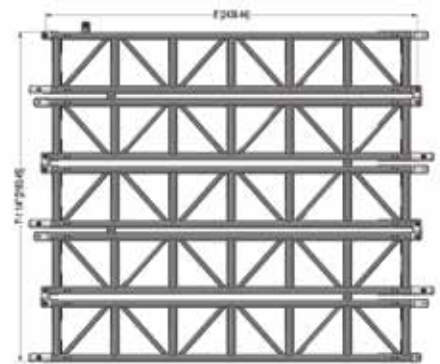


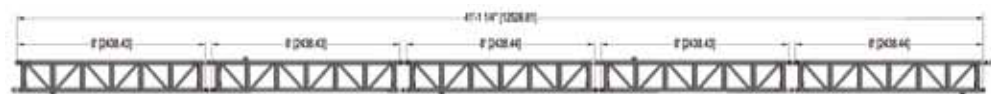
Box truss

Zig-Zag truss

TOMCAT Zig-Zag truss combines aspects of Pre-Rigged Truss, efficient truck packing, and speedy load-in/load-out by utilizing a hinging spigot design that allows the truss system to fold over itself for storage/travel and unfolds via vertical lift and pinning applications. Zig-Zag Truss can be used in both vertical and horizontal lighting applications.



Stacked view



Side view

Loading chart

Span feet (meters)	Maximum allowable uniform loads			Maximum allowable point loads							
	Load lbs/ft	Load lbs (kgs)	Max Defl. in.	center point		third point		quarter point		fifth point	
				Load lbs (kgs)	Max Defl. in.	Load lbs (kgs)	Max Defl. in.	Load lbs (kgs)	Max Defl. in.	Load lbs (kgs)	Max Defl. in.
8 (2.44)	1098	8784 (3984)	0.05	5600 (2540)	0.08	3000 (1361)	0.07	2950 (1338)	0.06	2200 (998)	0.06
16 (4.88)	516	8256 (3745)	0.40	3600 (1633)	0.34	2250 (1021)	0.44	2100 (953)	0.41	1260 (572)	0.43
24 (7.32)	197	4728 (2145)	0.95	2350 (1066)	0.78	1600 (726)	0.99	1300 (590)	0.92	950 (431)	0.96
32 (9.75)	116	3712 (1684)	1.69	2000 (907)	1.39	1180 (535)	1.75	960 (435)	1.63	820 (372)	1.71
40 (12.19)	83	3320 (1506)	2.65	1560 (708)	2.20	1140 (517)	2.66	790 (358)	2.56	680 (308)	2.66

Parts list

Product Description

CHORDS	2"Øx3/16" TUBE
HORIZONTALS (SMALL)	1 1/2"Øx1/8" TUBE
HORIZONTALS (LARGE)	2"Øx1/8" TUBE
VERTICALS	2"Øx1/8" TUBE
DIAGONALS	1"Øx1/8" TUBE
SPIGOTS	STEEL SPIGOTS
END PLATES	PL1/4"
STUDS	2"Ø ROUND