

Architectural Specifications

Sportmaster™ 5.5 Portable Basketball Goal (5' 6" Extension)

FRAME Primary Structural Steel components shall be a minimum of 4" x 4" and 4" x 2" tubing with a minimum ¼" wall thickness. Horizontal arm shall be reinforced by no less than ¼" steel members at the elbow joint. All pivot points to facilitate lowering for storage shall be 1 ¼" steel pivot pins riding on oil-impregnated bronze bearings. Welded base shall provide a fully-enclosed ballast compartment that is properly loaded with steel ballast at the factory.

BACKBOARD/RIM Basketball system shall provide a competition size 42" x 72" glass backboard and competition breakaway goal on a fully-padded portable base. Face of backboard shall be a minimum of 66" from the front of the padded base. Backboard shall be ½" tempered glass with official white boarder and shooters square, and extruded aluminum frame. Backboard shall be designed so that the basketball rim mounts through the glass into the horizontal extension of the base to reduce stress on the glass during play. The goal shall be a TruFlex™ competition breakaway rim. The breakaway rim mechanism shall be of the positive lock design, factory preset. An automatic return shall be provided by means of two return springs which shall also cushion the breakaway action when the pressure release setting has been exceeded. Rim shall have continuous netlocks.

WHEELS Entire basketball system shall rest on the floor when in the storage position on four (4), 8" diameter, 2" wide urethane casters – two (2) swivel front casters, and two (2) 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 that has permanent rim height markings. Rim shall be capable of height settings from 5' to 10' in 6" increments.

PLAYING POSITION When rolled into playing position, front of system shall be lifted from the front wheels onto two (2) 4" diameter urethane stabilizer pads. Stabilizer pads shall be lowered by means of threaded lead screws located at the top front corners of the base.

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 12 colors. Backboard padding shall be bolt-on molded urethane with steel inserts molded into the padding.

ANCHORS Front locator pins and floor locator bushings shall be standard with the basketball system, guaranteeing correct positioning of the unit during play. A rear turnbuckle anchor shall be provided to allow for securing unit to floor surface as an additional option.

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

SPECIFICS System weight shall be approximately 2,100 pounds. The padded base shall be approximately 40" wide x 74" long. The total stored dimension shall be approximately 76" wide x 130" long x 78" high. Components shall carry the following minimum warranties: Backboard, limited lifetime; Structure, 10-year limited; Padding, 5-year; Breakaway Goal, 1-year. Entire system except the 66" setback (96" is required) shall meet all rules for high school and collegiate play.