

ARIZONA COURTLINES, INC. SPECIFICATIONS
1D-RFRB (ACI MODEL #)
SINGLE MAST - ROLL FOLD - REAR BRACED

STEM / MAIN MAST

Vertical mast shall consist of 6 5/8" O.D. schedule 20 structural steel tubing, with two welded diagonal side braces constructed of 1 1/2" x 3" heavy wall square tubing. A heavy-duty 2" x 4" structural steel channel shall be used for the top support to form a "T" design. This all welded design provides maximum strength and durability.

BACKBOARD / GOAL SUPPORT

The upper bank extension shall be all-welded to prevent movement and locks in backboard dimension at 6" to comply with official NCAA and NFSHSA regulations. The lower goal to mast bracket eliminates the strain on the backboard.

TRACK AND TROLLEY

During folding the basket shall roll on a continuous shaped round track (3-1/2" O.D. steel tubing). The track shall be secured to the overhead support by means of 1/4" thick steel formed brackets. One support bracket per track shall incorporate a drop spacer to slope the track towards the playing position using the units weight to lock into position. Trolley shall be formed from 1/4" thick steel plate. Each trolley shall have four heavy-duty steel rubber coated wheels for smooth rolling on track. Each wheel shall be capable of supporting 300lbs. minimum. Track and trolleys shall be designed so that unit will not fall if any or all wheels fail. Trolley shall be offset 2-1/4" to assist in locking unit into position using units weight. Each trolley shall have vertical adjustment to level stem.

REAR BRACING

Rear brace shall position backstop plumb and in the precise location. Rear brace shall consist of 2 3/8" tubing, which shall fold forward terminating against the stem when backstop is stored in the horizontal position.

OVERHEAD SUPPORT

3 1/2" tubing shall be used for truss spacing which does not exceed 13'-0". For truss spacing which exceeding 13'-0", 6 5/8" tubing shall be used. Pipes shall be furnished with end caps.

NUTS AND BOLTS

All bolts shall be a minimum 1/2" diameter. All 1/2" diameter bolts shall have a pull out strength of no less than 17,000 lbs. and shall have a shearing strength of no less than 12,100 lbs. All nuts and bolts shall be zinc plated.

BACKSTOP / PARTS FINISH

Backstop and all parts shall be painted one coat black paint. Other colors are available.