



GARED MODEL 9405/ 9407/ 9408

HOOPMASTER PORTABLE BASKETBALL GOAL

Model 9408 Gared Hoopmaster Portable Basketball Backstop as manufactured by Gared, Noblesville, Indiana.

- A. **Frame:** The base of the frame shall be constructed of tubular steel members 2"x4"x 1/8" to form a single heavy duty unitized frame. The vertical mast and horizontal extension "boom" shall be formed from 2"x4"x3/16" with 1.5" x 1/4" tubular steel braces. All pipe and tubing shall meet or exceed ASTM A513 structural steel specifications. The boom shall length shall extend 8' from the front of the unit to the face of backboard. The boom height clearance will be 9'-6" for player safety. The front of the frame shall be fitted with a positioning pin at both sides to guarantee correct placement during play. A lift mechanism will raise the unit off the wheels in the front for stabilization.

Height Adjustable between 10' to 8'

- B. **Ballast:** Each unit shall have a minimum ballast weight of 900lbs. permanently built into the rear of the unit.
- C. **Wheels:** Each unit shall be transported on two 8" diameter caster wheels with non-marking polyurethane treads and two 6" swivel castor wheels. The rear wheels shall have minimum load rating of 1800lbs and the front wheels will have a rating of 900lbs.. The wheels shall be supported on steel roller bearings and shall have grease fittings for internal lubrication.
- D. **Anchors:** Each unit shall be furnished with a floor anchoring system to lock the unit down in the back of the backstop per NCAA specifications.
- E. **Padding:** Main vertical mast, horizontal boom extension and front area shall be padded with a 2" thick heavy duty polyurethane foam and covered with a 14oz. tear resistant vinyl. All padding shall be attached in a manner allowing quick replacement.

Subject to design change and current manufacturing practices.
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- F. Finish: All exposed metal surfaces will be White Baked On Powder Coat finish. Custom Colors are available as an add option.
- G Folding Cycle: Each unit shall be raised by four heavy duty tension springs located in the base. An additional fifth spring will be required if the unit includes a shot clock mount. The maximum effort to raise or lower the unit shall be sixty pounds applied by one person at the handle provided on the rear upright. A telescoping locking bar with a safety locking pin shall be used to hold the unit in full up and full down position.
- H. Goal and Backboard Attachment: The goal and backboard shall utilize a direct goal attachment completely eliminating the stress on the glass.

RECTANGULAR GLASS BACKBOARDS

- A. Model No. AFRG42 Aluminum Framed Rectangular Glass Backboard Gared Sports Systems Inc., Noblesville, IN.
- B. Backboards shall be 42 inches high by 72 inches wide.
- C. Backboard shall be manufactured from 1/2" tempered glass set in heavy extruded aluminum or steel framing and cushioned by shock absorbing vinyl. Official border and target area permanently fired into glass.
- D. Goal mounting structure shall be a heavy welded formed steel assembly, and directly attached to lower horizontal frame member to minimize stress on glass.
- E. Backboard shall have limited lifetime warranty against defects in material and workmanship, and when used with Gared's Direct Goal Attachment feature shall be protected against shatter and breakage of glass. Board must meet NCAA, FIBA and NFSHSA specifications.
- F. Provide Model No. 1330 Pro Mold Bolt-On Cushion Edge by Gared, Noblesville, IN. Available in ten (10) standard colors (color to be determined by Architect). Five (5) year warranty.

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2.5 BASKETBALL GOAL

- A. Model No. 2000+ Breakaway Goal as manufactured by Gared, Noblesville, IN.
- B. Goal shall be fabricated from 5/8" diameter cold drawn alloy steel round formed to an 18" inside diameter ring. Inside of ring shall be positioned 6" from face of backboard by heavy, formed steel hinged-type housing with removable cover to conceal mounting bolts and shock absorption mechanism of goal and to protect against finger entrapment.
- C. Goal shall be designed to absorb shock loads from slam dunking or hanging on rim. Shock absorption feature shall be provided by means of a special offset hinge arrangement rim and back plate mounting housing with concealed molded rubber shock absorber.
- D. Goal shall meet NCAA, FIBA and NFSHSA specification on moveable rims, which states, "A moveable basket ring shall have rebound characteristics identical to those of a non-moveable ring." Goal shall be factory set to proper flex and rebound requirements.
- E. Goal shall be finished in durable, electrostatic powder coated official orange finish.
- F. Goal shall be furnished complete with heavy-duty white anti-whip nylon netting and mounting

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