



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 96" from the front of the padded base when rim is at 10'. Backboard shall be 1/2" 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. Breakaway rim shall be designed to flex with equal pressure in any direction around the front 180° circumference of the ring, and have a tubular net attachment system. Backboard padding shall be bolt-on molded urethane with steel inserts molded into the padding. Padding shall be available in choice of 16 school colors. Entire system shall meet all rules for high school and collegiate play. 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 1/4" wall thickness. Horizontal extension arm shall be reinforced by no less than two 1/4" thick steel members for no less than 7' of the arm length. All pivot points to facilitate lowering for storage shall be 1 1/4" steel pivot pins riding on self lubricating 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. An independent tensioning device placed between the uprights shall provide additional rigidity to the entire structure. Rim shall be capable of height settings from 7' to 10' in 6" increments. All steel components shall have a white textured polyester powder coated finish. Entire basketball system shall rest on the floor when in the storage position on six (6), 8" diameter, 2" wide urethane casters (two single front, 2 double rear). 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 of base shall be padded with a minimum of 4" thick, high density foam covered with 16oz vinyl. Padding on the sides of the base shall be vinyl covered 2".thick high density foam. 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 and rear hold-downs shall be standard with the system, BA898HD. Installation to be completed in accordance to manufacturer's instructions. Do not scale drawings. System weight shall be approximately 2,350#. The padded base shall be approximately 40" wide x 74" long. The total stored dimension shall be approximately 76" wide x 160" long x 78" high. Components shall carry the following minimum warranties. Backboard, limited lifetime; Structure, 10-year limited; Padding, 10-year replacement and Breakaway Goal, 5-year.



## PRODUCT SPECIFICATION

BA898G T-Rex™ 96 Portable Basketball System

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