

Architectural Specifications

Clubmaster™ Portable Basketball Goal (8' Extension)

FRAME Primary Structural Steel components shall be a minimum of 4" x 4" and 4" x 2" tubing with a minimum 1/4" wall thickness. Horizontal extension arm shall be 4" x 4" x 1/4" Steel reinforced along the top with a tubular steel spine for added stability. All pivot points to facilitate lowering for storage shall be 1 1/4" steel pivot pins riding on oil-impregnated bronze bearings. The front of the frame shall be fitted with a positioning pin at both sides, guaranteeing correct positioning of the unit during play. Welded base shall provide a fully-enclosed ballast compartment that is properly loaded with steel ballast at the factory.

GOAL AND BACKBOARD ATTACHMENT The goal and backboard shall be attached to the unit via a true direct mount system, so as to completely eliminate stress on the glass backboard during play; "True direct mount" means that the rim shall bolt directly to the front metal plate on the backboard, and the back metal plate of the backboard shall bolt directly to the welded plate on the main backboard support beam of the backstop. There shall be no glass between the front and back steel mounting plates of the backboard; instead the heat tempered glass plate shall have a cut-out area around the mounting plates of the backboard, which shall be supported by a tubular steel lower brace and extruded aluminum frame on its full perimeter. Breakaway rim shall be designed to flex with equal pressure in any direction around the front 180° circumference of the ring, and have tubular net attachment system. Backboards with glass between the metal mounting plates shall not be considered equal.

WHEELS Entire basketball system shall rest on the floor when in the storage position on six (6), 8" diameter, 2" wide urethane casters – two (2) swivel front casters, and two (2) double-rear casters. Wheels shall have non-marking urethane tread.

FOLDING CYCLE Backboard and goal shall be suspended by means of a pivoting, welded steel structure that uses extension spring technology to counter-balance the weight of the backboard and goal to raise and lower the goal for play and storage. Goal shall be raised and lowered by one person and locked at the desired rim height or storage position by means of a telescoping height adjustment mechanism with permanent rim height markings. Rim shall be capable of height settings from 7' to 10' in 12" increments.

DYNAMIC SUBFRAME (Patented) The unit shall be lifted off the floor during the last 30 degrees of the upward motion of the two yokes that support the main beam by means of 2 vertical rods connected to a sub-frame inside the main frame. These vertical rods, mounted in vertical bushings, shall be fitted with a roller bearing which contacts a cam mounted on each of the yokes. The cam shall have a lobe which pushes the vertical shaft and sub-frame down to lift the unit off the wheels and into game position. The height shall be easily adjustable by means of a floating adjustable nut at the base of the vertical rod. Screw down mechanisms shall not be considered equal.

PADDING Entire front and sides of the base and front of the structural upright shall be padded a minimum of 2" thick in a choice of 16 colors. Lower surface of horizontal extension arm shall be padded to a distance of 60" from the rear of the backboard. Backboard padding shall be bolt-on molded urethane with steel inserts molded into the padding.

ANCHORS Each unit shall come equipped with a floor insert, brass cover plate, and adjustable length chain to anchor the unit per NCAA specifications. For wood floors, the brass cover plate shall not be connected to the anchor in the concrete, in order to allow movement of the wood floor.

FINISH All steel components shall have a white polyester powder-coated finish.

SPECIFICS System weight shall be approximately 2,350 pounds. The padded base shall be approximately 40" wide x 74" long. The total stored dimension shall be approximately 76" wide x 160" long x 80" high. Components shall carry the following minimum warranties: Backboard, limited lifetime; Structure, 20-year limited; Backboard Padding, 10-year; Breakaway Goal, 10-year. Entire system shall meet all rules for high school and collegiate play.