

Brute III Basketball System

1. **VERTICAL POLE** – Vertical post shall be constructed of 5 9/16” O.D. Schedule 40 galvanized tubing. Design shall allow for a 48” bury into the ground and a 72” setback from post to backboard. Backboard attachment shall be telescoping to allow up to 78” extension if desired. Two 1” round tubular braces shall support the top corners of the backboard and connect directly to the pole. The pole shall be designed so that the rim mounts directly through the backboard into the horizontal extension to eliminate backboard stress during play. Pole systems where rim mounts to backboard only are not considered equal.
2. **H-FRAME STRUCTURE** – An H-Frame shall be provided with wall structure. The h-Frame shall be constructed of 1 ½” square x 11 gauge tubing. H-Frame shall be 36” tall and provide mounting slots for industry standard 20”x35” mounting. H-Frame shall also include a faceplate no less than 3/16” thick, that allows for rim bolts to pass through backboard and into H-Frame to eliminate risk of backboard breakage when added weight is applied to the rim.
3. **BACKBOARD** – Backboard shall be 36”x 54” rectangular acrylic (1/2” thick). Backboard shall be framed with a 1/8” thick anodized aluminum framework. Board shall have bright white 2” boarder and official shooters square screened on the backside to eliminate wear.
4. **RIM** - Standard rim shall be 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. All structural components shall be built of no less than 3/16” steel. Rim shall be of institutional quality with an official 5/8” diameter high strength steel ring supported by a 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 powdercoated finish.
5. **WARRANTY** - Pole, backboard, and standard rim shall carry a Lifetime Unconditional Warranty. Entire system weight shall be approximately 450#.