



Horizon Complete Competition Portable Volleyball System

System shall be designed for elite competition level volleyball play without the use of additional loose ballast, floor hold downs or any wall or ceiling attachment. System shall be suitable for use on all floor systems designed for competition play including maple, molded tile and synthetic. Base units shall allow for suspension of at least 250# in the center of the net without base movement.

Main structural steel components shall be a minimum 2"x4" tubing with 1/8" wall thickness as well as 1/2" steel plate construction. Welded base shall provide a fully enclosed ballast compartment that is properly loaded with 700# steel ballast at factory. Base units shall incorporate a "low-profile" design with no part of the base unit exceeding 13" above playing surface to eliminate interference with spectator viewing. System shall be capable of setup by one person. All components shall have a grey hammertone polyester powder coated finish. While in transport position, unit shall roll on (4) 8" diameter x 1 1/2" wide non -marking wheels and (1) 4" x 2" non -marking swivel wheel. When rolled into position, front of system shall lower to floor on (1) 8" diameter non -marking anti-skid footpad. Footpad shall be activated when post is raised into playing position.

The telescoping integral post design shall insure that no portion of the standards protrude above the top of the net at any net height setting on either end. The 3 1/2" steel outer tube shall have a minimum wall thickness of .22". The inner telescoping pole shall be 6061-T6 aluminum tubing and have a 3" OD with a .21 wall thickness. A pin in the outer tube shall ride in a machined slot in the inner tube to eliminate inner pole rotation and prohibit the inner tube from separating from the outer tube.

Net height shall be infinitely variable from a minimum of 78" to 98" with a single, spring assisted, threaded knob per post. Men's, Women's and Junior's height settings shall be clearly identified on the inner telescoping tube.

The net shall be one meter high, be constructed of black polypropylene 3.5mm knotless woven webbing, have a Kevlar top rope and polypropylene bottom rope. The top rope shall rest in a groove of a 4" diameter steel pulley at the top of the winch standard for ease of net tensioning. The top, bottom and sides of the net shall be finished with white tarpaulin fabric with double stitched hemmed edges. The top of the net shall be tensioned by means of a 26:1 ratio worm gear winch. Winch shall be designed to wind a 2" wide nylon webbing strap that is attached to the net top rope and have a non removable folding handle. Net bottom rope shall be tensioned by means of a ratcheting style tensioner. Each net side tape shall have internal dowels tensioned by means of no less than two ratchet type tensioners per side.

Top and bottom ropes shall be covered between the standards and the edge of the net for player safety by no less than 1/2" thick foam padding with white vinyl cover. Entire front and sides of the base and front of the structural upright shall be padded to a minimum of 72" with a combination of 2" and 1 1/2" thick high density foam covered with vinyl in choice of 16 colors. Up to 10 letters per side may be printed on each base at no additional charge. System shall include official boundary antennas.

System weight shall be approximately 1250# per end. The padded base shall be approximately 40" wide in the back and taper to 4" wide in the front. Each base shall be approximately 48" long. The total stored dimension shall be approximately 40" wide x 78" long x 18" high.

Upright standards and base units shall carry no less than a Superior Lifetime Warranty. All other components shall carry a 2-Year Limited Warranty. Entire system shall meet or exceed all NCAA, USVBA, NFHS and FIVB requirements for competition.

Entire Horizon Complete system shall weigh 2500 lbs.

HORIZON COMPLETE-ST PORTABLE VBALL SYS. WITH JUDGES STAND

Same as HORIZON COMPLETE described above, except includes (1) STURDISTAND-MD volleyball judges stand with pad described below.

STURDISTAND-MD

Unit shall be constructed of 2" square aluminum tube. Anti-slip aluminum tread plate shall be used for standing platform. Unit shall fold flat by means of removing two ½" cotterless pins and roll on 3" non-marking wheels for transport. Entire unit shall be coated with grey hammertone powder coat paint. Vinyl covered 2" thick foam pad designed specifically for use with HORIZON portable base units shall be included (choice of 16 colors). Unit shall weigh approx. 60 lbs. and shall be covered by a Lifetime Limited Warranty.