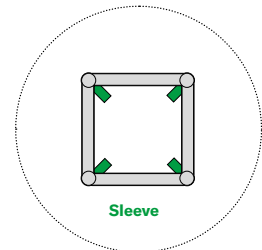
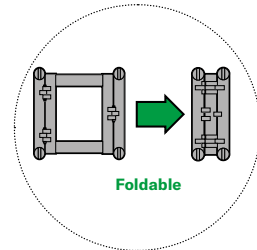


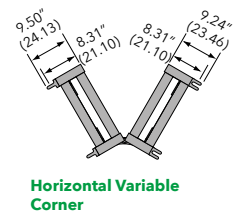
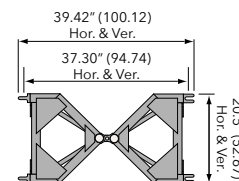
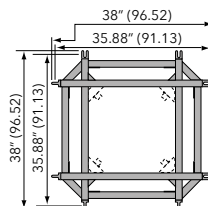
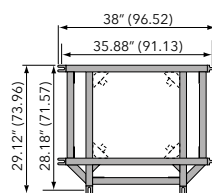
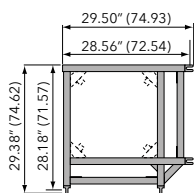
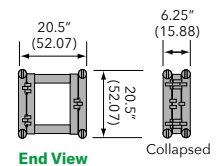
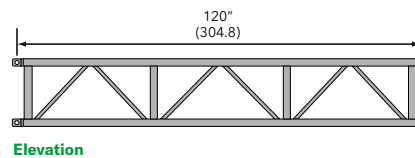
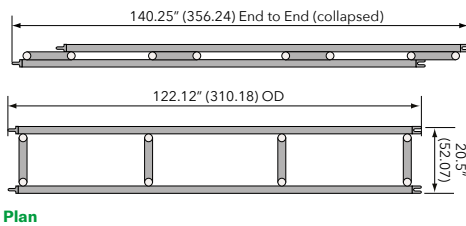
Folding box truss

Medium-duty folding truss 20.5 x 20.5 spigoted

- › Medium-duty folding truss 20.5 x 20.5 spigoted
- › Standard lengths are 10', 8' and 5'
- › Custom lengths available upon request
- › Equipped with steel spigots
- › Main chords are 2" OD x 3/16" aluminum
- › Diagonals are 1" OD x 1/8" aluminum
- › Snap braces provided to lock truss in open position
- › Fabricated by AWS / SFL certified welders



Plan Views – Connector Orientation Specified by Customer



Note: Corners are same as Medium-Duty Truss

Loading chart

Span feet (meters)	Maximum allowable uniform loads			Maximum allowable point loads						
	Load lbs/ft	Load lbs (kgs)	Max Defl in.	center point	Max Defl. in.	third point	Max Defl. in.	quarter point	Load lbs (kgs)	Max Defl. in.
10 (3.05)	920	9200 (4173)	0.06	9204 (4175)	0.09	4602 (2087)	0.08	3068 (1392)	0.07	
20 (6.09)	450	9000 (4082)	0.45	5797 (2630)	0.46	4348 (1972)	0.59	2898 (1315)	0.54	
30 (9.14)	252	7560 (3429)	1.29	3781 (1715)	1.04	2836 (1286)	1.32	1891 (858)	1.23	
40 (12.19)	137	5480 (2486)	2.28	2748 (1246)	1.86	2061 (935)	2.34	1374 (623)	2.18	
50 (15.24)	77	3850 (1746)	3.30	2109 (957)	2.94	1429 (648)	3.33	1025 (465)	3.33	

Spigots Only

Note: Deflections reported in the tables on the left are the maximum expected for full loadings (indoor only). All loads are based on 10' (3.05 m) sections. Other section lengths are available. Load tables are reprinted from engineering reports developed by Parkhill, Smith & Cooper, Inc., Structural Engineers, and apply to truss fabricated after December 1989.

Medium-duty folding truss 20.5 x 20.5 spigoted Connections are steel spigots & 3/4" clevis pins

Product Description	Item Code	Weight lbs (kgs)	
5 FT FOLDING MEDIUM-DUTYTRUSS	TC 2020-060F	85	(38.5)
8 FT FOLDING MEDIUM-DUTYTRUSS	TC 2020-096F	115	(52.2)
10 FT FOLDING MEDIUM-DUTYTRUSS	TC 2020-120F	125	(56.7)
3/4" CLEVIS PIN	TC CP-75	0.4	(0.18)
MEDIUM R-CLIP	TC RC-MED	-	(-)