

### **BA895G T-Rex 66 Portable Basketball System**

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 border 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. Rim shall have continuous netlocks. Backboard padding shall be bolt-on molded urethane with steel inserts molded into the padding. Padding shall be available in choice of 12 school colors. All system features except the 66" setback (96" is required) shall meet all NCAA and National High School Federation rules.

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. Primary structural steel components shall be a minimum of 4" x 4" and 4" x 2" tubing with a minimum ¼" wall thickness. 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. 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. All steel components shall have a white polyester powder coated finish. Entire basketball system shall rest on the floor when in the storage position on four (4), 8" diameter, 2" wide urethane casters. When rolled into playing position, front of system shall be lifted from the front wheels onto two 4" diameter urethane stabilizer pads. Stabilizer pads shall be lowered by means of a threaded lead screw located at the top front corners of the base.

Entire front and sides of the base and front of the structural upright shall be padded a minimum of 2" thick in choice of 12 school colors. Lower surface of horizontal extension arm shall be padded to a distance of 60" from the rear of the backboard. Front locator pins and floor locator bushings shall be standard with the system. Rear hold-downs are optional accessories. 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 and Breakaway Goal, 1-year.