

First Team, Inc.
Product Specifications – 10/11/2023

VersiVector Nitro Basketball System

1. **WALL STRUCTURE FT1992 VERSISTRUT** – Construction shall be 100% fully welded. Entire wall mount bracket shall be constructed of .25" thick steel. Wall bracket shall be designed to allow extension arm to securely bolt to the front vertical channel. All hardware shall be grade 5 zinc plated. Structure shall be finished with black powder coat paint. Steel structure shall secure to (3) 2"x 8" wallboards made of Dense Southern Yellow Pine. Wallboards shall be routed on four sides and be covered with a clear coat sealant. Wallboards shall be attached to support wall with fasteners provided by installer. Two turnbuckles shall extend down from top wallboard at roughly a 45 degree angle to support steel structure.
2. **EXTENSION ARMS** - Adjustable extension arms shall be constructed of dual 2" x 2" tubing. Extension shall allow for a minimum 32" from front of post to face of backboard with rim at 10' playing height. The height adjustment crank cylinder shall have a minimum 2000# capacity rating. Adjustment crank shall be located on the front side of post allowing unit to be installed in areas where rear mounting crank goals are impossible. Crank handle shall be removable to prevent unwanted adjustment. Pole structure design shall allow for rim height to be adjusted infinitely from 10' down to 7'. 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. Pole 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** – Constructed of 1/4" thick clear tempered glass with bright white ceramic markings fired into the glass. The framework shall be constructed from clear anodized aluminum "L" type extrusions. Overall backboard size shall be approximately 60" wide and 36" high.
4. **RIM** - Standard rim shall be of a flexible type so as to absorb the stress of player contact. Spring action shall be provided by a heavy duty compression wire spring. A steel cover plate must enclose entire internal mechanism. All structural components shall be built of no less than 3/16" steel. Rim shall be of institutional quality with an official 5/8" diameter high strength steel ring supported by a 3/16" brace supporting 60% of the ring. Rim shall be punched to mount either a 3"x 4" or 5"x 5" hole pattern. Orange powder coated finish.
5. **WARRANTY** - Strut, backboard, and standard rim shall carry Lifetime Limited Warranty. Entire system weight shall be approximately 315#.