

**Model 1245-FRBF Forward Roll, Backward fold basketball backstop
(for attachment heights up to 28'-0")**

Backstop main frame assembly shall consist of a vertical frame of (2) 2 3/8" O.D. schedule 40 pipe, spaced at either 2'-11" O.C. or 5'-9" O.C. (determined by the backboard specified) and horizontal cross pipes of 2 3/8" O.D. schedule 40 pipe. Horizontal cross pipes shall be saddle die cut on both ends to ensure full contact welds to the vertical drop pipes. Cross pipes shall be welded 12" below the top of the frame and 12" above the backboard. For backstops with an attachment height greater than 24'-0" A.F.F., a third cross pipe shall be centered between the other cross pipes. Main frame assembly shall also include diagonal cross bracing of 3/8" diameter rod welded between the cross pipes. Main frame assembly shall be supplied with 3/4" dia. 8" long eyebolts to provide adjustability to level frame during installation. All bearing points shall operate on precision bronze oilless type bearings. Special hangers shall be furnished to enable the main frame assembly to roll forward on a track of 2" x 3" 11 ga. steel tubing, thus allowing the backstop to fold in a compacted space

Rear frame assembly shall consist of a vertical frame of (2) 1 7/8" O.D. schedule 40 pipe, spaced at either 2'-11" O.C. or 5'-9" O.C. (determined by the backboard specified) and horizontal cross pipes of 1 7/8" O.D. schedule 40 pipe. Horizontal cross pipes shall be saddle die cut on both ends to ensure full contact welds to the vertical drop pipes. Rear frame assembly shall also include diagonal cross bracing of 3/8" diameter rod welded between the cross pipes and a hinged joint.

The hinged joint locks the backboard into the playing position and is easily disengaged when the hoist cable pulls the hinge joint open. Brace fittings are adjustable to precisely plumb the face of the backboard.

Backstop shall be suspended from a superstructure (of configuration required for attachment to building support members) of 3 1/2" O.D. schedule 40 pipe. When building members are spaced more than 16'-0" apart, horizontal 3 1/2" O.D. support pipe shall be reinforced with 1 7/8" O.D. steel pipe and spacers welded to form bridging. For buildings with a sloped structure, or excessive height, drop cradles will be required.

All metal parts, with the exception of galvanized or plated parts and goals, shall be furnished with (1) coat of a non-asphalt base flat black enamel paint. If special color or finish coat is required, specify "final painting, in colors selected by the architect, to be by the painting contractor after the installation of the backstops is complete".