

SPECIFICATIONS

PORTER No. GP732280 CEILING SUSPENDED INDOOR WEIGHT THROWING CAGE

Size of rear cage portion is to meet the 2.5 meter distance from the center of the circle to the net and the 3.66 meter tall net height as detailed in the NCAA Rules. The net shall be constructed of 600lb test, #72 knotted weather treated nylon. For compact storage, the supporting frame may be lowered to approximately 3' above the floor in order to place the netting on top of the frame, requiring a minimum of space in the raised and stored position.

Supporting frame of cage shall be constructed of 1-7/8" O.D. heavy-wall electro-plated tubing with cross spreader spanning across the perimeter frame. Tee fittings shall be provided at the spreader junction. Hoist cables (6) shall be of 1/8" diameter, vandal proof galvanized cable (2,100 lb. breaking strength each cable). Bottom end of each cable shall terminate in a sling arrangement for proper support of frame assembly. Adjustable collars shall be provided for securing cable/sling to supporting frame, allowing for proper support and leveling of frame assembly.

Hoist cables shall be routed through pulley assemblies positioned above each frame attachment adjustable collar location. Upper ends of hoist cable shall terminate at a winch traveling clew assembly. System shall be folded to the overhead storage position by means of a No. 00707-000 3/4 H.P. electric winch (see Page No. B-706-1 for complete specifications) with integral up-and-down limit switches. Winch hoist cable shall be 1/4" dia. galvanized aircraft cable with a 7,000-lb. ultimate breaking strength. Winch shall be controlled by a special dual-keyed, flush wall mounted momentary key switch, which cannot be instantly reversed, providing a safety provision and preventing damage to the winch or support system.

Wiring of all electrical components shall be in accordance with local codes and in accordance with manufacturer's instructions. All conduit, wiring, junction boxes, and components not specified herein shall be furnished and installed by the electrical contractor.

Warning Signs: Consists of three (3) warning signs constructed of polyethylene board 10" x 14". The warning signs will be fastened to the outside of the net, at eye level, facing outward, at the front sides of the throwing cage and at the rear of the throwing cage.

Ceiling suspended door sections shall consist of two (2) vertical drop-frame units with folding side brace assemblies to automatically fold entire unit (including doors, padding, etc.) to the ceiling with a single electrically operated winch.

Vertical frames shall be fabricated into a unitized unit with a 3-1/2" OD heavy-wall drop-tube bridged with truss-type webbing of 3/4" x 1-1/2" rectangular tubing to provide superior stability. Top of frames shall be supported by special adjustable hangers (two each frame) to provide for precise plumbing of frame during installation. Support hangers shall be offset 1" from centerline of vertical frames to properly weight lock entire system in position.

Vertical drop frame assemblies shall be fitted with doors similar to those used on Indoor Portable throwing cages such as Gill Athletics Model 732250 NCAA Portable Indoor Cage.

Each vertical frame shall be laterally braced with a special 1-7/8" (4.8cm) O.D. diagonal brace assembly, incorporating a folding knee-joint type mechanism. Knee joints lock braces in playing position for maximum stability by means of a torsion spring system, which is easily disengaged by upward force of the hoist cables. All metal parts shall be painted one (1) coat of flat black enamel.

System shall be folded to the overhead storage position by means of a No. 00707-000 3/4 H.P. electric winch with integral up-and-down limit switches. Hoist cable system shall be 1/4" diameter galvanized aircraft cable with a 7,000-lb. ultimate breaking strength operating through 4" diameter swivel pulley assemblies rated at a minimum 9,000-lb. load rating.

Wiring of all electrical components shall be in accordance with local codes and in accordance with manufacturer's instructions. All conduit, wiring, junction boxes, and components not specified herein shall be furnished and installed by the electrical contractor.