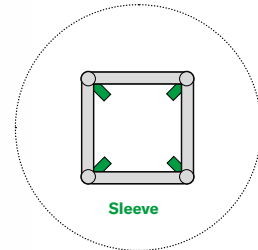


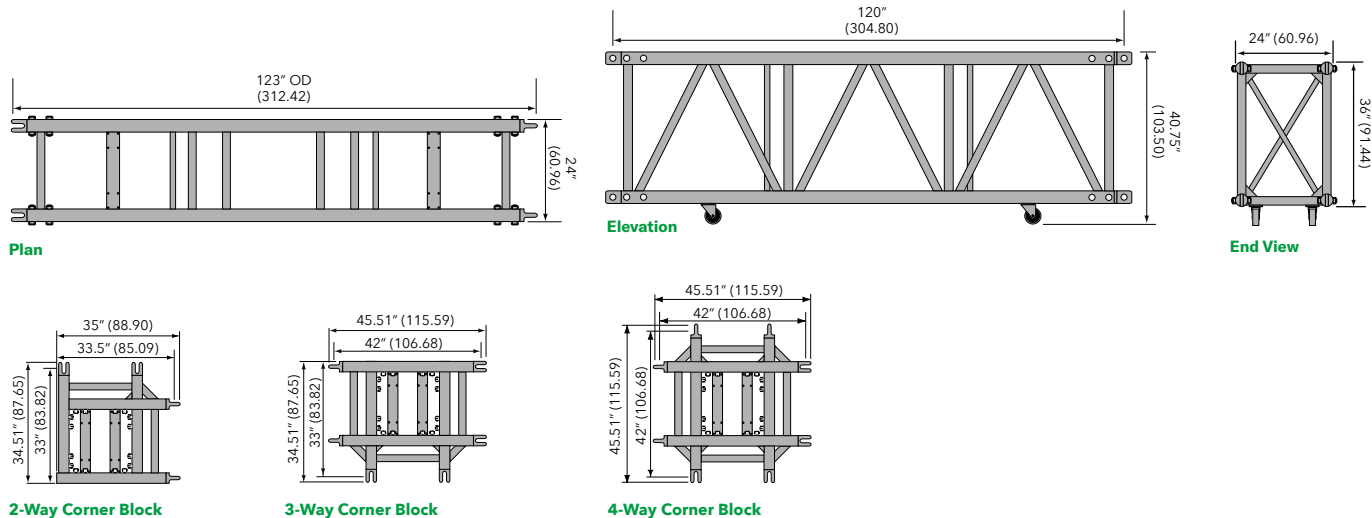
Box truss

Extra heavy-duty truss 36 x 24 spigoted

- › Extra heavy-duty truss 36 x 24 spigoted
- › Standard lengths are 20', 10' and 5'
- › Custom lengths available upon request
- › Equipped with steel spigots
- › Main chords are 3" OD x 1/4" aluminum
- › Diagonals are 1-1/2" OD x 1/8" aluminum
- › Equipped with castors
- › Fabricated by AWS / SFL certified welders



Plan Views – Connector Orientation Specified by Customer



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)
10 (3.05)	2068	20680 (9380)	0.02	20683 (9382)	0.03	10341 (4691)	0.03	6894 (3127)	0.03
20 (6.09)	1011	20220 (9172)	0.16	20220 (9172)	0.25	10111 (4586)	0.22	6741 (3058)	0.20
30 (9.14)	658	19740 (8954)	0.55	17077 (7746)	0.74	9880 (4482)	0.73	6587 (2988)	0.68
40 (12.21)	482	19280 (8745)	1.30	10264 (4656)	1.13	7698 (3492)	1.40	5132 (2328)	1.32
50 (15.24)	376	18800 (8528)	2.55	9877 (4480)	2.20	6020 (2731)	2.27	4459 (2023)	2.33
60 (18.28)	215	12900 (5851)	3.32	6458 (2929)	2.80	4844 (2197)	3.39	3229 (1465)	3.20
70 (21.33)	132	9240 (4191)	4.28	4649 (2109)	3.69	3487 (1582)	4.36	2324 (1054)	4.14
80 (24.38)	68	5440 (2468)	4.82	2733 (1240)	4.30	2050 (930)	4.89	1366 (620)	4.70

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.

Extra heavy-duty truss 36 x 24 spigoted Connections are steel spigots & 1" clevis pins

Product Description	Item Code	Weight lbs (kgs)
5 FT EXTRA HEAVY-DUTY TRUSS	TC 3624-060S	171 (78)
10 FT EXTRA HEAVY-DUTY TRUSS	TC 3624-120S	249 (113)
20 FT EXTRA HEAVY-DUTY TRUSS	TC 3624-240S	402 (182)
EXTRA HEAVY-DUTY 2-WAY CORNER BLOCK	TC 3624-C2S	174 (79)
EXTRA HEAVY-DUTY 3-WAY CORNER BLOCK	TC 3624-C3S	226 (103)
EXTRA HEAVY-DUTY 4-WAY CORNER BLOCK	TC 3624-C4S	278 (126)
EXTRA HEAVY-DUTY 2-WAY SLEEVE BLOCK FOR 16" TOWER*	TC 3624-S2S	270 (123)
EXTRA HEAVY-DUTY 3-WAY SLEEVE BLOCK FOR 16" TOWER*	TC 3624-S3S	325 (148)
EXTRA HEAVY-DUTY 4-WAY SLEEVE BLOCK FOR 16" TOWER*	TC 3624-S4S	380 (173)
1" CLEVIS PIN	TC CP-1	1 (0.46)
LARGE R-CLIP	TC RC-LG	- (-)

*Spans greater than 60 ft require custom sleeves for larger towers