

# Draper EZ Fold® Basketball Backstops

## 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 3½" tube used by other manufacturers and 76% less when our standard bridge trussing is added.*

## B

**Strength in the Pivot**—Draper's backstop frame pivots on a 1¼" diameter solid steel shaft welded into the top of our T-Frame and secured in our ½" thick steel adjustable hanger. Each adjustable hanger allows for easy and precise leveling of the backstop and attaches to the superstructure with four ½", 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

**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.*

*New Castle YMCA, New Castle, IN.  
Architect: Architectural Alliance, Indianapolis, IN.  
Photography: Wayne Williams, Indianapolis, IN.*

## 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 are protected by a five-year warranty to ensure years of trouble free operation.

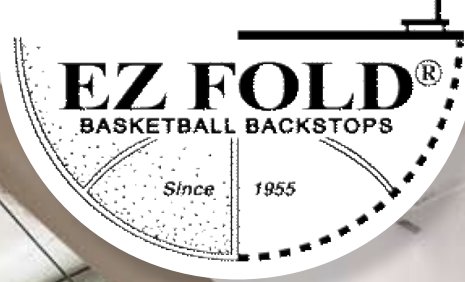


## G

**Posilok Safety Belt**—Draper's safety belts outperform the competition. They are self-checking, automatically resetting and virtually fail-safe. They feature a ten-year warranty plus stronger belts and faster arrest times than safety belts used by competitors.



For more information on EZ Fold, go to:  
[www.draperinc.com/go/WhyEZFold.htm](http://www.draperinc.com/go/WhyEZFold.htm)



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**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.



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**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.



H