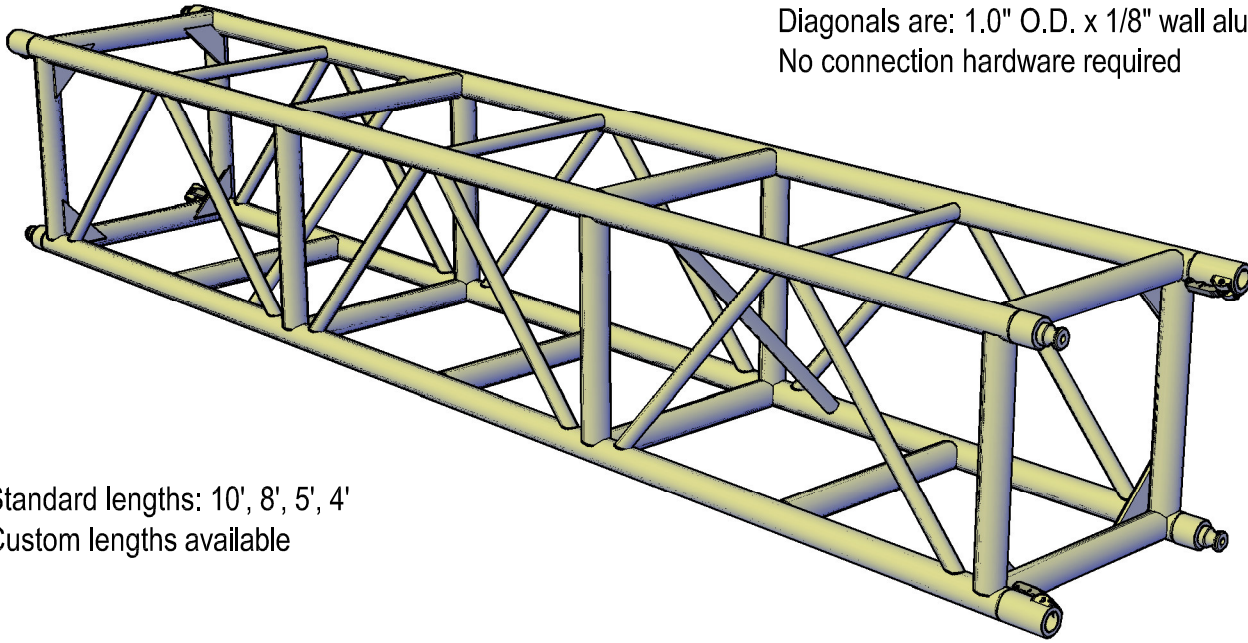




# Xtreme Structures and Fabrication

## 20.5" x 20.5" XLOC

Main Chords are 2.0" OD x 3/16" wall aluminum  
 Diagonals are: 1.0" O.D. x 1/8" wall aluminum  
 No connection hardware required



Standard lengths: 10', 8', 5', 4'  
 Custom lengths available

### MAXIMUM SUPERIMPOSED GRAVITY LOADS

Span (ft) (m)	Uniformly Distributed		Center Point Loads		Third Point Loads		Quarter Point Loads		Fifth Point Loads		
	UDL (lbs/ft) (kg/m)	Total Load (lbs) (kgs)	Max. Defl. (in) (mm)	Load (lbs) (kgs)	Max. Defl. (in) (mm)	Load (lbs) (kgs)	Max. Defl. (in) (mm)	Load (lbs) (kgs)	Max. Defl. (in) (mm)	Load (lbs) (kgs)	Max. Defl. (in) (mm)
5 (1.52)	1956 (2918)	9780 (4436)	0.33 (8)	1 @ 9782 (4437)	0.33 (8)	2 @ 4891 (2218)	0.33 (8)	3 @ 3261 (1479)	0.33 (8)	4 @ 2446 (1109)	0.33 (8)
10 (3.05)	972 (1446)	9720 (4409)	0.67 (17)	1 @ 5040 (2286)	0.67 (17)	2 @ 3780 (1714)	0.67 (17)	3 @ 2520 (1143)	0.67 (17)	4 @ 1800 (816)	0.67 (17)
15 (4.57)	510 (759)	7650 (3470)	1.00 (25)	1 @ 3552 (1611)	1.00 (25)	2 @ 2486 (1127)	1.00 (25)	3 @ 1715 (777)	1.00 (25)	4 @ 1243 (563)	1.00 (25)
20 (6.10)	243 (361)	4860 (2204)	1.33 (34)	1 @ 2438 (1105)	1.33 (34)	2 @ 1829 (829)	1.33 (34)	3 @ 1219 (552)	1.33 (34)	4 @ 871 (395)	1.33 (34)
25 (7.62)	165 (246)	4125 (1871)	1.67 (42)	1 @ 1981 (898)	1.67 (42)	2 @ 1426 (646)	1.67 (42)	3 @ 970 (439)	1.67 (42)	4 @ 699 (317)	1.67 (42)
30 (9.14)	102 (152)	3060 (1388)	2.00 (51)	1 @ 1534 (695)	2.00 (51)	2 @ 1151 (522)	2.00 (51)	3 @ 767 (347)	2.00 (51)	4 @ 548 (248)	2.00 (51)
35 (10.67)	76 (113)	2660 (1207)	2.33 (59)	1 @ 1302 (590)	2.33 (59)	2 @ 948 (430)	2.33 (59)	3 @ 641 (290)	2.33 (59)	4 @ 461 (209)	2.33 (59)
40 (12.19)	55 (82)	2200 (998)	2.67 (68)	1 @ 1114 (505)	2.67 (68)	2 @ 836 (379)	2.67 (68)	3 @ 557 (252)	2.67 (68)	4 @ 398 (180)	2.67 (68)
45 (13.72)	44 (65)	1980 (898)	3.00 (76)	1 @ 985 (446)	3.00 (76)	2 @ 722 (327)	3.00 (76)	3 @ 487 (220)	3.00 (76)	4 @ 350 (158)	3.00 (76)
50 (15.24)	32 (48)	1600 (726)	3.33 (85)	1 @ 820 (371)	3.33 (85)	2 @ 615 (278)	3.33 (85)	3 @ 410 (185)	3.33 (85)	4 @ 461 (209)	3.33 (85)

\* If maximum deflection is reached before maximum load listed is reached, the truss must be considered to be at maximum capacity.

\* The self weight of the truss has been taken into account in this load table and therefore does not have to be included into the calculation of superimposed live load.

\* The effects of shock loadings, dynamic loadings, wind loads or seismic loads have not been taken into account into this table.



### Part Numbers:

10' - 20.5" XLOC Truss	X-20.5-188XL-120	2-Way 20.5" XLOC Corner Block	X-20.5CB-XL2	20.5" XLOC Book End Hinge	X-20.5-188XL-BEH
8' - 20.5" XLOC Truss	X-20.5-188XL-96	3-Way 20.5" XLOC Corner Block	X-20.5CB-XL3	20.5" XLOC Center Pivot Hinge	X-20.5-188XL-CPH
5' - 20.5" XLOC Truss	X-20.5-188XL-60	4-Way 20.5" XLOC Corner Block	X-20.5CB-XL4	20.5" Bolt Plate to XLOC Adapter	X-20.5-BP-XL ADAPT
4' - 20.5" XLOC Truss	X-20.5-188XL-48	5-Way 20.5" XLOC Corner Block	X-20.5CB-XL5	20.5" XLOC 11.25 degree wedge	X-20.5WDG-XL-11.25
		6-Way 20.5" XLOC Corner Block	X-20.5CB-XL6	20.5" XLOC 22.5 degree wedge	X-20.5WDG-XL-22.5
				20.5" XLOC 45 degree wedge	X-20.5WDG-XL-45

[www.xtremestructures.com](http://www.xtremestructures.com)

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