



Astro Complete & Astro Complete-SBS Competition Volleyball System

Uprights shall consist of an external 3 ½" outside diameter, ¼" wall 6063-T6 aluminum tube and a 3" outside diameter 6061 -T6 aluminum telescoping inner pole. 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. Bottom of outer tube shall be fitted with a non-marking footpad to eliminate floor damage. Non-winch standards shall weigh approximately 30 lbs. and winch end standard shall weigh approximately 35 lbs.

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 and shall be tensioned by means of no less than two ratchet style rope tensioners per end.

Net height shall be infinitely variable from a minimum of 78" to 96" with a single threaded release knob per standard. Height setting shall be clearly identified on the inner telescoping tube.

Top and bottom ropes shall be covered between the standards and the edge of the net for player safety by no less than ½" thick foam padding with white vinyl cover. Each standard shall be padded to a minimum height of 72" with 1 ½" thick high density foam covered with vinyl in customer's choice of 12 school colors. System shall include official boundary antennas.

Floor plates shall be constructed of chrome plated steel with hinged lid. Floor sockets shall be welded steel powder coated black.

Upright standards shall carry no less than a Lifetime Limited 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.

Astro Complete-SBS shall be the same as described above with an additional winch standard, center post pad, floor socket, net, antennas and side tape tensioners to complete "side -by-side" court.

Entire Astro Complete system shall weigh 150 lbs.
Entire Astro Complete-SBS shall weigh 230 lbs.