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Draper EZ Fold® Basketball Backstops The First & Finest Basketball Backstops...Since 1955

- first to design the single-stem, all-welded mainframe;
- first to use high-strength steel mechanical tubing instead of heavy pipe;
- The only one to offer a 25-year warranty. No other manufacturer offers you this protection.

This tradition of innovation has continued for over 50 years, and today EZ FOLD is the highest quality backstop on the market.

For more information on EZ FOLD, go to:
www.draperinc.com/go/WhyEZFold.htm.

Draper will be there from the Planning Stage through Game Time...

DRAPER is committed to being your expert consultant for all gymnasium equipment.

- DRAPER offers the most complete and highest quality line of gymnasium equipment available, including basketball backstops, divider curtains, wall pads, volleyball systems, mat lifters and more. DRAPER offers all your gymnasium equipment needs from a single source—no need to deal with multiple manufacturers or suppliers.
- DRAPER's industry-leading product quality starts with the skill and commitment of our design and manufacturing staff and continues all the way through the life of your facility. DRAPER's quality is evidenced by the industry-leading advances that others have followed. DRAPER is so confident in our product quality that we offer the best warranties in the gymnasium equipment business.
- DRAPER and our network of dealers provide complete service from project infancy through installation and beyond.
- Let DRAPER or your local DRAPER dealer assist you with equipment selection, writing specifications and facility layout utilizing our DRAPER EZ-SPEC. With EZ-SPEC, we can instantly provide complete specifications, drawings, layout details, weights and point loads in an easy to use electronic format you can drop right into your project file. This powerful tool gives you information and details you need in planning your project.

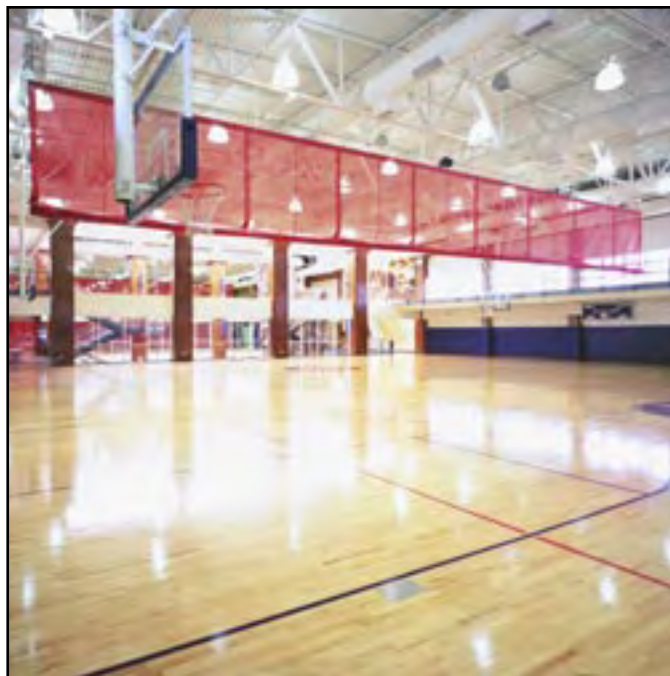
Choosing Draper EZ Fold Basketball Backstops

DRAPER offers three directions to fold the backstop—forward, back or to the side—giving you a 360° choice of which way to take the backstop up and out of play. Available space and design of the facility usually dictates the choice between a front, rear, or side-braced backstop.

For ceiling heights of 28' or less, DRAPER EZ FOLD BASKETBALL BACKSTOPS are made with an all-welded "T" Frame. "B" after a model number denotes bolt-together T-Frame, which includes web braces for exceptional strength.

- **Rear-folding** units will clear obstacles like ceiling-mounted score boards and speakers.
- **Forward-folding** backstops install close to a fixed wall.
- **Side-folding** backstops fold to clear walls and other obstructions.
- **Rear-braced** units have more clear space above backboard.
- **Front-braced** units position a backboard closer to a wall.
- **Bent stem** backstops provide greater clearance above the backboard. They also install with less space between the pivot point and the jackknife, reducing the likelihood of interference with other ceiling suspended equipment.
- **Stationary** backstops are also available.

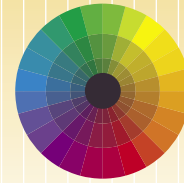
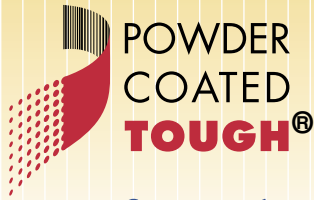
Dimensions, drawings and specifications:
www.draperinc.com/go/BBallBackstops.htm.



Dedman Student Recreation Center, Southern Methodist University, Dallas, TX. Draper products include: TF-20 backstops, Fold-Up gym divider and numerous wall pads. Architect: Renaissance Design Group, Des Moines, IA. Photography: © Scott Williams Photography, Dallas, TX.

We Powder Coat—As Our Standard, No Extra Charge

DRAPER is one of the few basketball backstop manufacturers that provide a powder coat finish as standard. DRAPER provides either black or white finish at no extra charge. White backstops are much more attractive than black backstops when suspended from white or light colored roof support structures.



Advantages of Powder Coating Show Your Colors!

Durability—Powder coating provides one of the most durable and long-lasting finishes available. Powder coated surfaces are more resistant to chipping, scratching, fading and wearing than other finishes. The durability of powder coat means backstops will arrive on-site with a much better appearance and virtually eliminates the need for the installer to touch-up or painting contractor to re-paint the backstops.

Aesthetic—Powder coat produces a better looking finish. With powder coating, there are no runs, drips or sags. Powder coat's thicker finish also provides fewer appearance differences due to the base color of the material being coated. It is also much easier to control slight shade variations between manufacturing lots when compared to wet paint systems.

Economic—Powder coating is a cost saving alternative to liquid paint. Powder coated backstops completely remove the need to have finish paint applied and the installation is normally shorter and less expensive because the material is cleaner and the need for touch up is virtually eliminated.

Environmental—Powder coating is environmentally responsible. Powder coat does not contribute to air pollution or ozone depletion, because it does not contain solvents with volatile organic compounds (VOCs). Powder coat releases virtually no VOCs into the atmosphere. Most powder coat overspray can be 100% recyclable or re-usable, eliminating waste going to the landfill or being released into the environment.

A wide variety of colors greatly enhances the aesthetics of gymnasium equipment. Specify the school colors, pick a color to match the gym décor or choose a white backstop so it virtually disappears when against white bar joist. With nearly unlimited colors to choose from, DRAPER can provide virtually any color scheme. Contact DRAPER for a full line of over 160 available colors.



Royal blue powder coated TB-25 and TF-20 backstops at Christian Academy of Indiana, New Albany, IN. Architect: MECA Design Group, Greenwood, IN. Photography: Wayne Williams, Indianapolis, IN.

Over 160 Colors Available

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



Yellow



Orange



Rust



Royal Blue



Navy



Kelly Green



Red



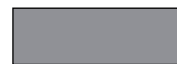
Fuchsia



Purple



Forest Green



Grey



Wine

Dimensions, drawings and specifications: www.draperinc.com/go/BBallBackstops.htm.

Draper EZ Fold® Basketball Backstops

For more information on EZ FOLD, go to: www.draperinc.com/go/WhyEZFold.htm.

A

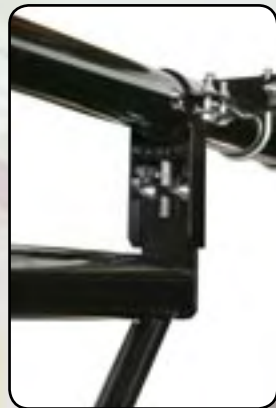
Stronger Overhead—DRAPER'S strength starts from the top. We supply all 4" O.D. 11 gauge overhead superstructure with all spans greater than 10' including bridge trussing.



Independent testing shows that a 10' span of Draper's 4" overhead tube deflects up to 33% less than 3 1/2" tube used by other manufacturers and 76% less when our standard bridge trussing is added.

B

NEW! Strength in the Pivot—DRAPER'S backstop frame pivots on a 1 1/4" diameter solid steel shaft welded into the top of our T-Frame and secured in our 1/2" thick steel adjustable hanger. Each adjustable hanger allows for easy and precise leveling of the backstop and attaches to the superstructure with four 1/2", grade 5 bolts.



Draper T-Frame hangers have been independently tested and found to support in excess of 25,000 lbs. Load Safety Factor 57 to 1.

C

NEW! Beam Clamp—DRAPER'S beam clamp provides at least 7 square inches of beam flange contact area and are secured with two all-thread bolts at each attachment point.



Draper's beam clamps have been tested to hold in excess of 25,900 lbs. Load Safety Factor 94 to 1.

D

Precision Welding—All DRAPER welders have been tested and certified to meet the requirements of AMERICAN WELDING SOCIETY (AWS) D1.1 Structural Welding Code ensuring quality fabrication and structural integrity.



E

Custom Built for Your Gymnasium—DRAPER custom designs each backstop so the lateral sway braces intersect the main mast at approximately 54" above the goal (18" above the backboard) to ensure maximum rigidity. DRAPER does not use stock assemblies and simply make them fit your gym.



Calculations indicate that Draper T-Frames deflect 36% less than competitors' models with sway braces attached 72" above the goal.

F

UL Listed Winches—All DRAPER winches are listed by Underwriters Laboratories and feature a 1 HP motor, grooved drum, and cable tensioning system. DRAPER winches protected by a five year warranty to ensure years of trouble free operation.



G

Posilok Safety Belt—DRAPER'S safety belts out perform the competition. They are self-checking, automatically resetting and virtually fail-safe. They feature stronger belts and faster arrest times than safety belts used by competitors.



New Castle YMCA, New Castle, IN
Photography: Wayne Williams, Indianapolis, IN.



G

C

B

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H

Goal Brace—DRAPER's goal brace connects the goal directly to the T-Frame, removing stress from the backboard and transferring it to the support structure. Use of a goal brace allows DRAPER to offer a lifetime warranty on any backboard.



I

NEW! Upper Bank Hanger—DRAPER's upper bank hanger is designed to keep the backboard plumb and level even with the goal removed. Our bank hanger extends the backboard to the same distance as our height adjuster allowing for easy addition of this feature after the initial installation.



Ceiling-Suspended, Forward-Folding Backstops

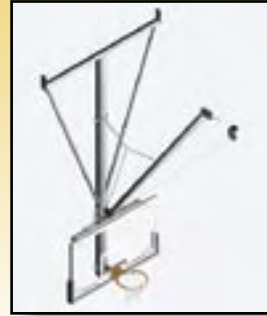


TF-20

- Front-braced, folds forward.
- Fully welded construction to heights up to 28'4".
- Electric winch required for installations over 28'4".

Dimensions, drawings and specifications:

www.draperinc.com/go/CeilingSusFwdFold.htm.



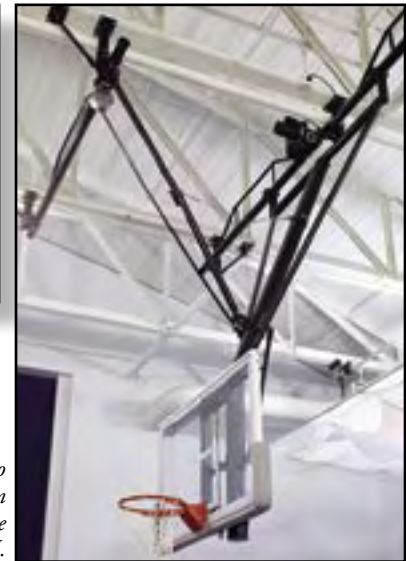
TF-20 Forward-Folding Backstops at Brandywine Church, Greenfield, IN. Architect: CSO Schenkel Schultz, Indianapolis, IN. Photography: Wayne Williams, Indianapolis, IN.

TF-20S

- Front-braced, folds forward.
- Fully-welded construction to heights up to 27'7".
- Bolt-together construction above 27'7".
- Bent stem, reduces space between pivot point and jackknife.
- Electric winch required for installations over 27'7".

Dimensions, drawings and specifications available:

www.draperinc.com/go/CeilingSusFwdFold.htm.



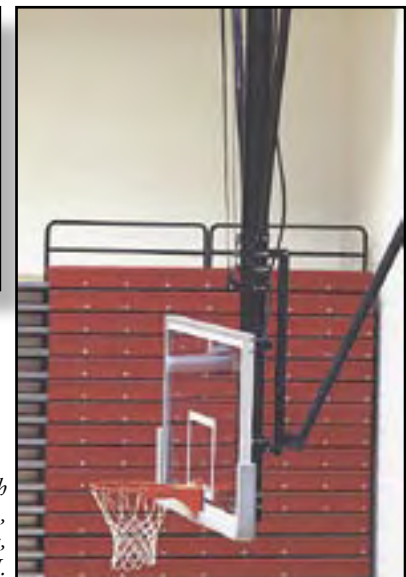
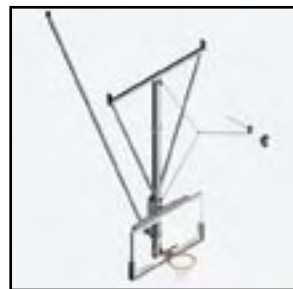
TF-20S Forward-Folding Backstops at Oswego (IL) East High School. Architect: Kluber, Skahan & Associates, Batavia, IL. Photography: Wayne Williams, Indianapolis, IN.

TF-20J

- Rear-braced, folds forward
- Fully-welded construction to heights up to 28'4".
- Bolt-together construction above 28'4".
- Electric winch required for installations over 28'4".
- Features DRAPER's exclusive "hammer lock". The hammer lock is a stem-weight actuated positive latch. Securely locks your backstop into playing position. Stem weight eliminates need for supplemental cable retractors or stretch cords.

Dimensions, drawings and specifications available:

www.draperinc.com/go/CeilingSusFwdFold.htm.



TF-20J in play position, Knightstown (IN) High School. Architect: R.W. Clinton & Associates, Inc., Richmond, IN. Photography: Wayne Williams, Indianapolis, IN.

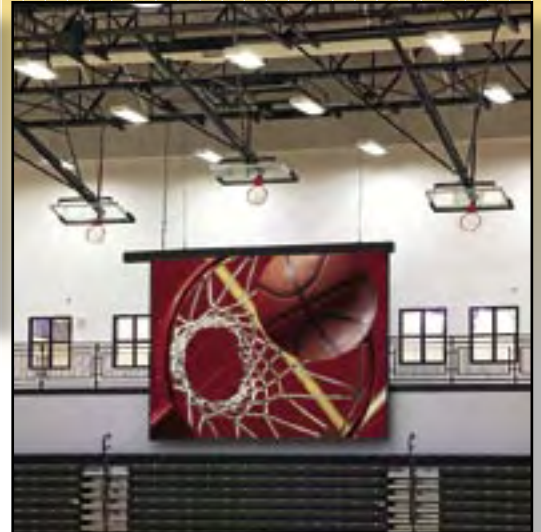
Ceiling-Suspended, Rear-Folding Backstops



TB-25

- Rear-braced, folds to back.
- Fully-welded construction to heights up to 28'4".
- Bolt-together construction above 28'4".
- Electric winch required for installations over 28'4".

Dimensions, drawings and specifications available at:
www.draperinc.com/go/CeilingSusRearFold.htm.



Three TB-25 Rear-Folding Backstops above a Draper Rolleramic projection screen. West Ottawa High School, Holland, MI. Architect: Design+, Grand Rapids, MI. Photography: Wayne Williams, Indianapolis, IN.

TB-25S

- Rear-braced, folds to back.
- Fully-welded construction to heights up to 27'7".
- Bolt-together construction above 27'7".
- Bent stem reduces space between pivot point, jackknife.
- Electric winch required for installations over 27'7".

Dimensions, drawings and specifications available at:
www.draperinc.com/go/CeilingSusRearFold.htm.



TB-25S-B at Christian Academy of Indiana, New Albany, IN. Architect: MECA Design Group, Greenwood, IN. Photography: Wayne Williams, Indianapolis, IN.

TB-25R

- Rear-braced, folds to back.
- Fully-welded construction to heights up to 28'4".
- Bolt-together construction above 28'4".
- Top of T-Frame mounted to heavy-duty trolley assemblies that roll on I-Beam tracks.
- Top of T-Frame rolls forward as backstop folds back.
- Electric winch required.

Dimensions, drawings and specifications available at:
www.draperinc.com/go/CeilingSusRearFold.htm.



TB-25R at Woodhaven (MI) High School. Architect: The Design Forum, Inc., Grand Rapids, MI. Photography: Wayne Williams, Indianapolis, IN.

Ceiling-Suspended, Side-Folding Backstops

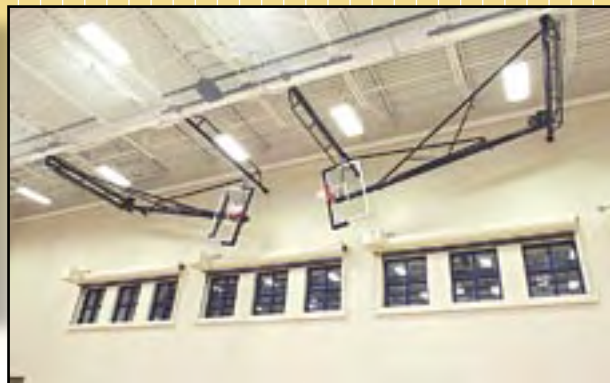


TBS-26-B

- Bolt-together mainframe with single brace located back or front as required.
- Side-braced, specify left or right side, folds toward side brace.

Dimensions, drawings and specifications:

www.draperinc.com/go/CeilingSusSideFold.htm.



EZ Fold TBS-26-B folds to the side and out of the way of other sports activities. West Ottawa High School, Holland, MI. Architect: Design+, Grand Rapids, MI. Photography: Wayne Williams, Indianapolis, IN.

Ceiling-Suspended, Stationary Backstops

TS-21

- Rear- or front-braced, stationary.
- Fully-welded construction to heights up to 28'4".
- Bolt-together construction above 28'4".

Dimensions, drawings and specifications available:

www.draperinc.com/go/CeilingSusStationary.htm.



EZ Fold TS-21-B with front brace (above) and rear brace (left). Sulphur (LA) High School, 9th grade campus. Randall D. Broussard, Architect LLC. Photography: © Barry Champagne, Houston, TX.

TS-22

- Horizontal back-braced to wall.
- Fully-welded construction to heights up to 28'4".
- Bolt-together construction above 28'4".

Dimensions, drawings and specifications available at:

www.draperinc.com/go/CeilingSusStationary.htm.

Ceiling-Suspended, Double-Drop Frame

6 models to meet any specification. Same quality construction and features as our T-Series in traditional H-Frame designs.

- DDTF-20: front-braced, folds forward.
- DDTF-20J: rear-braced, folds forward.
- DDTB-25: rear-braced, folds to back.
- DDTB-25C: compact, rear-braced, folds to back.
- DDTS-21: ceiling-braced, stationary.
- DDTS-22: wall-braced, stationary.

Dimensions, drawings and specifications:

www.draperinc.com/go/CeilingSusDoubleDrop.htm.



DDTS-21 ceiling-braced, stationary backstop at Owen County Family YMCA, Spencer, IN. Architect: MSKTD & Associates, Inc., Indianapolis, IN. Photography: Wayne Williams, Indianapolis, IN.

Wall-Mounted Backstops



DUW Up-Folding

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

Dimensions, drawings and specifications:
www.draperinc.com/go/WallMounted.htm.



DUW Up-Folding Backstop in folded position at Christian Academy of Indiana, New Albany, IN. Architect: MECA Design Group, Greenwood, IN. Photography: Wayne Williams, Indianapolis, IN.

DGW Side-Folding

- Folds to either side against wall.
- Steel tubing framing system.
- Telescopic diagonal brace provides locking device in play or stored positions.
- Threaded pin releases diagonal locking brace.
- Available with electric actuator to fold backstop. (Add "-E" to part number).

Dimensions, drawings and specifications:
www.draperinc.com/go/WallMounted.htm.



DGW Side-Folding Backstop at Centennial Middle School, South Lyon, MI. Architect: Integrated Design Solutions, LLC, Troy, MI. 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).

Dimensions, drawings and specifications:
www.draperinc.com/go/WallMounted.htm.



SW Stationary Backstop at Centennial Middle School, South Lyon, MI. Architect: Integrated Design Solutions, LLC, Troy, MI. Photography: Wayne Williams, Indianapolis, IN.

SWD Stationary

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

Dimensions, drawings and specifications:
www.draperinc.com/go/WallMounted.htm.



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

Basketball Backboards

A0136 Rectangular Glass 72" x 42"

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.
- Only for backstop structures with Goal Brace direct goal attachments.



A0127 EZ Strut Bank™ 72" x 42"

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

A0132 Rectangular Glass Conversion

72" x 42"

- Replaces 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"

- White backboard fabricated with double 3/16" shell over resin-treated honeycomb core.
- Orange border and target 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 designed for indoor or outdoor use.



NOTE: 72" x 48" backboards are available for renovations and replacements.

503140 Rectangular Wood 72" x 42"

- Finest wood backboard available.
- 55 PCF density solid laminated wood core with eggshell white polyurethane face to resist abrasion.
- Border, target markings part of laminate to prevent wear.

A0133 Fan Aluminum

- White finish with orange border and target.
- Lifetime Warranty.

A0018 Fan Fiberglass

54" x 39"

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



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

Optional Edge Padding

DRAPER recommends all rectangular backboards be fitted with edge padding to meet rule requirements.

Three styles to choose from:

503264 1 1/2" Wide Safe-edge Padding

503253 2" Wide Safe-edge Padding

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

5032(XX)* Bolt-on Padding

- Available in 12 colors.

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

**(XX - indicates color)*



Dimensions, drawings and specifications: www.draperinc.com/go/BBallBackboard.htm.