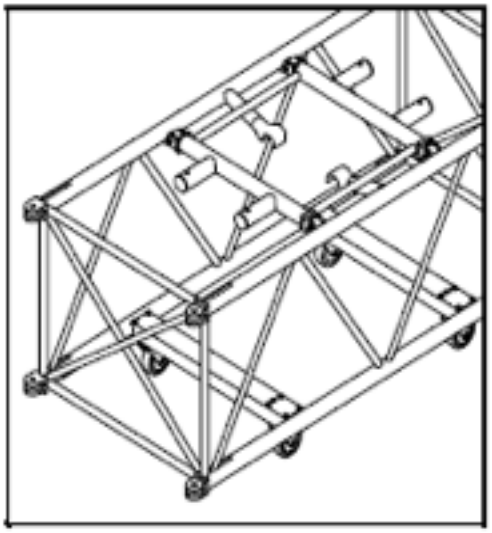
JAMES Thomas ENGINEERING

PRE-RIG SUPERTRUSS

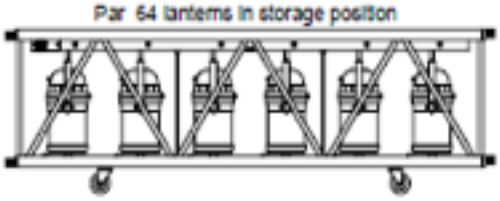
This revolutionary truss is designed to offer all the advantages of Supertruss in a 26" x 30" Pre-rigged layout. The design features casters for mobility, removable guide rod support gates for ease of installing and removing pre-rigged or standard lighting bars.

Pre-rigged supertruss provides 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.

PRODUCT CODE	DESCRIPTION	WT lbs
B1430	10' 6" section	118
B1424	8' section	97
B1416	5' 6" section	86
B1412	4' section	46
B1400	60 Degree corner gate	36
B1401	90 Degree corner gate	16
B1402	120 Degree corner gate	12.1
B1403	135 Degree corner gate	11
B1306	Vertical connecting fork	1.3
B1307	Horizontal connecting forks 2/unit	2.2
B1404	3 Way gate	14
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	Super-truss to P.R.T. adapter plate	-
B1413	Lifting point for P.R. super-truss	-

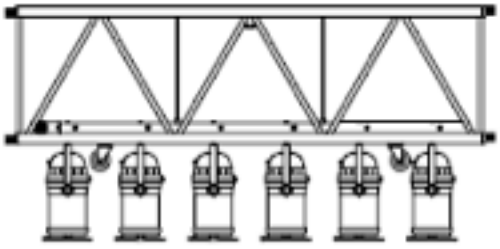


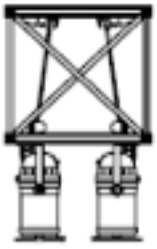
Par 64 lanterns in storage position



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 lowered to operating position





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PRE-RIG SUPERTRUSS

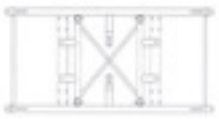
Allowable Load Data empty Pre-rigged Supertruss	Maximum Allowable Uniform Loads		Maximum Allowable Center Point Loads	
Span 8' sections feet (meters)	Loads pounds (kgs)	Maximum deflection inches (mm)	Loads pounds (kgs)	Maximum deflection inches (mm)
2) 16 (4.88)	7339 (3329)*	0.12(3)	7339 (3329)*	0.945 (5)
3) 24 (7.3)	7251 (3289)*	0.43(11)	7251 (3289)*	1.26 (18)
4) 32 (9.75)	7162 (3249)*	1.0 (25)	7162 (3249)*	1.69 (40)
5) 40 (12.2)	7074 (3209)*	1.9 (49)	5454 (2474)	1.9 (49)
6) 48 (14.6)	6556 (3110)	3.55 (90)	3428 (1555)	3.55 (90)
7) 56 (17.1)	5112 (2319)	4.14 (105)	2557 (1160)	4.14 (105)
8) 64 (19.5)	3668 (1664)	4.72 (120)	1834 (832)	4.72 (120)
9) 72 (22)	2668 (1210)	5.32 (135)	1334 (605)	5.32 (135)
10) 80 (24.4)	1884 (855)	5.9 (150)	941 (427)	5.9 (150)
11) 88 (26.8)	1314 (596)	6.5 (165)	657 (298)	6.5 (165)

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.

(Connecting forks are shown larger for clarity)

8' section

Vertical connecting fork



5' 6" section

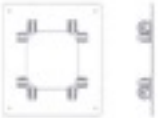
Horizontal connecting fork 2 per unit

60 Degree corner gate

90 Degree corner gate

3 Way gate

Square support plate



15" Tower sleeve plate

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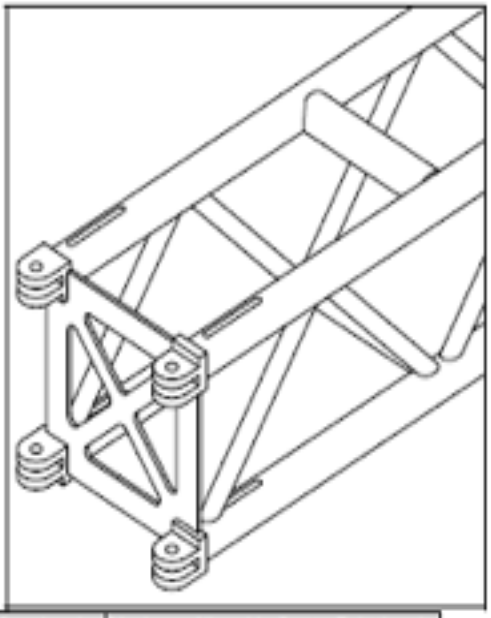
SUPERTRUSS 12 x 12

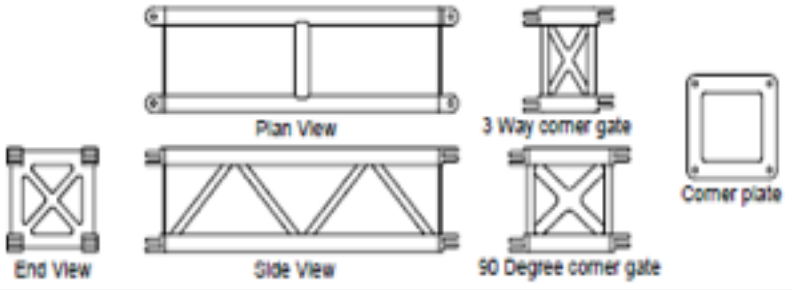
The revolutionary truss designed to offer all the advantages of the 20.5" Supertruss in a 12" x 12" layout. The 12" x 12" Supertruss provides a substantial increase in load bearing capacity over the existing GP 12" x 12" truss. The main chords of the truss are made from 2" x 0.157" 6061-T6, and the diagonals are 1" x 0.125".

PRODUCT CODE	DESCRIPTION	WT lbs
B1260A	12' Section	87
B1261	10' Section	72
B1262	8' Section	67
B1263	6' Section	51
B1264	5' Section	42
B1265	2' 6" Section	27
B1200A	60 Degree corner gate	14
B1201	90 Degree corner gate	8
B1203	135 Degree corner gate	5
B1204A	3 Way gate/ 120° gate	8
B1204B	3 Way gate with lifting point	8
B1208	Square support plate	4
B1211	12" Super-truss to GP 12" x 12" adaptor gate	7
G6671A	12" Supertruss pin extraction tool	7



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)	8496 (3854)*	0.20 (5)	7348 (3333)	0.20 (5)
20 (6.096)	7255 (3291)	1.50 (38)	3628 (1646)	1.50 (38)
30 (9.144)	3324(1508)	2.20 (56)	1662 (754)	2.20 (56)
40 (12.192)	1695 (769)	2.95 (75)	848 (385)	2.95 (75)
50 (15.24)	888 (403)	3.70 (94)	445 (202)	3.70 (94)

LOADING FIGURES show maximum loads between supports in addition to self weight of truss. Information extracted from structural report by Broadhurst, Goodwin & Dunn for Super-truss manufactured after November 1993. * Denotes load limited to suit maximum shear capacity. All loads include 20% overload factor for dynamic effects.



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CM LODESTAR

ELECTRIC CHAIN HOISTS

The CM Lodestar is a dependable, highly engineered electric chain hoist ideally suited for use in the entertainment industry. They incorporate the following features and advantages.

They can be used inverted, or upright without modification, the body is powder coated black. Chains are CM star grade Hoistaloy.
continuous lift. Standard voltages are 460V 3 phase, 230V 3 phase, or 115v single phase, 60HZ for use throughout North America. They come with load lifting points, and a robust chain collection bag. Power & Control connectors are available per client spec. All units are fitted with an overload clutch, electrical upper and lower limit switches, and 110v contactor control equipment.

We offer the following models.

PRODUCT CODE	MODEL	LIFTING SPEED	HOIST CAPACITY (tons)	CHAIN FALLS	CHAIN LENGTH
G0640	F	16 ft / min	0.5	1	60 Feet
G0650	L	16 ft / min	1	1	60 Feet
G0651	L	16 ft / min	1	1	83 Feet
G0660	RR	16 ft / min	2	1	83 Feet

G0640 - Can be specified for use with 0.5 ton ground support system.
G0650 - Normally used with 1 ton ground support system.
G0651 - Normally used with 2 ton ground support system.