment of the crossbar height to official 10'. Use to remove gooseneck style goalposts on multi-purpose fields. Galvanized steel sleeve with 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.

505100—For 4¹/₂" diameter goalposts.

505101—For 5⁹/₁₆" diameter goalposts.

See page 20 for Soccer Goalposts and Nets.



Soccer Accessories

Soccer/LaCrosse Goal Ground Anchor Kit

505010—Auger-type anchors designed for 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. Set of four (use two per goal) provided with all aluminum portable goals.



Soccer Net Attachment Kit

505008—Includes double-sided hook and loop straps and ground stakes for installation of net on any soccer goal without built-in hooks. Strapping and stakes for attachment of two nets to two goals. Also, includes storage bag.

Soccer Post Padding

505008—Protect soccer players from contact with corner posts. Vinyl covered foam pad. Compact 1" thick padding is 72" high. Velcro attachment. Sold in kits to protect one goal. Order 2 kits per field.

Lacrosse Goal with Net



505035—LACROSSE GOAL is manufactured with heavy-gauge 1³/₄" galvanized steel tubing. Tubing is finished with durable official orange powder coat. Goal opening measures 6' x 6' with a 7' rear taper. Frame is in two sections for fast assembly and to allow for easy storage. Goal is supplied with high-grade net made from 60 ply white nylon with 1¹/₂" square openings and lacing cord for net attachment. Sold in pairs. Use of anchoring kit recommended.

505010 Outdoor Anchor Kit—order kits separately.

505036 Indoor Anchor Kit—order kits separately.



Field Hockey Goal



505030—DRAPER'S FIELD HOCKEY GOAL is official sized and measures 7' h x 12' w x 4' d. The front frame is constructed of 2" x 1" heavy-gauge aluminum tube that has been painted with a durable white enamel finish. Backstays and top stabilizing bars are made of 1³/₈" O.D. galvanized steel tubing. These goals are approved by the USFHA and NFHS and are provided with 18" wood bottom boards and official 2.5 mm black nylon net. Sold in pairs.



Tennis Systems



502106 Power Tennis System

DRAPER'S POWER TENNIS SYSTEM is your best choice for exterior wind posts. POWER TENNIS SYSTEM has an all aluminum crank that will never rust. Winch handle is removable. Posts are constructed with $3\frac{1}{2}$ " O.D., 11 gauge, galvanized tube that is finished with electrostatically applied black enamel. Posts feature an aluminum cap with an aluminum pulley to permit cable to feed over the post.

502108 Championship Tennis System

DRAPER offers the most durable, attractive and user-friendly tennis post available. These high-end 3" square x 60" posts include an internal net tensioner with ample cable take-up capacity and a winding mechanism designed for heavy loads without fear of binding. Winding mechanism works with a $\frac{1}{2}$ " socket. Posts finished with electrostatically applied black enamel and feature lacing rod.

DRAPER'S TENNIS SYSTEMS are supplied with 502100 heavy-duty net made with 3.0 mm hollow braid polyethylene twine, 36 oz. single layer vinyl head band sewn with 4 rows of lock stitch. Bottom and side tapes are extra wide, abrasion resistant 18 oz. vinyl with brass grommets. All vinyl bands are treated with UV and mildew inhibitors. Net has $\frac{1}{2}$ " fiberglass end dowels and $\frac{5}{32}$ " x 46' vinyl coated galvanized aircraft top cable.

Tennis Systems also provided standard with a 502111 polyester center strap and 502112 ground anchor. Post can be used indoors or outside and can be direct buried or used with optional ground sleeves.

505324— $3\frac{1}{2}$ " x 24" Steel Ground Sleeve with neoprene seal cap.

502115—3" x 24" PVC Ground Sleeve



Volleyball Systems



Championship Outdoor Aluminum Volleyball System

505501—Height adjustable posts are constructed from specially designed heavy-wall aluminum extrusions. Lightweight aluminum materials make set up and tear down easy. Post is finished with durable white powder coat. Net height is adjustable from 42" to 96" for all levels of competition. Easy to read height indicators on both posts. Backlash-free worm gear top rope tensioner provides superior net tension for ball rebound preferred by players and coaches. Net measures official sized 32' x 39" and features a $\frac{1}{4}$ " Kevlar top cable, $\frac{3}{8}$ " bottom rope and white top, bottom and side tapes.

Options:

505309— $3\frac{1}{2}$ " x 9" Steel Ground Sleeve with neoprene seal cap.

505310—Sand/Beach Installation Kit.

Outdoor Steel Volleyball System

505510—OUTDOOR VOLLEYBALL SYSTEM is manufactured using $2\frac{3}{8}$ " O.D. galvanized tubing. Tubes are 10' long and have end plugs to prevent water and moisture collection. System provided with #21 all-weather nylon official-sized net and winch with removable handle.



Tetherball System



505201 TETHERBALL SYSTEM consists of a post constructed of $2\frac{3}{8}$ "-13-gauge galvanized tubing, a 5-ply yellow rubber covered ball with nylon wound butyl bladder and reinforced, recessed rope attachment and braided nylon rope. Overall length of post is 11'6" to allow for 18" to be set in concrete footing or optional ground sleeve. Bottom of post notched to prevent rotation in footing and/or ground sleeve.

Options:

505318— $2\frac{3}{8}$ " x 18" Ground Sleeve with neoprene seal cap.

505202—Replacement tetherball with rope.



Park & Player Benches



Permanent Park Benches

DRAPER PARK BENCHES are available in many styles and offer many options to meet your specific needs. These benches feature a sturdy and contoured back for maximum comfort. DRAPER PARK BENCHES are available in lengths of 6', 8' and 15'. Frames are constructed with 2 $\frac{3}{8}$ " O.D. tubing and are hot dipped galvanized or finished with black powder coat. Choose your planking from cedar colored recycled plastic, aluminum or thermoplastic coated expanded metal in choice of three colors.



Permanent Park Benches

	6'	8'	15'
Galvanized Frame w/Cedar Colored Recycled Plastic Planks	507164	507184	n/a
Black Powder Coat Frame w/Cedar Colored Recycled Plastic Planks	507264	507284	n/a
Galvanized Frame w/Extruded Aluminum Planks	507165	507185	507155
Black Powder Coat Frame w/Extruded Aluminum Planks	507265	507285	507255
Galvanized Frame w/Thermoplastic Coated Expanded Metal Planks	50716X	50718X	50715X
Black Powder Coat Frame w/Thermoplastic Coated Expanded Metal Planks	50726X	50728X	50725X

X—last digit indicates color: 1 Red; 2 Blue; 3 Black



Portable Park Benches

Same quality construction as our permanent park benches with a design to allow portability. Ideal for indoor or outdoor use. Frames for portable benches feature 2 $\frac{3}{8}$ " horizontal feet and 1 $\frac{1}{16}$ " lateral braces to increase stability. Feet are provided with rubber pads to protect floors and playing surfaces.



Portable Park Benches

	6'	8'	15'
Galvanized Frame w/Cedar Colored Recycled Plastic Planks	507364	507384	n/a
Black Powder Coat Frame w/Cedar Colored Recycled Plastic Planks	507464	507484	n/a
Galvanized Frame w/Extruded Aluminum Planks	507365	507385	507355
Black Powder Coat Frame w/Extruded Aluminum Planks	507465	507485	507455
Galvanized Frame w/Thermoplastic Coated Expanded Metal Planks	50736X	50738X	50735X
Black Powder Coat Frame w/Thermoplastic Coated Expanded Metal Planks	50746X	50748X	50745X

X—last digit indicates color: 1 Red; 2 Blue; 3 Black



Player Benches

DRAPER PLAYER BENCHES are available in portable or permanent models and in lengths of 6', 8' and 15'. Frames are constructed with 2 $\frac{3}{8}$ " O.D. tubing and are hot dipped galvanized or finished with black powder coat. PORTABLE PLAYER BENCHES feature 2 $\frac{3}{8}$ " horizontal feet with rubber floor protection pads and 1 $\frac{1}{16}$ " lateral braces to increase stability. Choose your seating surfaces from cedar colored recycled plastic, aluminum or thermoplastic coated expanded metal in choice of three colors.



Permanent Player Benches

	6'	8'	15'
Galvanized Frame w/Cedar Colored Recycled Plastic Planks	507564	507584	n/a
Black Powder Coat Frame w/Cedar Colored Recycled Plastic Planks	507664	507684	n/a
Galvanized Frame w/Extruded Aluminum Planks	507565	507585	507555
Black Powder Coat Frame w/Extruded Aluminum Planks	507665	507685	507655
Galvanized Frame w/Thermoplastic Coated Expanded Metal Planks	50756X	50758X	50755X
Black Powder Coat Frame w/Thermoplastic Coated Expanded Metal Planks	50766X	50768X	50765X

X—last digit indicates color: 1 Red; 2 Blue; 3 Black

(Above) Permanent Player Bench
(Below) Portable Player Bench

Portable Player Benches

	6'	8'	15'
Galvanized Frame w/Cedar Colored Recycled Plastic Planks	507764	507784	n/a
Black Powder Coat Frame w/Cedar Colored Recycled Plastic Planks	507864	507884	n/a
Galvanized Frame w/Extruded Aluminum Planks	507765	507785	507755
Black Powder Coat Frame w/Extruded Aluminum Planks	507865	507885	507855
Galvanized Frame w/Thermoplastic Coated Expanded Metal Planks	50776X	50778X	50775X
Black Powder Coat Frame w/Thermoplastic Coated Expanded Metal Planks	50786X	50788X	50785X

X—last digit indicates color: 1 Red; 2 Blue; 3 Black



Bike Racks



Loop Style Bike Racks

DRAPER LOOP STYLE BIKE RACKS offer a clean and contemporary looking answer for bike storage. LOOP STYLE BIKE RACKS are fabricated from 2 $\frac{3}{8}$ " O.D. galvanized tubing and are available for permanent or surface mount installations.



	Permanent Style	Surface Mount Style
3 Loop Bike Rack	505313	505323
5 Loop Bike Rack	505315	505325
7 Loop Bike Rack	505317	505327
9 Loop Bike Rack	505319	505329

Traditional Style Bike Racks

DRAPER TRADITIONAL STYLE BIKE RACKS offer a design that groups rungs to facilitate uniform storage and allow for easier entrance and exit of bicycles. Bike racks are constructed with a frame from 1 $\frac{5}{8}$ " O.D. galvanized tubing and $\frac{5}{8}$ " O.D. galvanized rungs. Bike racks are assembled using galvanized heavy-gauge stampings. Single-sided and double-sided racks and add on units available to create longer bike racks for your specific requirements. Rack capacity is one bicycle per foot per side.



	Single Sided	Double Sided
5' Rack	n/a	505345
5' Add On Rack	n/a	505344
8' Rack	505338	505348
8' Add On Rack	505337	505347
10' Rack	505330	505340
10' Add On Rack	505339	505349

Tip and Roll Bleachers

DRAPER TIP AND ROLL BLEACHERS are designed for outdoor or indoor use and are ideal for locations where only temporary seating is required. Welded frame is constructed with aluminum angles and planking is 2" x 10" extruded 6063-T6 aluminum. Each unit has three rows of seating and includes 5" casters and wood pads to prevent scuffing or marking of floors.



- 507995—9' long, 3 rows
- 507955—15' long, 3 rows



The McGraw-Hill Construction Information Group, publishers of Sweet's, has awarded Draper its "Best in Sweet's—Most Outstanding Marketplace Program (Print and Electronic)" award, as part of the 2005 Sweet's Marketplace Awards. Draper also received honorable mention for Best Electronic Program. According to Sweets, "Winners in this category represent the finest examples of marketing in the construction Marketplace. Utilizing print and electronic programs, they create a complete, easy-to-use resource for industry professionals."



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