

Tyrant Flight Basketball System

1. **VERTICAL POLE** – Vertical post shall be constructed of 6 5/8” 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. **BACKBOARD** – Backboard shall be 39”x 54” fan-shaped fiberglass (1 5/8” thick). Backboard shall be constructed with front and back fiberglass composite laminates and a solid inner core of high density pressed wood. A gel-coat 2” boarder and official shooters square shall mark the front of the board.
3. **RIM** - Standard rim shall be fabricated from 3/16” backplates and sideplates fully welded. Rim shall be double 5/8” diameter, high strength steel welded together at a minimum of six places. Nets shall be attached by means of a continuous netlocking system constructed of 3/16”x 1” steel with punched slots that facilitate the use of either nylon or chain nets (nylon net included). The entire rim shall be powdercoated orange. Other rims including outdoor breakaway rims shall be available.
4. **WARRANTY** - Pole, backboard, and standard rim shall carry a Lifetime Unconditional Warranty. Entire system weight shall be approximately 490#.