

ATHLETIC EQUIPMENT

INDOOR & OUTDOOR ATHLETIC EQUIPMENT

BASKETBALL BACKSTOPS

BASKETBALL BACKBOARDS AND GOALS

GYMNASIUM WALL PADS

VOLLEYBALL SYSTEMS

PHYSICAL EDUCATION EQUIPMENT

SOCCER GOALS

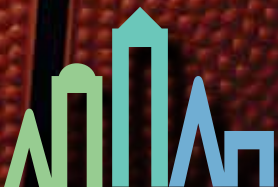
FOOTBALL GOALS

TENNIS SYSTEMS

BIKE RACKS

PLAYER BENCHES

FLOOR PROTECTION COVERS



DRAPER[®]

ABOUT DRAPER

Draper is the largest manufacturer of gymnasium equipment in North America, providing a full range of products for replacement/renovation products for your gymnasium.

Draper employs high-tech manufacturing methods utilizing precision equipment like CNC controlled high definition plasma cutters, numerically controlled benders and robotic welders. All manual and robotic welding is done in precision jigs and fixtures to insure proper fit and alignment.

Products found in this catalog include:

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RENOVATING WITH DRAPER



Tri Jr.-Sr. High School, Straughn, IN after renovation with new Draper gymnasium equipment

Draper, Inc. specializes in the design and manufacture of top quality, state-of-the-art athletic equipment to assist you in making your gym safe and in game-ready condition. Draper is proud to offer a wide variety of products to renew, repair and restore your existing facility. New backboards, goals, edge pads, a new volleyball system or colorful new wall pads can revive and rejuvenate your tired gym.

Manufacturers recommend that gymnasium equipment be inspected annually for safety and to ensure proper operation. Lifting systems including winches, cables and pulleys, as well as safety straps, pivot points or any other moving component should be carefully reviewed by trained experts, who can identify any areas of concern.

Let your local member of the Draper team of quality dealers help you determine what should be repaired, replaced or added to insure your facility provides your players and students the highest level of safety.

Please call or contact your local Draper gym equipment dealer, or visit our web site at www.draperinc.com.



New basketball equipment in use at a home game



Old backboard prior to renovation

PORTABLE BASKETBALL SYSTEMS

503019 EZ-Sharpshooter 96" Portable Backstop

Draper's EZ-Sharpshooter 96 is our portable backstop designed to succeed at high levels of competition. EZ-Sharpshooter 96 is 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. Backstop features 96" extension from padded front to face of the backboard, official sized glass backboard, 180° breakaway goal, bolt on edge padding and rear anchoring system to meet NFHS and NCAA rule requirements. Goal height is adjustable from 7' (213cm) to 10' (305cm) in 6" (152mm) increments for players of all ages. Comes complete with all necessary ballast installed and hidden from sight. Rolls easily on six 8" (152 mm) diameter, non-marking, non-skid casters



503018 EZ-Sharpshooter 66" Portable Backstop

EZ-Sharpshooter 66 is an affordable choice when you want a competition-look portable backstop, but don't have room for a full size unit. Low maintenance extension spring technology design makes one-person setup and height adjustment easy and fast. Backstop features 66" extension from padded front to backboard, official sized glass backboard, breakaway goal and bolt-on edge padding. Front and sides padded with 2" thick polyurethane foam wrapped in choice of 12 colors of vinyl. Bolt-On Edge padding color matches base pad color. Goal height is adjustable from 7' (213cm) to 10' (305cm) in 6" (152mm) increments for players of all ages. Rolls easily on four x 8" (152 mm) diameter, non-marking, non-skid casters. Comes complete with all necessary ballast installed and hidden from sight. Optional rear anchor available.



Portable Basketball Accessories

Rear Anchor Kit—503010

For use on **503018** and **503016** portable backstops to securely attach backstop to floor to eliminate any chance of tipping.

Shot Clock Brackets—503011

Add single-sided shot clocks to portable backstops with these nearly universal brackets designed specifically for Draper Portable Backstops.

DRAPER'S ECOVISION

Draper's dedication to sustainable manufacturing and our role in corporate citizenship has led to the development of our EcoVision range of products. Products bearing the EcoVision name utilize materials that meet or exceed the stringent requirements for GREENGUARD Children and SchoolsSM certification. Draper is the first manufacturer to receive GREENGUARD Children and SchoolsSM Certification for gymnasium equipment. This means that our certified products meet the strictest off-gassing standards and contribute to a safer and healthier indoor environment for school age children.

The Draper EcoVision range of products include projection screens and window shades. EcoVision products in this catalog include Gymnasium Wall Pads—see page 10.

For more information about Draper's environmental efforts, please visit:

www.draperinc.com/go/Green/



WALL-MOUNTED BASKETBALL BACKSTOPS

DUW Up-Folding Basketball Backstop

- Folds upward to nearly flat against the wall.
- Steel tubing frame system.
- Two ¼" welded-link chains support unit in play position.
- Manual or electric winch operated.
- Frames have black or white powder coat finish.
- 25-year limited warranty.



Photography: Wayne Williams, Indianapolis, IN. Shown above folded up against the wall.

DGW Side-Folding Basketball Backstop

- Folds nearly flat against the wall to either side.
- Steel tubing frame system.
- Telescopic diagonal brace locks backstop in the play or stored positions. Threaded pin releases diagonal locking brace.
- Available with electric actuator to fold backstop.
- Frames have black or white powder coat finish.
- 25-year limited warranty.



Photography: Rich Sistos, Itasca, IL.



DGW-E Side-Folding Basketball Backstop

- Same quality design as the DGW Backstop shown above, but operates electrically using a 115 volt linear actuator with integral limit switches.

SW Stationary Wall Mounted Basketball Backstop

- Steel tubing frame system.
- For units over 3' from the wall or with a height adjuster, a pair of ¼" chain supports are added.
- Frames have black or white powder coat finish.
- 25-year limited warranty.



Photography: Wayne Williams, Indianapolis, IN.

SWD Stationary Wall Mounted Basketball Backstop

- Stationary wall mount.
- Direct-mount goal brace.
- Frames have black or white powder coat finish.
- 25-year limited warranty



Photography: Barry Champagne, Houston, TX.

CM Stationary Column Mounted

- Practical solution for side courts or shooting stations in metal buildings.
- May be mounted to most straight or sloped columns with exposed flange.
- For use with Fan Shaped Backboards only.
- Available with or without Height Adjuster.
- Draper recommends padding column to which CM is attached.
- Frames have black or white powder coat finish.
- 25-year limited warranty.

BACKBOARD HEIGHT ADJUSTERS

Information about the support structure and backboard are required to insure that correct height adjuster hardware is provided. Contact Draper for details and worksheets indicating required information. Not all support structures and backboards are compatible with Draper height adjusters.

Direct Mount 8'–10' Height Adjusters For Backboards

Allow 24" of travel to raise or lower rectangular or fan-shaped backboards and goals.

Features direct goal attachment.

Include a self-adhesive height scale graduated in 1" increments and labeled at 6" intervals.

All Draper backboards have a limited lifetime warranty when used with our height adjuster.

Manual Height Adjuster

Operated with a removable awning-style crank handle and actuated via a 3/4"–6 Acme threaded rod. Its actuator rod assembly bolts in place and can be removed for conversion to electric operation.

Motorized Height Adjuster

Electric linear actuator provides smooth reversible motion.

Linear actuator includes cam style limit switches that allow 24" of travel.

Linear actuator assembly is bolted in place and easily removed for conversion to manual operation.



Height Adjuster	6" Mast, Double Drop or Wall Mount	6 5/8" Mast
Manual for Rectangular Backboards	503092	503192
Manual for Fan Backboards	503094	503194
Motorized for Rectangular Bank with Key Switch Control	503093	503193
Motorized for Fan bank with Key Switch Control	503097	503197
Motorized for Rectangular Bank with Wireless Remote Control	503095	503195
Motorized for Fan bank with Wireless Remote Control	503098	503198
Motorized for Rectangular Bank with EZ Stick Power Wand Control	503096	503196
Motorized for Fan bank with EZ Stick Power Wand Control	503099	503199



Portable Height Adjuster Operator—503003

A compact, cordless, reversible electric operator for use with the Manual Height Adjuster. Allows for safe and easy operation.

INDOOR BASKETBALL BACKBOARDS



Rectangular Glass 72" x 42" Basketball Backboard—503136

Fully tempered ½" glass with official white target and border permanently fired into glass. Frame constructed of extruded aluminum with a clear anodized finish. Used only for backstop structures with direct goal attachments. Indoor use only.



EZ Strut Bank 72" x 42" Basketball Backboard—503138

Fully tempered ½" glass with official white target and border permanently fired into glass. Frame constructed of extruded aluminum with a clear anodized finish. Additional vertical strut relieves 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. Indoor use only.



Rectangular Glass 72" x 42" Conversion Basketball Backboard—503139

Fully tempered ½" glass with official white target and border permanently fired into glass. Extruded aluminum frame has a clear anodized finish. Designed to replace fan shaped backboards, with all required conversion framework attached to backboard. Incorporates a horizontal member which bolts to goal for maximum strength. Indoor use only.



Downsize Rectangular Glass 54" x 40" Basketball Backboard—503137

Compact size for smaller gymnasiums. Fully tempered ½" glass with official white target and border permanently fired into glass. Frame constructed of extruded aluminum with a clear anodized finish. Indoor use only.



Rectangular Fiberglass 72" x 42" Basketball Backboard—503144

White backboard is fabricated with double ⅜" shell over resin-treated honeycomb core. Target and borders 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. Indoor or outdoor use.



Rectangular Steel 72" x 42" Basketball Backboard—503167

Constructed of one-piece 12 ga. steel reinforced with formed steel channel sections at goal and mounting points. Finished with primer and outdoor white enamel. Fan mounting dimensions. Indoor or outdoor use.

48" Replacement Backboards

Draper offers a full line of 72" x 48" glass backboards for replacement where it is required to match existing backboards. Offering includes:

72" x 48" Glass Backboard for direct goal attachment—503152

72" x 48" EZ Strut Glass Backboard for four-corner mounting—503156

INDOOR BASKETBALL BACKBOARDS



Fan Glass 54" x 39" Basketball Backboard—503150

Constructed of high strength aluminum frame and ½" fully tempered glass. Official white target and border are permanently fired into glass. Indoor use only.



Fan Fiberglass 54" x 39" Basketball Backboard—503148

Constructed of high quality resins and fiberglass for years of maintenance-free service. Target and borders are applied with high gloss gel coat. Indoor or outdoor use.



Fan Aluminum 54" x 35-1/2" Basketball Backboard—503143

White, solid die-cast aluminum with reinforcing ribs for added strength. White powder coat finish and lifetime warranty. Includes orange border and target. Indoor or outdoor use.

INDOOR BASKETBALL GOALS



180° Breakaway Goal—503040

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. 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. Fits both 48" and 42" bank. Meets NCAA and NFHS specifications.



Tube Tie Breakaway Basketball Goal—503581

Adjustable tension breakaway goal with tube tie net attachment system. Fits both 48" and 42" bank. Tube Tie Design. 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. Meets all NCAA, NFHS and FIBA specifications.

Breakaway Basketball Goal—503576



Official breakaway goal withstands shock loads due to a player slam dunking and/or hanging on the rim. Fits 48" and 42" banks. 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 with 12 "no tie"

net attachment clips welded to the rim. Complete with mounting hardware and nylon anti-whip net. Meets all NCAA and NFHS specifications.

Heavy-Duty Stationary Goal—503572



Heavy-duty model with a 5/8" diameter steel support brace to withstand up to 800 lbs. Official competition goal. Fits both 48" and 42" bank. Rim is 5/8" diameter steel with twelve "no tie" net attachment clips welded to the rim. Complete with mounting hardware and heavy-duty net. Meets all NCAA and NFHS specifications. For indoor or outdoor use.

BACKSTOP ACCESSORIES AND CONTROLS

503285 Motorized Winch

- Sealed oil bath gear box with all metal gears with ¾ hp direct drive motor
- Entire Winch Assembly is UL listed
- Delivers 1,250 lbs. (567kg) of vertical line pull and holds backstop in any position
- Automatic limit switches control travel distance in either direction
- Grooved cable drum and pressure roller ensure proper cable spooling
- Operated with standard 3 position momentary contact key switch or any Draper Control System
- Five-year warranty



- For backstops with attachment heights under 26' (792cm)
- Features maintenance-free sealed gear case with a 40:1 worm gear ratio to provide 1,000 lbs (454 kg) vertical lifting capacity
- The cable drum has a 4" (102mm) diameter and is grooved for 1/4" (6mm), 7 x 19 aircraft cable to provide proper spooling
- Cable drum is enclosed by removable cover
- Winch can be operated with standard removable handle or optional 503249 Electric Portable Operator
- Five-year warranty



503229 Aut-O-Loc 2™ Safety Strap

Safety Straps are recommended on all folding backstops.

- Designed to engage instantly whenever a cable or supporting structure fails
- Actuated by speed or inertia to stop load from falling due to a sudden failure or any increase in speed
- Rated for a 1,000 lbs (453kg) load and will withstand a 1,750 lbs (794kg) without any component failure
- Includes maximum extension indicator and breakaway loop to indicate engagement
- Five-year warranty



503249 Portable Operator

- A compact heavy-duty reversible electric operator for use with 503286 manual winch
- Optionally available with 503048 Fifty Foot Power Cord



503060 EZ Power—Wireless Remote Control

Eliminate wall boxes and individual key switches. EZ Power Wireless Remote Control capable of operating up to individual electric motor winches. 99

- Operating range is approximately 100'
- Requires item 503061 99-station Transmitter.



Backboard Edge Padding

Draper recommends all rectangular backboards be fitted with edge padding to meet rule requirements. Three styles to choose from:



5032XX*—Bolt-on Padding

Available in 12 colors

- Bolts onto lower edges of backboard. It has a molded-in steel track and an eight-year warranty on indoor installations.



Colors shown above are approximate.

*(XX - indicates color)

503286 Manual Winch

FLOOR PROTECTION COVERS



Let Draper help you make better use of your athletic facility while protecting your investment in the gymnasium floor.

Draper floor covers protect your playing surface from street shoes, chair and table legs as well as spills when the facility is being used for purposes other than athletic competitions. Draper floor protection covers are high-quality 22 oz. laminated vinyl materials with polyester scrim for extreme durability. Floor Cover is resistant to rot, mildew, fungus and fade from exposure to ultraviolet light, rated as self extinguishing per the California State Fire Code and Class-A rated in accordance with requirements of NFPA 101. Floor protection covers are sold in 10' wide panels and are available in lengths up to 120'. Covers are available in your choice of four attractive colors – Green, Blue, Gray and Beige.

Floor Protection Cover Storage Cart

6 Roll Cart—502499 8 Roll Cart—502500

Combine your gym floor cover with Draper's storage cart to make protecting your playing surface fast and easy. This storage cart has many features that make it both convenient and safe. Cart will store up to 8 floor cover sections on zinc coated roller tubes that operate on carriers featuring four roller bearings. Each drive tube is fully enclosed at each end to eliminate chance of tubes popping out. Storage cart includes six 6" non-marking swivel casters to distribute load across a large area, plus two step-style floor locks for safety during use. Cart is designed to fit through standard single door and includes storage trays at each end for attachment clips, cranks, winder and other accessories.



Power Winder—502550

Quickly and easily roll up your floor protection cover using Draper's power winder with your storage cart. Power winder is a hand-held powerful portable power drive featuring a ½ HP 115 volt motor, heavy-duty fiberglass reinforced housing, comfortable handles and drive adaptor.

Sweeper Strip—502520

Clean your floor protection cover while you roll it on to the storage cart. This optional feature attaches to the front of your cart and removes debris with durable nylon brushes.

Storage Rack Cover—5025XX*

This attractive 14oz. vinyl cover dresses up your rack when not in use. Cover keeps your cart and floor protection cover clean and prevents people from climbing or damaging your investment during storage. Available in 15 attractive colors. *XX indicates color.

Tape and Dispensers—Reduce trip hazards and make your floor cover more watertight by taping seams and edges with this 3" wide nylon tape. Apply with hand-held or walk behind applicators.

Handheld Dispenser – 502531

Walk-Behind Tape Dispenser – 502532

Seaming Tape - 3" wide x 36 yards in length (Carton of 16)—502533

ECOVISION WALL PADS



Draper EcoVision™ Wall Pads are GREENGUARD Children & SchoolsSM certified and meet or exceed the requirements of ASTM F 2440-11, Standard specification for indoor wall padding.

Only Draper offers a full-line of wall pads that provide maximum player protection and that are manufactured using materials that contribute to a safer and healthier indoor environment for school age children. All Draper wall pads meet ASTM F2440-11 standard specification for indoor wall padding and have been certified to meet the strictest indoor air quality standards, GREENGUARD Children and SchoolsSM. Wall pads should be installed on rigid surfaces that are within ten feet of activity areas.

Draper wall pads are constructed with urea-formaldehyde free oriented strand backer boards bonded to high IFD flexible foam cushioning materials. Foam is available in a variety of thickness to meet any project specification. Pads are fully wrapped with attractive and durable 14 oz. vinyl-coated polyester covering enhanced by a leather-like emboss pattern. Pads can be made in virtually any shape or size to cover corners, columns, beams, doors and stages. Pads can be provided with a variety of attachment methods.

EcoVision Wall Pads

Provide maximum impact protection for activity areas, meet ASTM F2440-11 standard specification and are GREENGUARD Children and SchoolsSM certified.

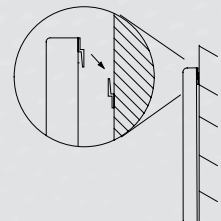


EcoVision Class-A Flame Retardant Wall Pads

Same impact protection, GREENGUARD Children and SchoolsSM certified materials, and the added benefit of enhanced flame resistance. These pads have been tested as a singular unit and given a Class-A rating in accordance with ASTM-E84 and NFPA 255 test procedures. Draper Class-A pads also meet the requirements of NFPA 286 standard methods of fire test for evaluation contribution of wall and ceiling finish to room fire growth.

Mounting options available:

- 1" fabric wrapped nailing lips at top and bottom (Standard)
- "Z"-Clips at the top and bottom for wall mounting pads. Edges of 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



GRAPHIC WALL PADS

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

- Large format 4-color process printing utilizes UV cured inks—excellent adhesion.
- Printing is highest quality—images are not silk-screened or made with vinyl tape.
- Art is sharp and clear from any distance
- Available for standard and Class A Flame Retardant Wall Pads.
- Images are printed on 14 oz. vinyl coated polyester with a leather-like emboss so it perfectly matches adjacent non-graphic pads.
- Over 1000 images to choose from, or custom artwork is available. All designs are sent to the client for final approval prior to printing.

Wall Pad Cut-Out Trim Kit

Draper Wall Pad Cut-Out Trim Kit provides a neat and clean answer to accessing receptacles and switches. Simply make the necessary field cut-out then insert and staple the molded rubber trim kit. Manufactured from fire-resistant molded rubber and sized to accommodate any wall pad with the standard 2 $\frac{1}{16}$ " thickness. Wall Pad Cut-Out Trim Kits are available in gray or black and in two sizes—3" x 5" for single switches or receptacles or 7" x 7" for double gang electrical boxes and standard sized fire alarms.



Gray, single switch—504690

Black, single switch—504691

Gray, double switch—504700

Black, double switch—504701



Patriot Motorized Flag

This unique 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 as pictured here (500101) or horizontally (500102). Flag measures 12' x 18' with both mountings. The vertical or banner flag is housed in a 14'10" case, and the horizontal flag is housed in a 20'10" case.



ELITE VOLLEYBALL SYSTEM (EVS)



Photography: Wayne Williams, Indianapolis, IN.

EVS incorporates an internal spring assist mechanism to allow for easy, precise and infinite height adjustment.

The EVS Elite Volleyball System is Draper's top of the line volleyball system designed for today's premier volleyball programs. EVS incorporates an internal spring assist mechanism to allow for easy, precise and infinite height adjustment. EVS easily locks in place with a pressure lock hand knob and post is clearly marked at normal competition heights.

Each EVS post has a 6' lower section constructed of 3½" diameter schedule 80 aluminum tubing, an upper section made of 2⅞" O.D. aluminum tubing with .300" wall thickness. Each upright features an adjustable rubber foot for fine adjustments and protection of your court. Winch features a folding handle to provide maximum player safety.

EVS is available with **Flex-Net™ Upgrade Kit**—upgrade your volleyball system to the Flex Net to spend time practicing, not setting up your net. See page 17.

EVS Features:

- Meets all NFHS, USA Volleyball, NCAA and FIVB requirements for competition equipment.
- Infinite height adjustment from 6' to 8'4".
- High maneuverability—Lightweight and easy to handle.
- Attractive anodized aluminum finish.
- Secure cast-in-place 3½" I.D. floor sleeves with choice of flush cover plates provide rigid support for life of installation.
- Tensioning winch is a heavy-duty, self locking, worm gear mechanism. A heavy 2" wide, high tensile strength, nylon strap with heavy-duty hook eliminates the possibility of hooks breaking and guarantees safe connection to the net-top cable.
- Easy storage—Can be hung on a wall with hooks, stored on optional transporter or tucked away in a closet.
- Heavy-duty construction. Built for years of trouble-free service and intense use.

Single Court System—500041

Telescopic Standards—One pair of uprights. A power winch is located on the outside of one post. Second upright is equipped with an adjustable cable anchor collar.

Power Volleyball Net—500004 One each.

Rope Tensioner—500005 One each.

Combination Antenna/Boundary Markers—500016 One pair.

Two Court System—500042

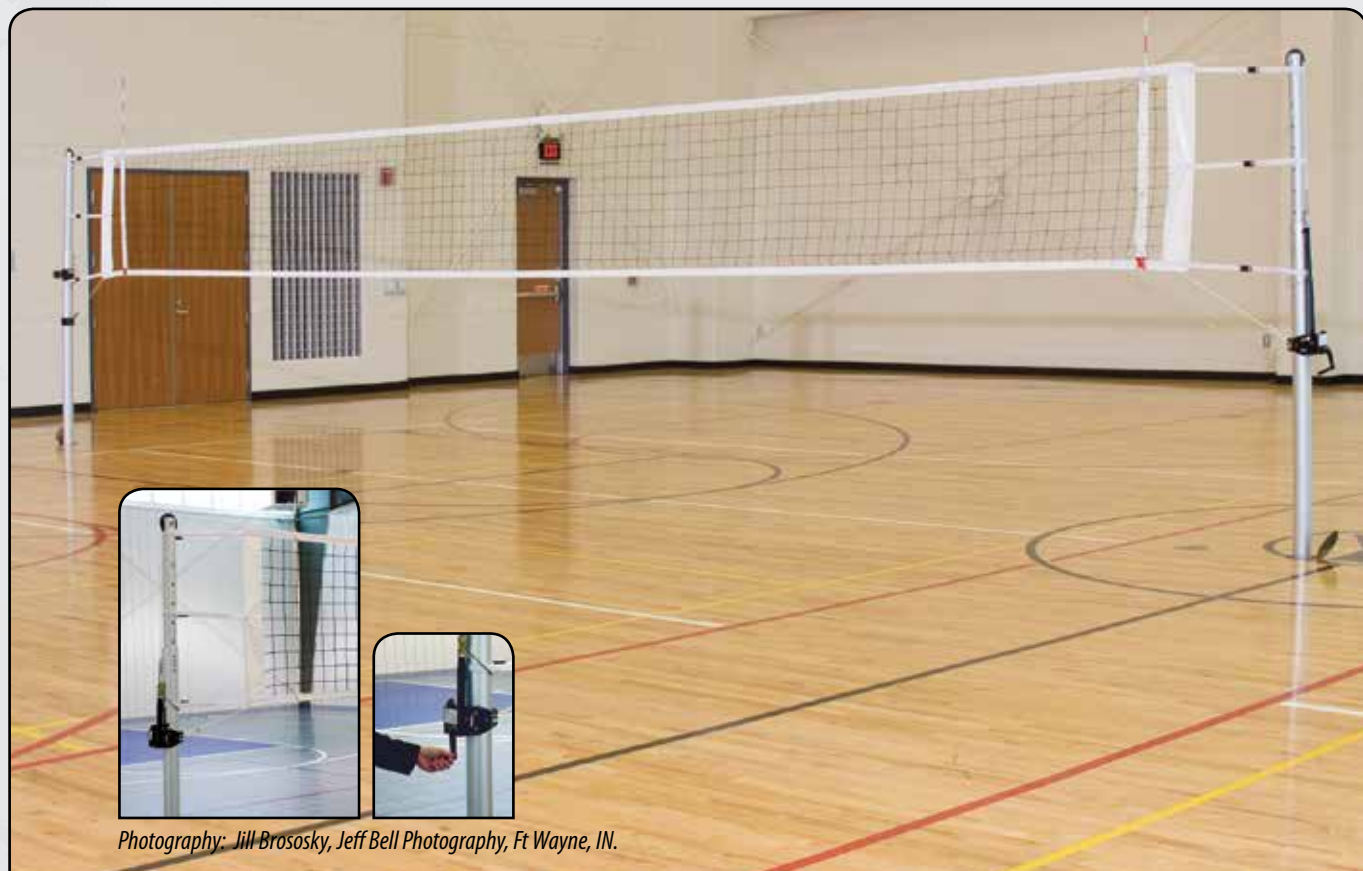
Telescopic Standards—Three uprights. Power winch is located on outside of two posts. Center upright is equipped with double top pulleys and adjustable cable anchor collar for attaching two nets.

Power Volleyball Net—500004 Two each.

Rope Tensioner—500005 Two each.

Combination Antenna/Boundary Markers—500016 Two pair.

POWER VOLLEYBALL SYSTEM (PVS)



Photography: Jill Brososky, Jeff Bell Photography, Ft Wayne, IN.

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

The all-aluminum PVS floor-sleeve type volleyball system is engineered for a lifetime of hard use.

Each post is manufactured with high-strength 3½" 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.

PVS is available with **Flex-Net™ Upgrade Kit**—upgrade your volleyball system to the Flex Net to spend time practicing, not setting up your net. See page 17.

PVS features:

- Meets all NFHS, USA Volleyball, NCAA and FIVB requirements 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 3½" I.D. floor sleeves with choice of flush cover plates provide rigid support for 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.

Single Court System—500001

Telescoping Aluminum Standards—One pair of uprights. A power winch is located on the outside of one post. Second upright is equipped with an adjustable cable anchor collar.

Power Volleyball Net—500004 One each.

Rope Tensioner—500005 One each.

Combination Antenna/Boundary Markers—500016 One pair.

Two Court System—500002

Telescoping Aluminum Standards—Three 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.

Power Volleyball Net—500004 Two each.

Rope Tensioner—500005 Two each.

Combination Antenna/Boundary Markers—500016 Two pair.

COMBINATION VOLLEYBALL SYSTEM (CVS)



Photography: Tony Frederick, Muncie, IN.

The versatile CVS Volleyball System can be adjusted to heights for volleyball, badminton, tennis, and other net games.

CVS Combination Volleyball System incorporates all of the top quality features of our high end system with additional versatility. The all-aluminum CVS floor-sleeve type system adjusts to all competition heights for tennis, badminton and volleyball or anywhere in between.

CVS is available with **Flex-Net™ Upgrade Kit**—upgrade your volleyball system to the Flex Net to spend time practicing, not setting up your net. See page 17.

CVS features:

- Meets all NFHS, USA Volleyball and NCAA requirements for competition equipment.
- Infinite net height adjustment from tennis to men's volleyball.
- Clear anodized finish.
- Secure cast-in-place 3½" I.D. floor sleeves with choice of flush cover plates provide rigid support for life of installation.
- Easy storage—can be hung on wall hooks, secured 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.

• Single Court System—500010

Fixed Length Aluminum Standards—One pair of uprights. A power winch is located on the inside of one post. The second upright is equipped with an adjustable cable anchor collar.

Competition Volleyball Net—500014 One each.

Rope Tensioner—500005 One each.

Combination Antenna/Boundary Markers—500016 One pair.

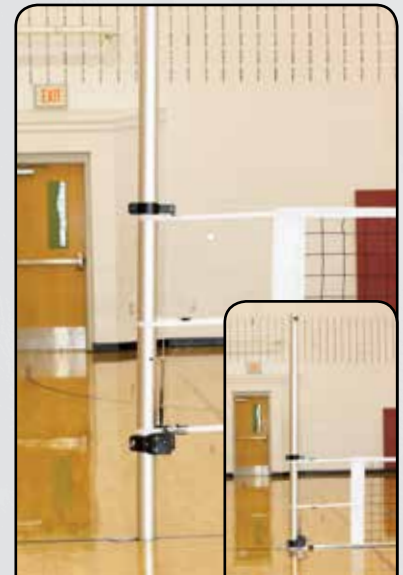
Two Court System—500011

Fixed Length Aluminum Standards—Three uprights. Power winch is located on inside of two posts. Center up-right is equipped with double top pulleys and adjustable cable anchor collar for attaching two nets.

Competition Volleyball Net—500014 Two each.

Rope Tensioner—500005 Two each.

Combination Antenna/Boundary Markers—500016 Two pair.



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

STEEL VOLLEYBALL SYSTEM (SVS)



Photography: Wayne Williams, Indianapolis, IN.

SVS features height adjustment from 6'1" to 8'4" in precise one inch increments.

SVS Steel Volleyball System incorporates all of the quality features of our PVS Volleyball System with telescopic steel posts. The Draper SVS is designed for programs on a budget or ones that prefer the rigidity of a steel post. Stiff steel post allows the user to rapidly obtain the desired net tension.

Each post has a 6' lower section constructed of 3½" diameter 11 gauge steel tubing, an upper section made of 2⅞" O.D. aluminum tube with .300" wall thickness and a large nylon bushing to insure smooth operation. Height adjustable from 6'1" to 8'4" in one inch increments with precise mechanical pin adjustment. Each upright features an adjustable rubber foot to allow for exact height adjustment and to protect your floor. Winch features a folding handle to provide maximum player safety.

SVS is available with **Flex-Net™ Upgrade Kit**—upgrade your volleyball system to the Flex Net to spend time practicing, not setting up your net. See page 17.

SVS features:

- Meets all NFHS, USA Volleyball, NCAA and FIVB requirements for competition equipment
- Adjusts to all competition heights
- Durable High-Gloss Black Powder Coat finish
- Secure cast-in-place 3½" I.D. floor sleeves with flush cover plates provide rigid support—for the life of the installation
- Tensioning winch is a heavy-duty, self-locking wormgear mechanism. A heavy 2" wide, high tensile strength, nylon strap with heavy-duty snap hook eliminates the possibility of hooks breaking and guarantees safe connection to the net-top cable.
- Easy storage—can be hung on a wall with hooks, stored on optional transporter or tucked away in a closet
- Heavy-duty construction—built for years of trouble-free service and rough use

Single Court System—500021

Telescopic Standards—One pair of uprights. A power winch is located on the outside of one post. Second upright is equipped with an adjustable cable anchor collar.

Power Volleyball Net—500004 One each.

Rope Tensioner—500005 One each.

Combination Antenna/Boundary Markers—500016 One pair.

Two Court System—500022

Telescopic Standards—Three uprights. A power winch is located on the outside of two posts. Center upright is equipped with double top pulleys and an adjustable cable anchor collar to attach two nets.

Power Volleyball Net—500004 Two each.

Rope Tensioner—500005 Two each.

Combination Antenna/Boundary Markers—500016 Two pair.

VOLLEYBALL ACCESSORIES

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.

May be combined with any floor sleeve below.

5" Chrome Plated Cover Plate Assembly—501001

8" Chrome Plated Cover Plate Assembly—501034

5" Brass Plated Cover Plate Assembly—501031

8" Brass Plated Cover Plate Assembly—501033

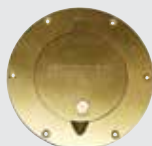
Locking Brass Cover Plate Assembly—501035



501001 / 501031



501034 / 501033



501035

Protective Pads for Volleyball Standards—5011xx*

Upright pads for standards provide maximum player protection.

Our 6' high pads are constructed of 1½" thick, cross-linked polyethylene foam filler covered with polyester reinforced vinyl fabric.

Each pad consists of two vertical sections that attach 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 or Center Standard Kit.

Dark blue is standard, other colors available.

**Last two digits indicate pad color.*



Floor Sleeves

Cast-in-place floor sleeve rigidly secures standards and is adaptable for new construction retrofit on existing floors.

Steel mechanical tubing. Square plate welded to bottom provides secure footing in concrete.

Inside diameter: 3½" Depth: 8½"—501006

Inside diameter: 2¾" 8¼"—501008

Inside diameter: 3" 8¼"—501009

Inside diameter: 4" 12¼"—501010



Center Standard Kits

Center Standard Kit for multiple court use in conjunction with any Draper Volleyball System.

Same top quality features with double top sheaves for attaching two nets.

Kit includes one center standard (**501024 EVS, 501013 PVS, 501021 CVS, 501023 SVS**), one winch with folding handle, one net (**500004**), one pair of Combination Antenna/Boundary Markers (**500016**).

Post pad is optional.



Free-standing Judges Stand with Protective Padding—5014xx*

Designed for easy set-up and transportation.

Judges stand folds nearly flat for easy storage and features 4" non-marking wheels for easy transportation.

Sturdy four-legged design made with 1½" steel tube legs with a tough, gloss black powder coat finish and rubber tips on each leg.

Padded platform is 48" above the floor.

Judges stand provided with heavy-duty polyurethane pads with vinyl wrap that is available in fifteen colors.

**Last two digits indicate pad color.*



Judges Stand with Protective Padding—5013xx*

Official's platform constructed of 1½" square tubing uses quick-lock pin attachment to collar on post and rolls on non-marking wheels.

Supplied with protective padding, dark blue standard.

**Last two digits indicate pad color.*



VOLLEYBALL ACCESSORIES

Transporter/Storage Cart—501016

Heavy-duty transporter is designed to store six posts, nets, one judges stand, padding for standards, accessories and numerous volleyballs in the storage pouch. Rolls easily on non-marking swivel casters. finished in attractive gloss black powder coat. Provided with dark blue vinyl storage pouch and bottom shelf.



Flex-Net Upgrade Kit—500018

Upgrade your volleyball system to the Flex Net to spend time practicing, not setting up your net. The Flex Net has only two connecting points on each side by placing all tension on the heavy-duty woven nylon strap top and bottom bands to supply superb net tension and eliminate extra cables, straps and tie offs. Flex Net Upgrade Kit comes complete with net and all necessary adaptor cables to fit Draper and most other volleyball systems.



Badminton/Pickleball Game Systems



Draper offers a full line of sleeve style badminton systems including options for multi-court and competition systems. All posts are 2 3/8" OD, attractive gloss black powder coat finish, and threaded foot to insure exact net height.

Single Court System with Recreational Net—502100

Two Court System with Recreational Nets—502104

Pair Badminton End Standards—502101

Center Badminton Standard—502103

Single Court Portable Systems—502200

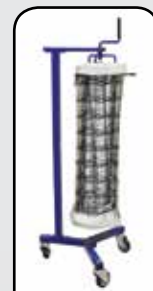
Pair-Portable Badmitten/Pickleball Standards—502201

Recreational Badminton Net (21' x 30")—502102

Competition Badminton Net (19'9" x 30")—502122

Net Winders

Draper allows you keep your volleyball nets, clean, neat and tangle-free with these net storage systems. Net Winders are free-standing and transportable so you can easily move from court to court. Attach head band to rotating net hooks and roll net up using crank handle. Net Winders are constructed from heavy-duty 1 1/2" square tube finished with durable and attractive blue powder coat. Each Net Winder features three, 4" non-marking swivel casters and net bags to cover wound up nets. Choose from single, double or triple net winders depending on your facility needs.



Single Net Winder—501041

Double Net Winder—501042

Triple Net Winder—501043

OUTDOOR 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 1/4" Kevlar top cable, 3/8" bottom rope and white top, bottom and side tapes.

Steel Ground Sleeve 3 1/2" x 9" with neoprene seal cap—505309

Sand/Beach Installation Kit—505310

505502 Championship Outdoor Steel Volleyball System

This unit is designed for high-level competition play. System consists of one winch upright and one anchor upright and is supplied with a tensioning winch. Posts are constructed of 3-1/2" O.D., 8 Ga. zinc coated steel tube with a net adjusting track welded to the pole. Net height can be set anywhere from tennis height (42") to Men's competition height (7' 11-5/8") by turning a single locking knob and sliding the net attachment bar. All Steel Parts have a gray powder coat finish.

505308 Optional Ground Sleeves are available.

500014 Collegiate Net separately.

Economy Outdoor Steel Volleyball System—505510

Outdoor Volleyball System is manufactured using 2 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.



505502

PHYSICAL EDUCATION EQUIPMENT

Clock Guard—502050

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 $\frac{1}{4}$ " 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.



Floor Hockey Goal—502040

Draper's Floor Hockey Goal is 4'h x 6'w x 22"d and is constructed of $1\frac{3}{8}$ " O.D. galvanized tube frame with galvanized steel fittings.

Floor hockey goal includes $\frac{3}{4}$ " white nylon net and non-marking floor pads. Net has 14oz. vinyl sleeves to fit tubing frame and eliminate need for lacing.

Goal can be used for indoor or outdoor play. Sold in pairs.



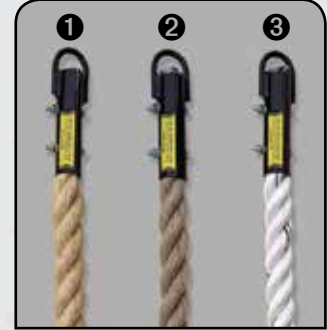
For complete information, visit Draper's web site at www.draperinc.com

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 $1\frac{1}{2}$ " 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 $1\frac{1}{2}$ ", it is two-thirds the weight and is superior in strength to natural rope.
3. EZ Poly is $1\frac{1}{2}$ " polypro core covered with a soft, durable cotton-like polyester.



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 the end:

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



Choose accessories:

1. **Tambourine—502004**
Clamps to any position on the rope to limit climbing distance.
2. **Climbing Rope Hoist—502005**
Raises ropes to wall or ceiling after use for easy storage.
3. **Adjustable Beam Clamp—502003**
With EZ-link to attach ropes to I-beams, bar joists and trusses.
4. **Safety Cable Attachment—502014**
(Not pictured). A backup safety device for all ropes. Cable loops up over your ceiling attachment and secures to the rope with a $1\frac{1}{4}$ " pipe clamp.



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

PHYSICAL EDUCATION EQUIPMENT

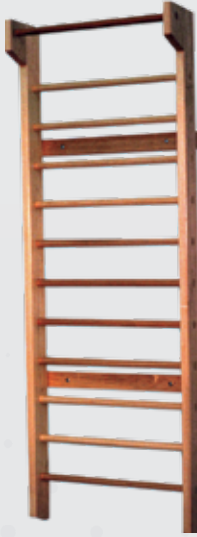
Stall Bar with Extended Top Rail-502026

Mount single Stall Bar sections separately or in a continuous row.

Each section is 2'10" wide and 8' high with eleven 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. To meet the requirements for specific wall construction, installer provides hardware for mounting wood pads to wall.



Deluxe Adjustable Wall Chinning Bar-502013

The finest chinning bar available!

Wall mounting brackets and bar are constructed of galvanized steel.

Bar finished with gray powder coat and adjusts easily in bracket at 6" (152cm) increments.

Bar is approximately 40" (1016mm) in length and extends 16" (406mm) from wall.



Deluxe Arm Strengthening Ladder-502028

This Deluxe Arm Strengthening Bar is made of 1 5/8" heavy gauge steel tube rails and 1 5/8" OD rungs.

Ladder has seven rungs spaced at approximately 8" increments for endurance training. Overall measurements are 60" tall and 22" wide.

Attractive blue powder coated finish for durability.



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 rungs are secured to the side rails to prevent turning.

Support frame is welded tubular frame with diagonal braces and chains for maximum rigidity.

Ladder is about 2' wide and extends about 46" from the wall.

Assembly and hardware instructions included.



Ball Storage Cart-502030

Store basketballs, volleyball or other types of equipment in this handy and sturdy storage cart. Rugged steel construction of all welded 3/16" wire mesh with 3" openings and an attractive and durable blue powder coat finish.

Cart has a hinged cover that can be locked for secure storage and features two heavy-duty swivel casters and two large 12" diameter wheels to make the cart good for many different types of surfaces.



OUTDOOR BACKBOARDS AND GOALS



Fan Aluminum 54" x 35½" Basketball Backboard-503143

White, solid die cast aluminum with reinforcing ribs for added strength. White powder coat finish and lifetime warranty. Includes orange border and target.



Rectangular Polycarbonate 54" x 42" Backboard-503035

Constructed with unbreakable ½" thick clear polycarbonate framed by aluminum extrusions and steel corner brackets. Steel tubular sub-frame adds strength. Silk-screened white border and target. Not for use with 3½" O.D. posts.



Rectangular Polycarbonate 72" x 42" Backboard-503034

Competition size backboard of unbreakable ½" thick clear polycarbonate framed by aluminum extrusions and steel corner brackets. Steel tubular sub-frame adds strength. Silk-screened border and target. Not for use with 3½" or 4½" O.D. posts.



Rectangular Steel 72" x 42" Basketball Backboard-503167

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.



Fan Fiberglass 54" x 39" Basketball Backboard-503148

Constructed of high quality resins and fiberglass for years of maintenance-free service. Target and borders are applied with high gloss gel coat.

Heavy-Duty Stationary Goal-503572

Heavy-duty with a ⅝" diameter steel brace to withstand up to 800 lbs. Rim is ⅝" diameter steel with twelve "no tie" net attachment clips welded to the rim. Includes mounting hardware and heavy-duty net.



Outdoor Breakaway Goal-503079

Low maintenance design stands up to outdoor use. Rim deflects down 15° when excessive load is applied to the ⅝" diameter steel rim. Includes mounting hardware and nylon net.



Super Playground Goal with Nylon Net-503078

Constructed with double diameter rings welded to a ¾" box design gusseted backplate and rim support. Supplied with premium nylon net and high tensile strength mounting hardware. Lifetime Warranty.



Super Playground Goal with Premium Chain Net-503077

Same construction as 503078 but is supplied with zinc-plated premium chain net. Lifetime Warranty.



Double Rim Playground Basketball Goal-503575

Playground goal has a dual rim made out of ⅝" and ½" diameter steel rods. Rim is supported by a ⅞" diameter steel rod.



Double Rim Playground Basketball Goal-503579

Playground goal has a dual rim made out of ⅝" and ½" diameter steel rods. Rim is supported by a ⅞" diameter steel rod. Complete with mounting hardware, chain net, and S hooks.



OUTDOOR BASKETBALL BACKSTOPS

Galvanized Post Sets

Post sets are constructed with heavy wall galvanized pipe and include a lug at the bottom to prevent rotation in footing. Goals bolt directly through backboard post to eliminate stress on backboard.

Choose from backboards and goals on page 20.

Gooseneck Style Posts

- Pipe formed with an 18" to 24" radius.
- Available in 3½" OD with 3' or 4' extensions, 4½" OD with 4' or 5' extension or 5½" OD with 6' extension.

Straight Style Posts

- Goal Height can be set from 0' to 10'.
- Available in 3½" OD with 3' extension, 4½" with 4' extension or 5½" OD with 6' extension.

Back-to-Back Style Posts

- Two extensions using a common center post.
- Designed for large playgrounds with courts located end-to-end.
- Available in 4½" OD with 4' extensions or 5½" OD with 6' extensions.



Gooseneck Style Post



Straight Style Post

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 ¾" thick steel tubing, our fixed height posts provide unmatched stability and durability.

Though considered a "fixed height" goal, the extension arm can be bolted at any height along the post.

66" Extension arm attaches to the direct-bury post with six ⅝" high tensile strength bolts.

Available with 72" x 42" acrylic backboard with breakaway goal (**506995**), or 72" x 42" steel backboard with super playground goal (**506997**). Also available with two extension arms for back-to-back configurations using a common center post.

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



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.

Built from heavy 6" square ¾" thick steel tubing, our fixed height posts provide unmatched stability and durability.

Designed for the most rugged playgrounds, these posts perform equally well on the home court.

Available with 72" x 42" acrylic backboard with breakaway goal (**506996**) or 72" x 42" steel backboard with super playground goal (**506998**).

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



OUTDOOR BASKETBALL BACKSTOPS

Titan Adjustable Post Set—506993

Titan's 6" square, 3/16" 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 when set at 10' 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 6' 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.



Force Adjustable Post Set—506992

Force's 5" square, 3/16" 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 when set at 10'.

Crank style adjustment system with spring assist makes it easy for most people to adjust the goal to any height between 10' and 6'6". 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 54" x 36" Acrylic Backboard and Outdoor Breakaway Goal.

506983 Post Pad and **506988** Backboard Edge Padding are optional.



Slam Adjustable Post Set—506991

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 **506989** Backboard Edge Padding are optional.



Outdoor Backboard Padding

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

506989 48" padding **506987** 60" padding
506988 54" padding **506986** 72" padding



Post Padding

Premium pole pad for outdoor posts. Foam pad (1 1/2"-2" thick) with sewn black vinyl cover. All-weather. Pole pad is 66" tall.

506982 Heavy-Duty (6" square) Post Pad—Velcro attached
506984 Lace & Grommet Pad for 3 1/2" to 4 1/2" round
506985 Lace & Grommet Pad for 5 1/16" round



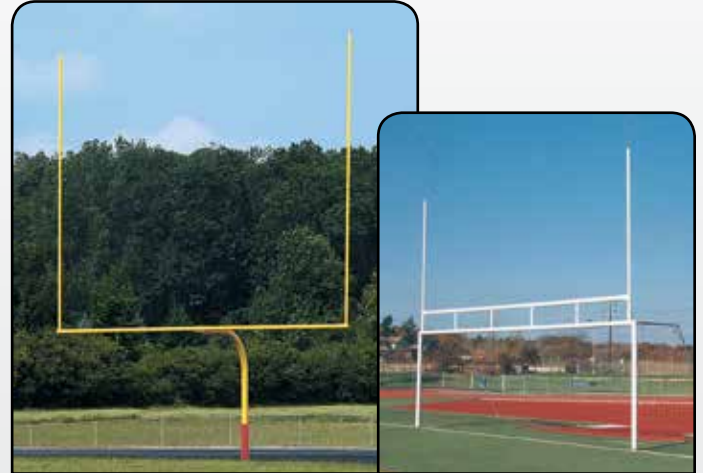
FOOTBALL GOALPOSTS

5⁹/₁₆" 8' Extension Gooseneck Goalposts

These goalposts are the perfect goalpost for multi-purpose fields and top level facilities. All steel construction with tough yellow powder coat finish provides a professional look and extension allows for use with most portable soccer goals. Goalposts have a 5⁹/₁₆" gooseneck post with 96" setback, 4¹/₂" OD Cross Tube and 2³/₈" OD aluminum uprights that extend to 30' above playing surface. Can be permanently installed or used with 505101 adjustable ground sleeve form semi-permanent installation.

505129 Collegiate 5⁹/₁₆" OD, 8' Extension Safety Yellow Goalposts
 – 18' 6" Between 20' Uprights

505127 High School 5⁹/₁₆" OD, 8' Extension Safety Yellow Goalposts
 – 23' 4" Between 20' Uprights



5⁹/₁₆" Gooseneck Goalpost

Combination Football Soccer Goalpost

Steel Gooseneck Goalpost

Draper's 5⁹/₁₆" OD Gooseneck Goalposts feature 72" extension and are available in official sizes for high school or collegiate play. Goalposts are fully adjustable in two directions to insure accurate installation. These goalposts have a 5⁹/₁₆" Schedule 40 steel post, 4¹/₂" steel cross bar and 2³/₈" x 20' long aluminum uprights that extend to 30' above the playing surface. Goalposts feature powder coat finish in your choice of white or safety yellow. Goalposts are available for permanent (direct bury) installations, or semi-permanent installation utilizing **505101** adjustable ground vor sleeves.

Description	Details	Permanent/Semi-Permanent Installation
59/16" Collegiate Safety Yellow	18'6" Between 20' uprights	505125
Collegiate White	18'6" Between 20' uprights	505124
59/16" High School Safety Yellow	23'4" Between 20' uprights	505123
High School White	23'4" Between 20' uprights	505122

4¹/₂" Steel Gooseneck Goalpost

Same quality design and features as Draper's 5⁹/₁₆" OD goalposts, but with a 4¹/₂" OD, schedule 40 gooseneck posts with a 60" extension. Use **505100** adjustable ground sleeves for semi-permanent installations.

Description	Details	Permanent/Semi-Permanent Installation
4 ¹ / ₂ " High School Safety Yellow	23'4" Between 20' uprights	505119
High School White	23'4" Between 20' uprights	505118

505117 Combination Football/Soccer Goals for High School or College

This goal can be easily changed to accommodate football or soccer. Soccer goal is official sized at 24' x 8'. Goals are constructed of 4" x 2" rectangular steel tubing and uprights are 2" square steel. Goal finished with an attractive and durable white powder coat finish. Removable soccer backstays are 1⁵/₁₆" OD galvanized steel. Goal provided with net attachment system. Order **505015** soccer net separately. Order optional **505098** ground sleeves with locking caps for semi-permanent installations.

Goalpost Padding

5051XX* Super thick 6" foam covered with weatherproof vinyl in your choice of 11 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.

Adjustable Height Ground Sleeves

Goalpost sleeve to allow accurate adjustment of the crossbar height to official 10'. Use to remove gooseneck style goalposts on multi-purpose fields. Built-in anti-rotation device and plumb adjustment. Requires minimum 30" diameter x 53" deep excavation.

505100 For 4¹/₂" diameter goalposts

505101 For 5⁹/₁₆" diameter goalposts

SOCCER GOALS

Portable Soccer Goals

Draper's lightweight Portable Soccer Goals have a 4" aluminum post face 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 edge radius for player safety. Backstays are galvanized steel tube and provide up to 4' top depth. Net clips hold the net securely to the face of the goal.

All Draper Portable Soccer Goals come standard with nets and built-in wheel kit for easy transport, rear stabilizer bar and ground anchor kit for player safety.

Official 24' x 8' Competition Aluminum Portable Goals—505003

Meet all NCAA, FIFA and National High School Federation rules

Club 21' x 7' Aluminum Portable Goals—505002

Youth 12' x 6½' Aluminum Portable Goals—505001



Portable goal net clips



Built-in transporter



Auger-type ground anchors

In-Ground 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 components feature powder coating. Order nets and ground sleeves separately. Posts are 4" round.

Official 24' x 8' Competition Steel In-Ground Goals—505006

Meet all NCAA, FIFA and National High School Federation rules. Order 505016 nets with backstays separately.



Soccer Accessories

Ground Sleeve for 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 to fit any 4" round post. Steel removable cap keeps out dirt and debris. Requires 30" deep x 8" minimum diameter ground excavation. Sold in sets of four.

Soccer Goal Ground Anchor Kit—505010

Auger-type anchors for soft or loose soils. Set of four (use two per goal) provided with all aluminum portable goals.

Twisted Nylon Soccer Nets

Although designed specifically for Draper soccer goals, these nets can be used on any goal with a correct top depth. Nets are constructed of high strength twisted nylon covered mesh with a minimum of 5½" square openings. Nets have finished rope edges. Each pair of nets comes with a mesh carry bag for easy transport or storage.



Net Clips

Soccer Nets

Model No.	Width	Height	Top Depth	Bottom Depth
505015	24'	8'	4'	10'
505016	24'	8'	0'	8'
505014	21'	7'	3'	8'
505012	12'	6'6"	2'	6'

OTHER OUTDOOR SYSTEMS

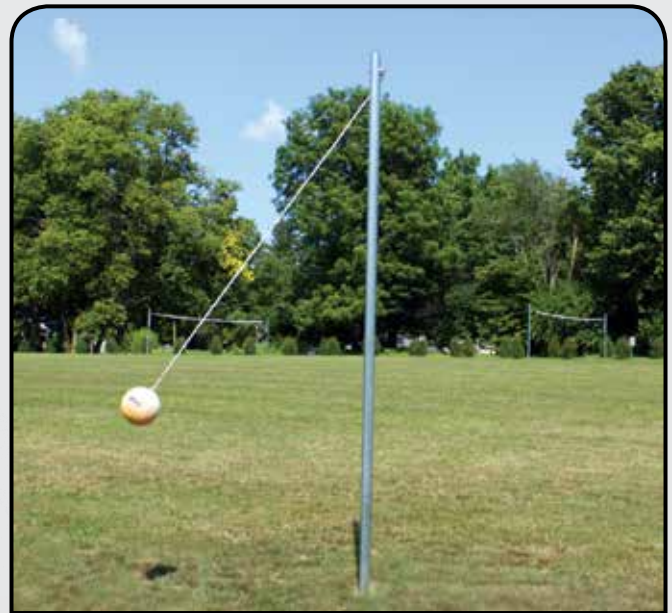
Tetherball System—505201

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

505202 Replacement Tetherball with rope.



Championship Tennis System—502108

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 1/2" socket. Posts finished with electrostatically applied black enamel and feature lacing rod.

Power Tennis System—502106

Draper's Power Tennis System is your best choice for exterior winding 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.

Draper's Tennis Systems are supplied with **502110** 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 1/2" fiberglass end dowels and 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 Steel Ground Sleeve 3 $\frac{1}{2}$ " x 24" with neoprene seal cap.

502115 PVC Ground Sleeve 3" x 24"



Championship Tennis System—502108

PARK AND 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', 7'6", 8' and 15'. Frames are constructed with steel tubing and 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.



507251

Permanent Park Benches

	6'	8'	15'
Galvanized Frame w/Cedar-colored Recycled Plastic Planks	507164	507184	—
Black Powder Coat Frame w/Cedar-colored Recycled Plastic Planks	507264	507284	—
Galvanized Frame w/Extruded Aluminum Planks	—	507185	507155
Galvanized Frame w/Thermoplastic-coated Expanded Metal Planks	50716X	50718X	50715X
Black Powder Coat Frame w/Thermoplastic-coated Expanded Metal Planks	50726X	50728X	50725X

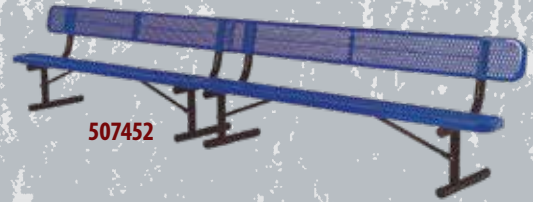
X—last digit indicates color: 1 Red; 2 Blue; 3 Black



507264

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 horizontal feet and lateral braces to increase stability. Feet are provided with rubber pads to protect floors and playing surfaces.



507452

Portable Park Benches

	6'	8'	15'
Galvanized Frame w/Cedar-colored Recycled Plastic Planks	507364	507384	—
Black Powder Coat Frame w/Cedar-colored Recycled Plastic Planks	507464	507484	—
Galvanized Frame w/Extruded Aluminum Planks	—	507385	507355
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', 7'6", 8' and 15'. Frames are constructed with steel tubing and galvanized or finished with black powder coat. Portable Player Benches feature horizontal feet with rubber floor protection pads and 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.

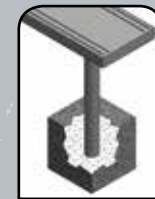


507755

Permanent Player Benches

	6'	8'	15'
Galvanized Frame w/Cedar-colored Recycled Plastic Planks	507564	507584	—
Black Powder Coat Frame w/Cedar-colored Recycled Plastic Planks	507664	507684	—
Galvanized Frame w/Extruded Aluminum Planks	—	507585	507555
Black Powder Coat Frame w/Extruded Aluminum Planks	—	—	507655
Black Powder Coat Frame w/Thermoplastic-coated Expanded Metal Planks	50766X	50768X	50765X

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



Permanent Installation Detail

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

Portable Player Benches

	6'	8'	15'
Galvanized Frame w/Cedar-colored Recycled Plastic Planks	507764	507784	—
Black Powder Coat Frame w/Cedar-colored Recycled Plastic Planks	507864	507884	—
Galvanized Frame w/Extruded Aluminum Planks	—	507785	507755
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



507761

BIKE RACKS AND BLEACHERS

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.

Size	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



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 non-marring pads to prevent scuffing or marking of floors.

507995—9' long, 3 rows

507955—15' long, 3 rows

507921—21' long, 3 rows



CUSTOM PRODUCT LINES

Draper offers extensive custom product lines, including:

- **EZ Fold Basketball Backstops**
- **Gymnasium Dividers**
- **Smart Gym Control Systems**
- **Mat Lifters**
- **Volleyball Systems**
- **Practice Cages**

Contact Draper or your local Draper Gymnasium Construction Products dealer for details.



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