



PLAYING HEIGHT	DIM	MODEL
10' (3.05 M)	"A"	5016
	"B"	5018
	"C"	
STORAGE	"D"	

DIMENSIONS IN	FEET & INCHES (METERS)

REVISION		
REV.	DATE	BY
A	12/13/09	JJC
B	01/12/10	JJC
C	09/19/12	JJC



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GARED PRO - HYDRAULIC OPERATED

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.	5018
SIZE	SCALE	SHT. NO.	PART NO.		REV
A	NONE	1 OF 1	5018		C



**GARED PRO**  
**PORTABLE BASKETBALL GOAL**

**FRAME**

The perimeter of the base shall be constructed of MC6 x 16.3 channel and 6" x 6" x 1/2" steel angle welded together with 6" x 4" x 5/16" tubing to form a single heavy duty unitized frame. The vertical mast and horizontal extension shall be formed from 10- gauge plate steel welded together and ground smooth for a seamless appearance. The backboard shall be supported by a series of 3" x 3" x 3/16" square tubes and formed 3/16" plate steel welded together in a "u-shaped" design that allows for a totally unobstructed view from behind the unit.

**BALLAST**

Each unit shall have a minimum ballast weight of 1000 lbs., permanently built into the rear of the unit. Total unit weight including ballast is 3200 lbs.

**WHEELS**

Each unit shall be transported two 12" diameter wheels and two 6" diameter swivel caster with non-marking polyurethane treads. The rear wheels have a load rating of 3400 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 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 1" 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 a 1 HP, heavy-duty pump. The pump incorporates 3000 psi. of lift and two flow control valves for precise speed control during lifting. There shall be an internal safety locking system which consists of check valves that insures against any rapid change in direction of the unit due to failure of the hydraulic system. A hydraulic cylinder with a 2" diameter bore x 14" stroke shall raise each unit. Locking control box shall be incorporated to prevent unauthorized operation. For safety there shall be a bolt locking the unit into playing position.

**CERTIFICATIONS**

Unit meets all requirements of the NCAA and NFHS. Model 5018 is approved by FIBA for international Level 1 competition and Model 5016 is approved for Level 3 competition. Certificate of Approval available.



**Model 5016-** 8'-0" extension

**Model 5018-** 10'-8" extension

Subject to design change and current manufacturing practices.  
Revised April 4, 2008 ©2008 Gared Holdings, LLC