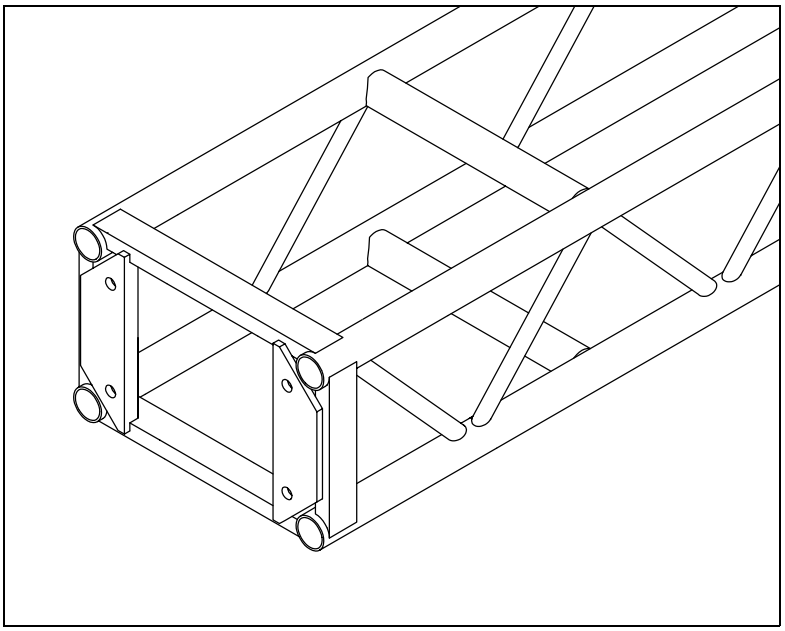
JAMES Thomas ENGINEERING

GP 18 x 12

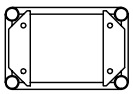
18" x 12" manufactured the same way as 12" x 12", but has an added advantage, due to its width of 18" of being able to accommodate 2 lighting bars back to back. Also the truss is slightly stronger over longer spans. It is made from 6061T6 or 6082T6 alloy 2" x 0.125" tubes for the main chords and 1" x 0.125" tubes for the diagonals.The truss can be used with Ground Support System with suitable sleeve blocks and towers.

PRODUCT CODE	DESCRIPTION	WT lbs
B0600	10' Section	61.5
B0601	8' Section	52.5
B0602	5' Section	37.5
B0603	2' 6" Section	24
B4600	3m Section	61.5
B4601	2.5m Section	53
B4602	2m Section	42
B4603	1.5m Section	37.5
B4604	1m Section	28.5
B4605	0.5m Section	19.5
B4608	4 Way Corner Block	22
B46	5 Way Corner Block	
B4	6 Way Corner Block	

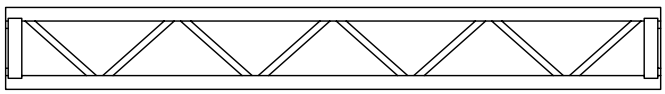


Allowable Load Data	Maximum Allowable Uniform Loads		Maximum Allowable Center Point Loads	
Span feet (meters)	Loads pounds (kgs)	Maximum deflection inches (mm)	Loads pounds (kgs)	Maximum deflection inches (mm)
10 (3.048)	6140 (2785)	0.276 (7)	4497 (2040)	0.20 (8)
20 (6.096)	3100 (1406)	1.10 (28)	1550 (703)	1.10 (28)
30 (9.144)	1726 (783)	2.20 (56)	864 (392)	2.20 (56)
40 (12.192)	855 (388)	2.95 (75)	427 (194)	2.95 (75)
50 (15.24)	425 (193)	3.70 (94)	214 (97)	3.70 (94)

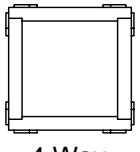
LOADING FIGURES show maximum loads between supports in addition to the self weight of the truss. Information extracted from the structural report by Broadhurst, Goodwin, and Dunn
suit maximum shear capacity. All loads include 20% overload factor for dynamic effects.



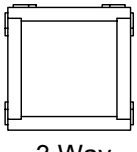
End View



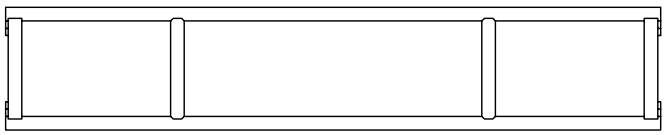
SIde View



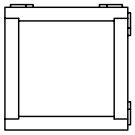
4 Way



3 Way



Plan View



2 Way