

# Heavy Duty Outdoor Fixed Post Backstops

by DRAPER

## Specifications—Heavy Duty Outdoor Fixed Post Backstops

### Product Description

Heavy duty outdoor fixed post backstops shall be [506995 with single acrylic backboard] [506996 back-to-back with two acrylic backboards] [506997 with single steel backboard] [506998 back-to-back with two steel backboards] by Draper, Inc., Spiceland, IN.

Vertical pole shall be 6" square  $\frac{3}{16}$ " wall steel tubing and allow for burying 48" in concrete. Pole shall have a welded watertight steel cap to seal out moisture.

Main 45 degree extension arm tube shall be 6" square  $\frac{3}{16}$ " wall steel tubing and provide for a 66" extension from front of pole to face of backboard. Arm shall be designed to allow backboard to be mounted at four places top and bottom to eliminate rust streaks from forming on face of board. Structures designed to bolt through face of backboard are not considered equal.

The backboard mounting plate on the pole shall be  $\frac{1}{4}$ " thick and extend the full height of the backboard. A 4" square,  $\frac{1}{8}$ " wall secondary arm tube shall further support the backboard mounting plate.

Arm shall be attached to the pole by means of two  $\frac{1}{2}$ " thick steel plates sandwiched around the 6" pole. One plate shall be welded to the arm, the other used as a crimp plate on the backside of the pole. Six  $\frac{5}{8}$ " high strength bolts shall pass through the two plates and when tightened shall bolt the arm at the desired height.

All steel pole components shall be welded using maximum penetration, continuous weld, MIG procedure. Pole components shall have a polyester powder coated black finish.

Clear acrylic backboards shall be 42" x 72" rectangular  $\frac{1}{2}$ " thick clear acrylic framed in a competition grade anodized aluminum framework with bright white 2" border and official size shooter's square screen-printed on backside to eliminate wear. Acrylic backboards supplied with breakaway rims of a flexible type so as to absorb the stress of player contact. Spring action shall be provided by a heavy duty compression wire spring. A steel coverplate must enclose entire internal mechanism.

Rectangular steel backboards shall be 42" x 72" rectangular steel with white finish and orange 2" border and official size shooter's square. Super playground rims shall be provided with steel backboards. All structural components shall be built of no less than  $\frac{3}{16}$ " steel. Rim shall be of institutional quality with an official  $\frac{5}{8}$ " diameter high strength steel ring supported by a  $\frac{3}{16}$ " brace supporting 60% of the ring. Rim shall be punched to mount either a 3" x 4" or 5" x 5" hole pattern. Orange powder coat finish.

Rim and backboard shall be attached to the pole by passing four high strength steel bolts through the rim, backboard, and pole so that weight suspended from the rim is transferred directly to the pole structure. The backboard shall also be mounted to the pole at four places along the top and bottom, eliminating common rust streaks found on units where backboard is bolted through face.

Pole, backboard, and standard rim shall carry a Lifetime Unconditional Warranty. Entire system weight shall be approximately 470 lbs.

**506995**—single acrylic backboard with breakaway goal.

**506996**—back-to-back acrylic backboards with breakaway goals.

**506997**—single steel backboard with super playground goal.

**506998**—back-to-back steel backboards with super playground goals.



### Optional Post Padding

506982 heavy duty 6" square premium pole pad for outdoor posts. Foam pad, 2" thick, with sewn vinyl cover. All-weather. Velcro® wrap around.

### Outdoor Backboard Edge Padding

506986 72" padding of molded urethane construction. Padding secures to backboard with self-drilling screws. Fits most 72" backboards.

### Please Mark Appropriate Selections

#### Select Heavy Duty Post Set

- |   |                 |
|---|-----------------|
| <input type="checkbox"/> 506995 (single acrylic backboard)        | How Many? _____ |
| <input type="checkbox"/> 506996 (back-to-back acrylic backboards) | How Many? _____ |
| <input type="checkbox"/> 506997 (single steel backboard)          | How Many? _____ |
| <input type="checkbox"/> 506998 (back-to-back steel backboards)   | How Many? _____ |

#### Select Optional Post Pad

- |  |                 |
|--|-----------------|
| <input type="checkbox"/> 506982 Heavy Duty Square Post Pad | How Many? _____ |
|--|-----------------|

#### Select Optional Backboard Edge Pad

- |  |                 |
|--|-----------------|
| <input type="checkbox"/> 506986 Backboard Edge Padding—72" | How Many? _____ |
|--|-----------------|

PROJECT: \_\_\_\_\_

ARCHITECT: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

SUPPLIER: \_\_\_\_\_

DATE: \_\_\_\_\_ REVISED: \_\_\_\_\_

**DRAPER®**

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