

# truss

medium duty truss 20.5 x 20.5 spigoted

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Standard lengths are 10', 8' and 5'  
Custom lengths available upon request

Equipped with steel spigot connections  
Main chords are 2" OD x 3/16" aluminum  
Diagonals are 1" OD x 1/8" aluminum  
Studio version available  
Available with casters  
Fabricated by certified welders

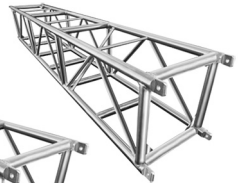
No. of Sects.	Span ft (mtrs)	Maximum allowable uniform loads			Maximum allowable point loads					
		Load lbs/ft	Load lbs (kgs)	Max Defl. in.	center point		third point		quarter point	
					Load lbs (kgs)	Max Defl. in.	Load lbs (kgs)	Max Defl. in.	Load lbs (kgs)	Max Defl. in.
Spigots Only										
1	10 (3.04)	920	9200 (4173)	0.06	9204 (4175)	0.09	4602 (2087)	0.08	3068 (1392)	0.07
2	20 (6.09)	450	9000 (4082)	0.45	5797 (2630)	0.46	4348 (1972)	0.59	2898 (1315)	0.54
3	30 (9.14)	252	7560 (3429)	1.29	3781 (1715)	1.04	2836 (1286)	1.32	1891 (858)	1.23
4	40 (12.21)	137	5480 (2486)	2.28	2748 (1246)	1.86	2061 (935)	2.34	1374 (623)	2.18
5	50 (15.24)	77	3850 (1746)	3.30	2109 (957)	2.94	1429 (648)	3.33	1025 (465)	3.33

Note: Deflections reported in the above tables are maximum expected for full loadings (indoors only). All loads are based on 10' (3.04 m) sections. Load tables are reprinted from engineering reports developed by Parkhill, Smith & Cooper, Inc., structural engineers, and apply to truss fabricated after December, 1989.

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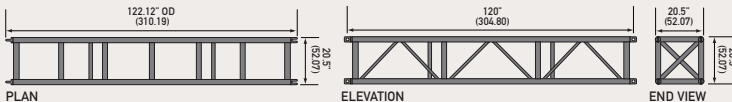
Studio M-D Truss



M-D Truss

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

Product Description	Item Code	Weight lbs (kgs)	Product Description	Item Code	Weight lbs (kgs)
5-FT MEDIUM DUTY TRUSS	TRS 2020-060S	79 (36)	MD ARTICULATING HORIZ. (center pivot)	TRS 2020-AHS	82 (38)
8-FT MEDIUM DUTY TRUSS	TRS 2020-096S	104 (47)	MD ARTICULATING VERT. (center pivot)	TRS 2020-AVS	82 (38)
10-FT MEDIUM DUTY TRUSS	TRS 2020-120S	115 (53)	MD VARIABLE CORNER HORIZ. (book style with brace)	TRS 2020-VHS	62 (28)
MEDIUM DUTY 2-WAY CORNER	TRS 2020-C2S	67 (31)	MD VARIABLE CORNER VERT. (book style with brace)	TRS 2020-VVS	62 (28)
MEDIUM DUTY 3-WAY CORNER	TRS 2020-C3S	90 (41)	MD 2-WAY SLEEVE FOR 12" TOWER	TRS 2020-S2S	79 (36)
MEDIUM DUTY 4-WAY CORNER	TRS 2020-C4S	113 (51)	MD 3-WAY SLEEVE FOR 12" TOWER	TRS 2020-S3S	101 (46)
MEDIUM DUTY 5-WAY CORNER	TRS 2020-C5S	142 (65)	MD 4-WAY SLEEVE FOR 12" TOWER	TRS 2020-S4S	124 (57)
MEDIUM DUTY 6-WAY CORNER	TRS 2020-C6S	168 (77)	3/4" CLEVIS PIN	HDW CP-75	.4 (.18)
5-FT MEDIUM DUTY TRUSS (STUDIO)	TRS 20ST-060S	80 (37)	MEDIUM R-CLIP	HDW RC-MED	- (-)
8-FT MEDIUM DUTY TRUSS (STUDIO)	TRS 20ST-096S	106 (49)			
10-FT MEDIUM DUTY TRUSS (STUDIO)	TRS 20ST-120S	117 (54)			



PLAN VIEWS Connector Orientation Specified by Customer 5-Way & 6-Way Available Sleeve Version [.....]

