

# PRE-RIG SUPERTRUSS

This revolutionary truss is designed to offer all the advantages of SuperTruss in a 26" x 30" Pre-rigged layout. The design features casters for mobility, removable guide rod support gates for ease of installing and removing pre-rigged or standard lighting bars. Pre-rigged supertruss provides a substantial increase in load bearing capacity over the flat plate pre-rigged truss. It is made from either a 6061T6 or a 6082T6 aluminum alloy. The main chords are 2" x 0.157" and the diagonals are 1" x 0.125' tube.



## Standard lengths and weights

PRODUCT CODE	DESCRIPTION	WT lbs
B1430	10' 6" section	118
B1424	8' section	97
B1416	5'6" section	86
B1412	4' section	46

## Corners

PRODUCT CODE	DESCRIPTION	WT lbs
B1400	60° corner gate	36
B1401	90° corner gate	16
B1402	120° corner gate	12.1
B1403	135° corner gate	11
B1404	3 Way gate	14

## Truss Accessories

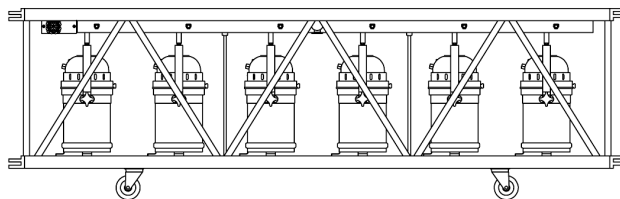
PRODUCT CODE	DESCRIPTION	WT lbs
B1306	Vertical connecting fork	1.3
B1307	Horizontal connecting forks 2/unit	2.2
B1405	3 Way gate with lifting point	-
B1408	Square support plate	16
B1409A	12" Tower sleeve plate	51
B1409B	15" Tower sleeve plate	49
B1411	SuperTruss to P.R.T. adapter plate	-
B1413	Lifting point for P.R. SuperTruss	-

## Loading chart

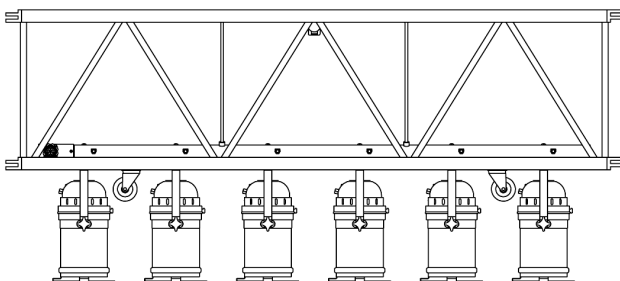
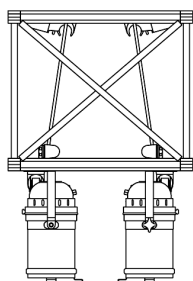
Allowable Load Data empty Pre-rigged SuperTruss	Maximum Allowable Uniform Loads		Maximum Allowable Center Point Loads	
	Span 8' sections	Loads pounds	Maximum deflection inches	Loads pounds
2) <b>16</b>	7339*	0.12	7339*	0.945
3) <b>24</b>	7251*	0.43	7251*	1.26
4) <b>32</b>	7162*	1.0	7162*	1.69
5) <b>40</b>	7074*	1.9	5454	1.9
6) <b>48</b>	6556	3.55	3428	3.55
7) <b>56</b>	5112	4.14	2557	4.14
8) <b>64</b>	3668	4.72	1834	4.72
9) <b>72</b>	2668	5.32	1334	5.32
10) <b>80</b>	1884	5.9	941	5.9
11) <b>88</b>	1314	6.5	657	6.5

**LOADING FIGURES** show maximum loads between supports in addition to self weight of truss. Information extracted from structural report by The Broadhurst Partnership. \* Denotes load limited to suit maximum shear capacity. All loads include a 20% overload factor for dynamic effects.

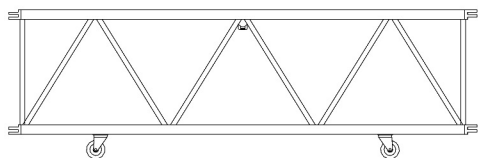
To lower lanterns from storage to operating position, simply pull tab on shank hook with one hand while holding the lighting bar with the other hand. Then lower the lanterns into operating position.



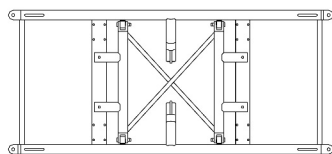
Par 64 lanterns in storage position



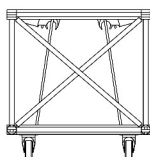
Par 64 lanterns lowered to operating position



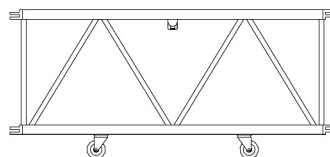
8' section



5' 6" section

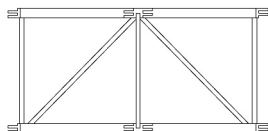


End View

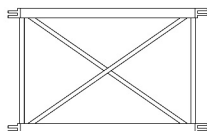


Side View

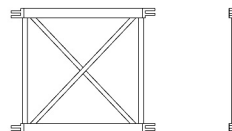
(Connecting forks are shown larger for clarity)



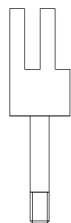
60° corner gate



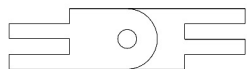
90° corner gate



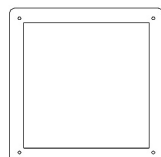
3 Way gate



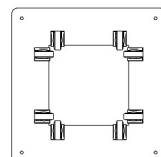
Vertical connecting fork



Horizontal connecting fork  
2 per unit



Square support plate



15" Tower sleeve plate