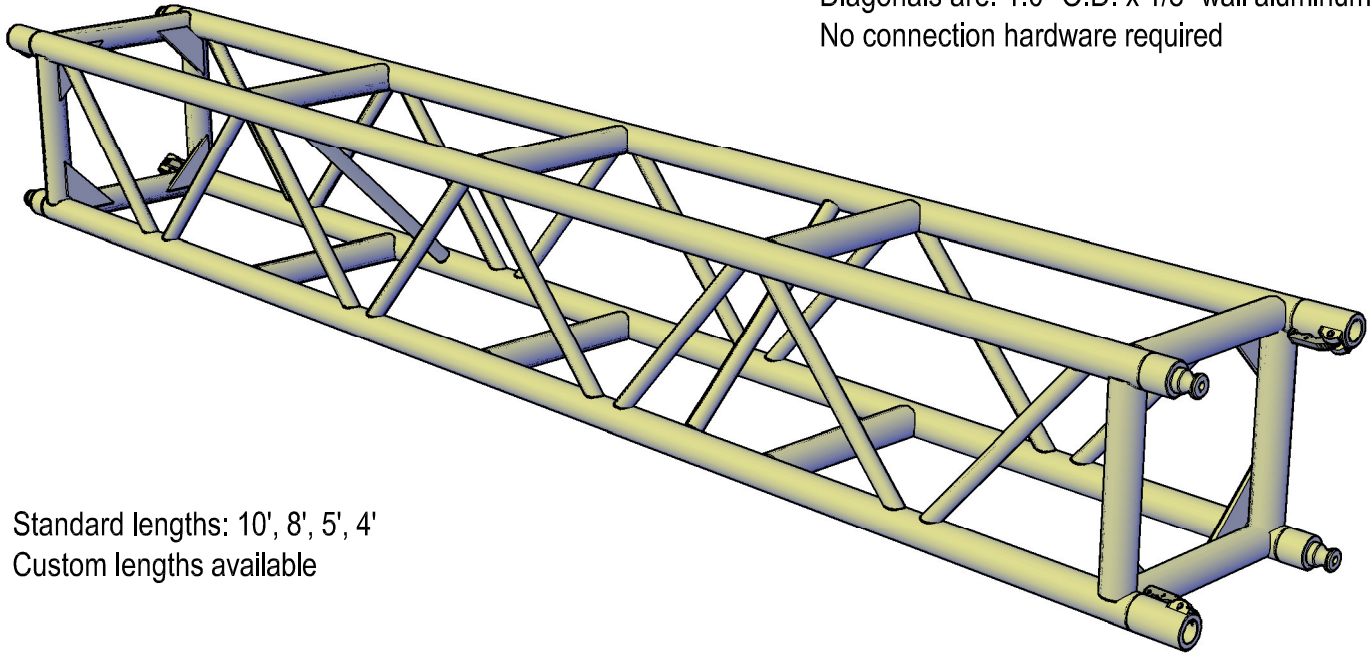




Xtreme Structures and Fabrication

16" x 16" XLOC Utility

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)	2224 (3318)	11120 (5044)	0.33 (8)	1 @ 9610 (4359)	0.33 (8)	2 @ 5562 (2523)	0.33 (8)	3 @ 3708 (1682)	0.33 (8)	4 @ 2781 (1261)	0.33 (8)
10 (3.05)	761 (1132)	7610 (3452)	0.67 (17)	1 @ 3807 (1727)	0.67 (17)	2 @ 2855 (1295)	0.67 (17)	3 @ 1904 (864)	0.67 (17)	4 @ 1360 (617)	0.67 (17)
15 (4.57)	384 (572)	5760 (2613)	1.00 (25)	1 @ 2677 (1214)	1.00 (25)	2 @ 1874 (850)	1.00 (25)	3 @ 1292 (586)	1.00 (25)	4 @ 937 (425)	1.00 (25)
20 (6.10)	183 (272)	3660 (1660)	1.33 (34)	1 @ 1831 (831)	1.33 (34)	2 @ 1373 (623)	1.33 (34)	3 @ 916 (415)	1.33 (34)	4 @ 654 (297)	1.33 (34)
25 (7.62)	123 (183)	3075 (1395)	1.67 (42)	1 @ 1481 (671)	1.67 (42)	2 @ 1066 (484)	1.67 (42)	3 @ 725 (329)	1.67 (42)	4 @ 523 (237)	1.67 (42)
30 (9.14)	76 (113)	2280 (1034)	2.00 (51)	1 @ 1140 (517)	2.00 (51)	2 @ 855 (388)	2.00 (51)	3 @ 570 (259)	2.00 (51)	4 @ 407 (185)	2.00 (51)
35 (10.67)	56 (83)	1960 (889)	2.33 (59)	1 @ 960 (435)	2.33 (59)	2 @ 699 (317)	2.33 (59)	3 @ 473 (215)	2.33 (59)	4 @ 340 (154)	2.33 (59)
40 (12.19)	40 (60)	1600 (726)	2.67 (68)	1 @ 810 (367)	2.67 (68)	2 @ 608 (276)	2.67 (68)	3 @ 405 (184)	2.67 (68)	4 @ 289 (131)	2.67 (68)

* 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' - 16" x 16" XLOC Utility Truss	X-16U-188XL-120	2-Way 16" XLOC Corner Block	X-16CB-XL2	16" XLOC Book End Hinge	X-16-188XL-BEH
8' - 16" x 16" XLOC Utility Truss	X-16U-188XL-96	3-Way 16" XLOC Corner Block	X-16CB-XL3	16" XLOC Center Pivot Hinge	X-16-188XL-CPH
5' - 16" x 16" XLOC Utility Truss	X-16U-188XL-60	4-Way 16" XLOC Corner Block	X-16CB-XL4	16" Bolt Plate to XLOC Adapter	X-16-BP-XL ADAPT
4' - 16" x 16" XLOC Utility Truss	X-16U-188XL-48	5-Way 16" XLOC Corner Block	X-16CB-XL5	16" XLOC 11.25 degree wedge	X-16WDG-XL-11.25
		6-Way 16" XLOC Corner Block	X-16CB-XL6	16" XLOC 22.5 degree wedge	X-16WDG-XL-22.5
				16" XLOC 45 degree wedge	X-16WDG-XL-45

www.xtremestructures.com

3518 S. Hwy. 19, PO Box 1150 Emory, TX 75440 tel: 903.473.1100 fax: 903.473.1107