



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.



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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.

Subject to design change and current manufacturing practices.
Revised January 31, 2008 © 1999 Gared

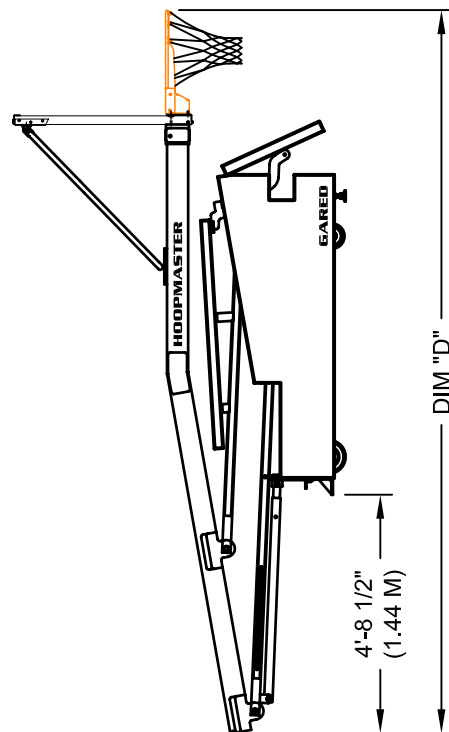
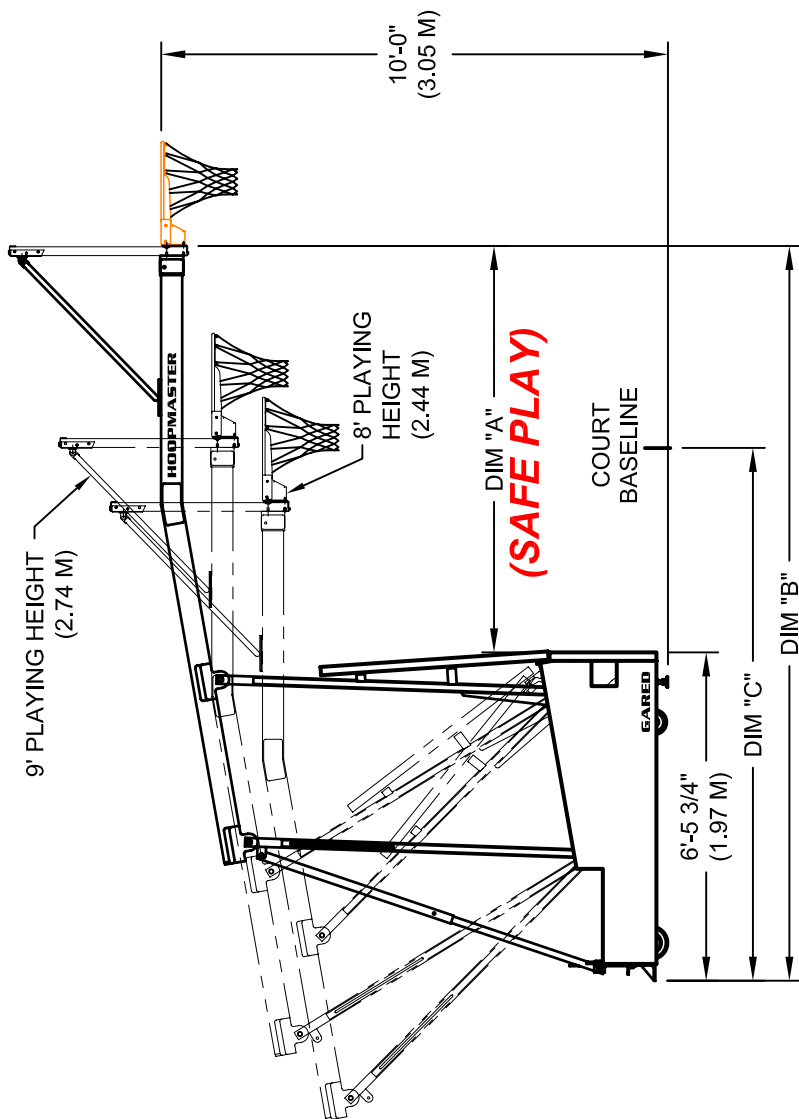
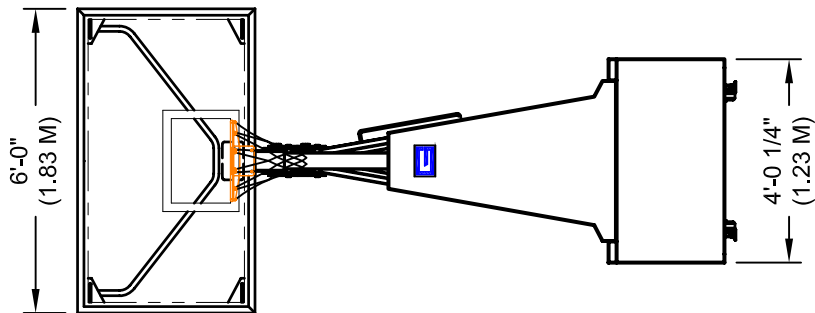


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2.5 BASKETBALL GOAL

- 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 NFHS 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



PLAYING HEIGHT	DIM	9405	9407	9408
10' (3.05 M)	"A"	5'-0" (1.52 M)	7'-0" (2.13 M)	8'-0" (2.44 M)
	"B"	11'-6 1/4" (3.51 M)	13'-6 1/4" (4.12 M)	14'-6 1/4" (4.43 M)
	"C"	7'-6 1/4" (2.29 M)	9'-6 1/4" (2.90 M)	10'-6 1/4" (3.20 M)
9' (2.74 M)	"A"	1'-2 1/4" (.36 M)	3'-2 1/4" (.97 M)	2'-2 1/4" (.67 M)
	"B"	7'-8 1/4" (2.34 M)	9'-8 1/4" (2.11 M)	10'-8 1/4" (2.95 M)
8' (2.44 M)	"A"	-	1'-11" (.58 M)	2'-11" (.89 M)
	"B"	-	8'-5 1/4" (2.57 M)	9'-5 1/4" (2.88 M)
STORAGE	"D"	12'-0 1/4" (3.66 M)	13'-3 1/4" (4.04 M)	14'-3 1/4" (4.35 M)

DIMENSIONS IN	FEET & INCHES
	(METERS)

REVISION		
REV.	DATE	BY
-	-	-


Product Specifications
www.TopHoops.com
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HOOPMASTER

DRAWN	RWP	DATE	04/23/08	MATERIAL	N/A
APPROVED	CONNERLEY	DATE	06/02/08	FINISH	N/A
FILE LOC. Q:\Final Release\Specifications				DWG. NO. 9408	
SIZE	SCALE	SHT. NO.	PART NO.	REV	
A	NONE	1 OF 1	9408	-	



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HOOPMASTER PORTABLE BASKETBALL GOAL

FRAME

The perimeter of the base shall be constructed of 2" x 4" x 1/8" tubing to form a single heavy duty unitized frame. The vertical mast and horizontal extension shall be formed from 2" x 4" x 3/16" with 1.5" x 1.5" x 1/4" tubular steel braces. The backboard shall be supported by a direct mounting through the goal to the main boom and a 1.5" formed tube to the upper corners of the board.

BALLAST

Each unit shall have a minimum ballast weight of 900 lbs., permanently built into the rear of the unit. Total unit weight including ballast is 200 lbs.

WHEELS

Each unit shall be transported two 8" diameter castor wheels and two 6" diameter swivel casters with non-marking polyurethane treads. The rear wheels have a load rating of 1800 lbs. each and the front casters have a rating of 900 lbs. each. The wheels shall be supported on steel roller bearings and shall have grease fittings for internal lubrication.

FINISH

Each unit shall be finished in a white powder coat enamel finish. Custom colors are available upon request.

PADDING

Main vertical mast and front face area shall be padded with a minimum of 2" thick heavy-duty polyurethane foam and covered with a 14 ounce tear resistant, mildew resistant vinyl. All other portions shall be padded with 2" thick foam covered with the same 14 ounce vinyl. All padding shall be attached in a manner for quick replacement. Glue-on type padding will not be considered equal.

FOLDING CYCLE

Each unit shall be raised by 4 heavy duty tension springs located in the base. The addition of a fifth spring will be required when shot clock options of more than 60 pounds are added. The maximum effort to raise or lower the unit shall be 60 pounds applied by one person at the handle provided on the rear upright. A telescoping locking bar with safety locking pin shall be used to hold the unit in full up and full down position.

CERTIFICATIONS

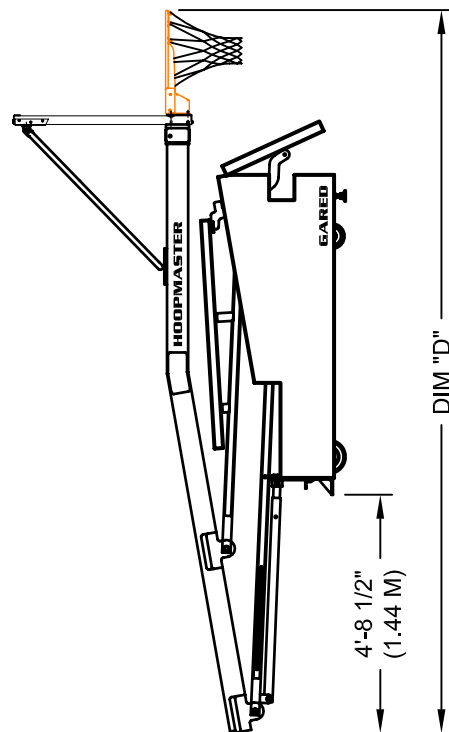
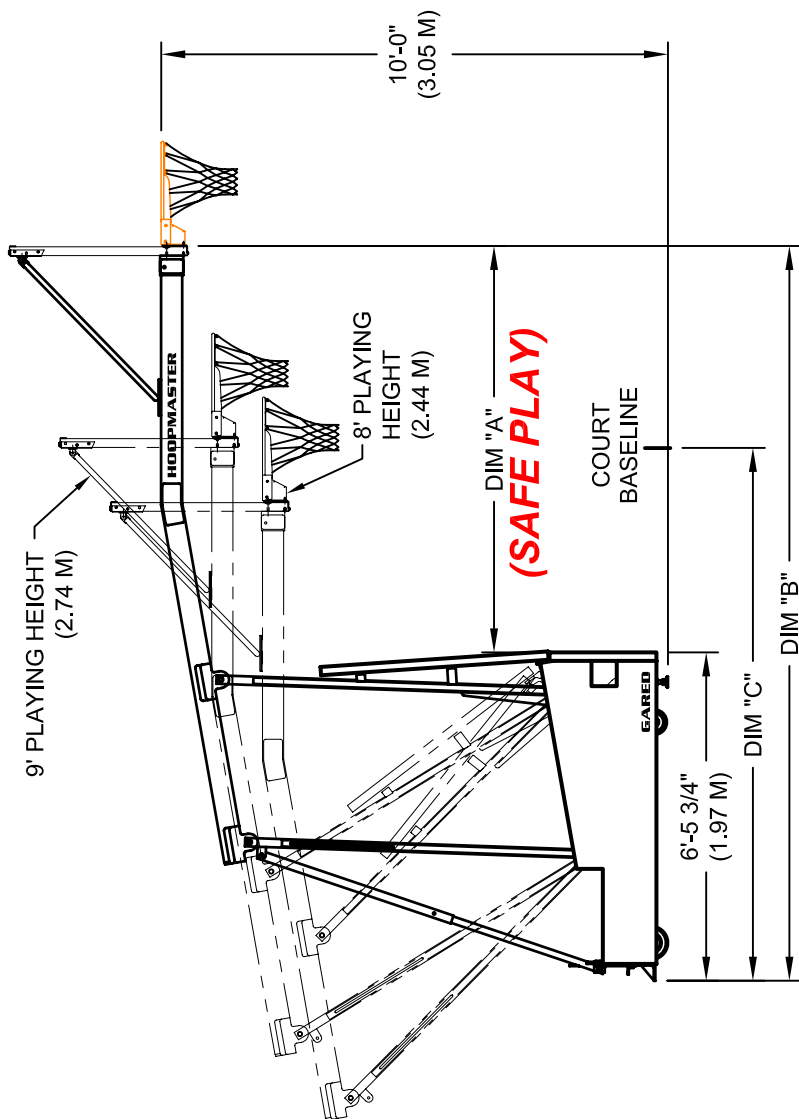
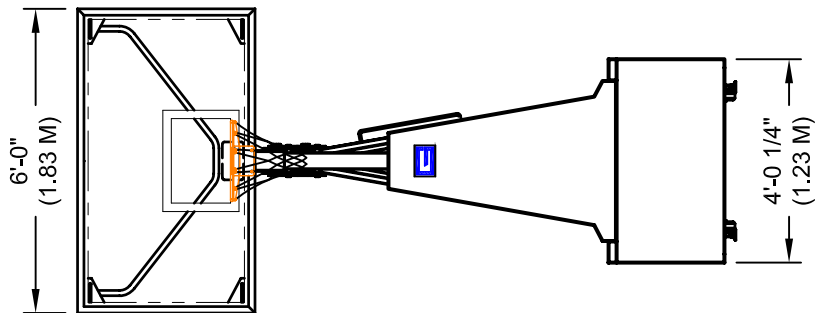
Unit meets all requirements of the NCAA and NFHS. Model 9408 is approved by FIBA for international Level 3 competition. Certificate of Approval available.



Model 9405 - 5'-0" extension

Model 9407 - 7'-0" extension

Model 9408 - 8'-0" extension



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