

Box truss

Super beam 13.7 x 10 spigoted truss

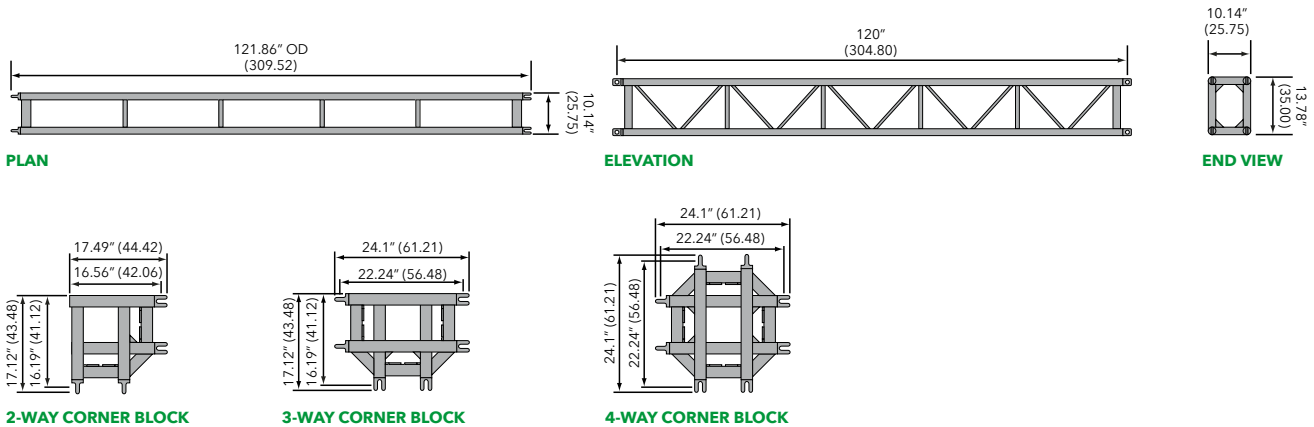


Super beam truss 13.7 x 10 spigoted

- › 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
- › Fabricated by AWS/SFL certified welders



PLAN VIEWS CONNECTOR ORIENTATION SPECIFIED BY CUSTOMER



MAXIMUM ALLOWABLE UNIFORM LOADS



MAXIMUM ALLOWABLE POINT LOADS



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.
10 (3.05)	766	7660 (3475)	0.15	3831 (1738)	0.12	2873 (1303)	0.16	1916 (869)	0.15
20 (6.09)	186	3720 (1687)	0.61	1863 (845)	0.49	1397 (634)	0.63	932 (423)	0.58
30 (9.14)	78	2340 (1061)	1.36	1184 (537)	1.12	888 (403)	1.41	592 (269)	1.32
40 (12.21)	41	1640 (744)	2.44	827 (375)	2.03	620 (281)	2.50	413 (187)	2.35

Spigots Only

Note: Deflections reported in the tables on the left are the maximum expected for full loadings (indoors 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.

SUPER BEAM 13.7X10 SPIGOTED TRUSS
CONNECTIONS ARE STEEL SPIGOTS & 3/4" CLEVIS PINS

PRODUCT DESCRIPTION	ITEM CODE	WEIGHT LBS (KGS)
5 FT SUPER BEAM TRUSS	TC 1310-060S	44 (20)
8 FT SUPER BEAM TRUSS	TC 1310-096S	64 (29)
10 FT SUPER BEAM TRUSS	TC 1310-120S	77 (35)
SUPER BEAM 2-WAY CORNER BLOCK	TC 1310-C2S	27 (12)

PRODUCT DESCRIPTION	ITEM CODE	WEIGHT LBS (KGS)
SUPER BEAM 3-WAY CORNER BLOCK	TC 1310-C3S	38 (17)
SUPER BEAM 4-WAY CORNER BLOCK	TC 1310-C4S	46 (21)
3/4" CLEVIS PIN	TC CP-75	.4 (.18)
MEDIUM R-CLIP	TC RC-MED	- (-)