



## ***Specifications for Portable Pro II***

### **MODEL NO. SNAVB8100**

System shall be capable of providing 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 square tile, and synthetic, and allow suspension of no less than 250# from the center of the net when fully tensioned – without movement of the bases. Bases shall be tapered toward the court to maximize sightlines for the down judge and safety for the players.

Primary structural steel components shall be a minimum of 4" x 2" tubing with a minimum 1/8" wall thickness. All pivot points to facilitate folding, transport, and storage shall be 1/4" steel pins riding on oil-impregnated bronze bearings. Welded base shall provide a fully-enclosed ballast compartment which is properly loaded with steel ballast at the factory. System shall be capable of set-up by one person. All steel components shall have a grey hammer-tone powder-coated finish. Entire system shall rest on the floor when in the transport position on eight (8), 8"-diameter 2"-wide urethane casters. When rolled into playing position, front of system shall be lifted from the front wheels onto three (3) urethane skid bars. Front swivel casters shall be raised automatically when the uprights are pivoted into playing position, thus lowering the skid bars to contact the floor.

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" steel outer tube shall have a minimum wall thickness of .22". The inner telescoping pole shall be 6061-T6 aluminum tubing, and shall have a 2-1/2" 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 80" to a maximum of 98" with a single, spring-assisted, threaded release knob per post, and have the capability of being locked into place at men's and women's height with a detent locking pin. Men's and Women's net height settings shall be clearly identified on the inner telescoping tube by machined markings.

The net shall be one meter high, be constructed of black polypropylene 3.5mm knotless woven webbing, have a Kevlar top rope and a polypropylene bottom rope. The top rope shall rest on rope-saving top domes. The top, bottom, and sides of the net shall be finished with white-coated tarpaulin fabric with double-stitched, hemmed edges. The top of the net shall be tensioned by means of a machined winch with a 26:1 ratio worm gear mounted on the official's platform standard. All winch shafts shall rotate in sealed ball bearings. Winch shall be designed to have a non-removable folding handle, and shall tension to a 2"-wide nylon webbing strap which is attached to the net top rope. Net bottom rope shall be tensioned by means of a ratcheting-style tension device. Each net side tape shall have internal fiberglass dowels and shall be tensioned by means of no less than two (2) ratchet-style rope tensioning devices per end.

Top and bottom net ropes shall be covered for players' safety between the standards and edge of the net 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 height of 72" with a combination of 2"- and 1"-thick high-density foam covered with vinyl. Padding is available in 12 colors. Custom screen printing shall be available for base padding. System shall include official boundary antennae. Padding shall be available in 16 color options – Black, Brown, Gray, Purple, Maroon, Scarlet, Cardinal, Burnt Orange, Orange, Forest Green, Kelly Green, Gold, Vegas Gold, Columbia Blue, Royal Blue, Dark Royal, Pink, and Navy Blue.

System weight shall be approximately 1500# per base. Padded base shall be approximately 40" in width and 48" in length. Total stored dimension shall be approximately 41" in width, 69" in length, and 53" in height per base. Official's Stand Base shall have non-collapsing handrails which shall store at 85" in height. Point loads shall be 120lb/sq.in. on rear wheels and 38 lb/sq.in on front wheel in the Transport Position, and 24lb/sq.in. in the Playing Position.

System shall carry a limited lifetime warranty on winch and steel bases. Entire system shall meet or exceed all NCAA, USVBA, NFHS, and FIVB requirements for competition.



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### ***Portable Pro II Center Post***

#### **MODEL NO. SNAVB810**

Addition of the Portable Pro II Center Post shall allow user to expand a Portable Pro II single net system into a 2-net set-up. Primary structural steel components of portable base shall be a minimum of 4" x 2" tubing with a minimum 1/8" wall thickness. Interior of base shall be filled with concrete to provide ballast weight. While in use, base shall rest on two (2) 34" x 2" hard rubber skid bars to prevent movement and protect floor surfaces. Base shall have two (2) 8" diameter, 2" wide urethane casters, and shall be moved with the aid of a provided steel Transport Dolly. Base shall contain a 3" floor sleeve to accept the provided center post. Center post shall be a 3" OD steel post with a telescoping aluminum top section capable of infinite height settings between 72" and 98". Pin stop settings for Juniors, Women's, and Men's heights are included.

Unit weight shall be approximately 600# per base. Base shall be approximately 34" in width, 34" in length, and 8" in height. Padded base shall be approximately 38" in width, 38" in length, and 9" in height. Post shall collapse to aluminum height of 72" for convenient storage. Point loads shall be 100lb/sq.in. in the Transport Position, and 5lb/sq.in. in the Playing Position.

System shall carry a limited lifetime warranty on winch and steel bases. Entire system shall meet or exceed all NCAA, USVBA, NFHS, and FIVB requirements for competition.

### ***Portable Pro II Center Post Padding***

#### **MODEL NO. SNAVB810P**

It is recommended that the Center Post Padding kit be utilized to safely pad the Portable Pro Center Post and Base. Padding shall be 1" thick dense foam with vinyl covering. Padding shall completely cover the base unit, and shall cover the center post to a height of 72". Padding shall be available in 16 color options – Black, Brown, Gray, Purple, Maroon, Scarlet, Cardinal, Burnt Orange, Orange, Forest Green, Kelly Green, Gold, Vegas Gold, Columbia Blue, Royal Blue, Dark Royal, Pink, and Navy Blue.