

## **Centerline Elite Steel Hybrid Systems**

### **VB2000 (VB2000NS) Bison Centerline Elite Steel Volleyball System**

#### **Applies Also to VB20 and VB200**

Standards shall be DOM welded steel tube. The telescoping design shall insure that no portion of the standard protrudes above the top of the net at any net height setting on either end. The 3" outer tube shall have a minimum wall thickness of .22" and have a powder coated finish. The inner pole shall be 6061-T6 aluminum tubing and 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. Bottom of outer tube shall be fitted with a threaded adjustment assembly with a non-marking rubber footpad to allow for fine tuning pole height, and to eliminate floor damage. Non-winch standards shall weigh a maximum of 61# and winch end standard shall weigh a maximum of 66#.

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. For replacement net order VB1250K. The top rope shall rest in the groove of 4" diameter aluminum pulleys on the top of each standard. 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 an aluminum machined winch with a 26:1 ratio worm gear mounted on one end. All winch shafts shall rotate in sealed ball bearings. 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 fiberglass dowels and shall be tensioned by means of no less than two ratchet style rope tensioners per end. For replacement Ratchet Net Tensioning Kit order VB1200RR.

Net height shall be infinitely variable from a minimum of 72" to 96" with a single threaded release knob per standard and have the capability of being locked into place at men's and women's height with a detent locking pin. Height setting shall be clearly identified on the inner telescoping tube by machined markings.

Top and bottom ropes shall be covered for player safety between the standards and the edge of the net by no less than 1/2" thick foam padding with white vinyl cover. Each standard shall be padded to a minimum height of 72" with 1 1/2" thick high-density foam covered with vinyl in your choice of 12 school colors. Padding can, at the option of purchaser, be printed with up to 10 letters per side. For replacement padding order VB51P. System shall include official boundary antennas. For replacement antennas order VB13.

Floor sockets (excluded on VB2000NS) shall be aluminum extrusions. Floor plates (excluded on VB2000NS) shall be constructed of machined cast bronze with a hinged lid. Each system shall include free adapter sockets VB335 (3 1/2" to 3"), VB340 (4" to 3"), VB354 (4" to 3 1/2"). For socket depth adapter order VBDSS.

System shall carry no less than a limited lifetime warranty on winch and standards.  
System shall have a 5-year padding warranty and a two-year net and antenna warranty.

Entire system shall meet or exceed all NCAA, USVBA, NFHS and FIVB requirements for competition.

Entire package shall weigh 220#.

## **VB2002 (VB2002NS) Bison Centerline Side-by-Side Elite Steel Volleyball System**

Systems shall consist of three (3) standards, two (2) with winches and one (1) center post without a winch suitable for setup as two side-by-side volleyball courts.

Standards shall be DOM welded steel tube. The telescoping design shall insure that no portion of the standard protrudes above the top of the net at any net height setting on either end. The 3" outer tube shall have a minimum wall thickness of .22" and have a powder coated finish. The inner pole shall be 6061-T6 aluminum tubing and have a 2-½" 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. Bottom of outer tube shall be fitted with a threaded adjustment assembly with a non-marking rubber footpad to allow for fine tuning pole height, and to eliminate floor damage. Nonwinch standards shall weigh a maximum of 61# and winch end standard shall weigh a maximum of 66#.

Two nets 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 the groove of 4" diameter aluminum pulleys on the top of each standard. 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 an aluminum machined winch with a 26:1 ratio worm gear mounted on one end. All winch shafts shall rotate in sealed ball bearings. 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 fiberglass 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 72" to 96" with a single threaded release knob per standard and have the capability of being locked into place at men's and women's height with a detent locking pin. Height setting shall be clearly identified on the inner telescoping tube by machined markings.

Top and bottom ropes shall be covered for player safety between the standards and the edge of the net by no less than ½" thick foam padding with white vinyl cover. Each standard shall be padded to a minimum height of 72" with 1½" thick high-density foam covered with vinyl in your choice of 12 school colors. Padding can, at the option of purchaser, be printed with up to 10 letters per side. System shall include two pair official boundary antennas.

Three (3) floor sockets (excluded on VB2002NS) shall be aluminum extrusions. Floor plates (excluded on VB2002NS) shall be constructed of machined cast bronze with a hinged lid. Order VB23 for additional floor sockets and plates. Each system shall include free adapter sockets to allow installation into existing 3 ½" or 4" floor sockets and free deep sockets adapters upon request.

System shall carry no less than a limited lifetime warranty on winch and standards. System shall have a five-year padding warranty and a 2-year net and antenna warranty.

Entire system shall meet or exceed all NCAA, USVBA, NFHS and FIVB requirements for competition. Entire package shall weigh 310#.