

**WallMonster Playground Basketball System**

1. **WALL MOUNTING STRUCTURE** – Structure shall be all welded steel construction. Two ¼” thick wall struts shall be provided with four mounting holes per side for ease of attachment (hardware for attachment to wall not provided). These items shall be designed to be mounted to virtually any vertical wall surface. Attachment area required shall be approximately 28”x 46”.
2. **EXTENSION ARMS** - Adjustable extension arms shall be constructed of dual 2” x 2” tubing. A height adjustment crank cylinder shall be mounted within the extension arms and have a minimum 11,000# capacity rating. Standard 48” offset installation shall allow for rim height to be adjusted infinitely from 10’ down to 7 ½’ while alternate 36” offset installation is adjustable from 10’ down to 6’. Four springs mounted in the extension assembly shall be included to minimize the amount of effort required to adjust the goal height when raising or lowering the unit. A removable crank handle shall be provided. Design shall permit the rim to be mounted directly to the extension arm through the backboard so as to reduce stress on the backboard. An easy-to-read height adjustment label shall register rim height.
3. **BACKBOARD** – Backboard shall be 42”x 60” rectangular steel. Skin shall be 10 gauge steel with ¼” thick vertical struts. Backboard shall have a white powdercoat finish, and have an official orange shooters square.
4. **RIM** - Standard rim shall be fabricated from 3/16” backplates and sideplates fully welded. Rim shall be double 5/8” diameter, high strength steel welded together at a minimum of six places. Nets shall be attached by means of a continuous netlocking system constructed of 3/16”x 1” steel with punched slots that facilitate the use of either nylon or chain nets (nylon net included). The entire rim shall be powdercoated orange. Other rims including outdoor breakaway rims shall be available.
5. **WARRANTY** - Structure, backboard, and standard rim shall carry Lifetime Limited Warranty. Entire system weight shall be approximately 320#.