

RoofMaster Endura Basketball System

ROOF MOUNTING STRUCTURE – Structure shall be all welded steel construction. Two ¼” thick roof struts shall be provided with elongated slots for ease of attachment (hardware for attachment to roof not provided). Two 1 ¾”x 1 ¾” perforated tubes, I-Rod and 3/16” thick support channel shall also be provided. These items shall be designed to form a variety of configurable shapes allowing the structure to be mounted to virtually any roof pitch. Attachment area required shall be approximately 36”x 54”. Two safety brackets and turnbuckles shall be included to further secure the structure to the roof.

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 2000# capacity rating. Standard installation shall allow for rim height to be adjusted infinitely from 10’ down to 7 ½’. Two 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.

BACKBOARD -Backboard shall be 36”x 60” rectangular aluminum. Skin shall be 10-gauge aluminum pan. Backboard shall have a white powder coat finish and have an official orange shooters square.

RIM - Standard rim shall be fabricated from 3/16” backplates and side plates 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 net locking system that facilitates the use of either nylon or chain nets (nylon net included). The entire rim shall be powder coated orange. Other rims including outdoor breakaway rims shall be available.

WARRANTY - Structure, backboard, and standard rim shall carry Lifetime Limited Warranty. Entire system weight shall be approximately 280#.