

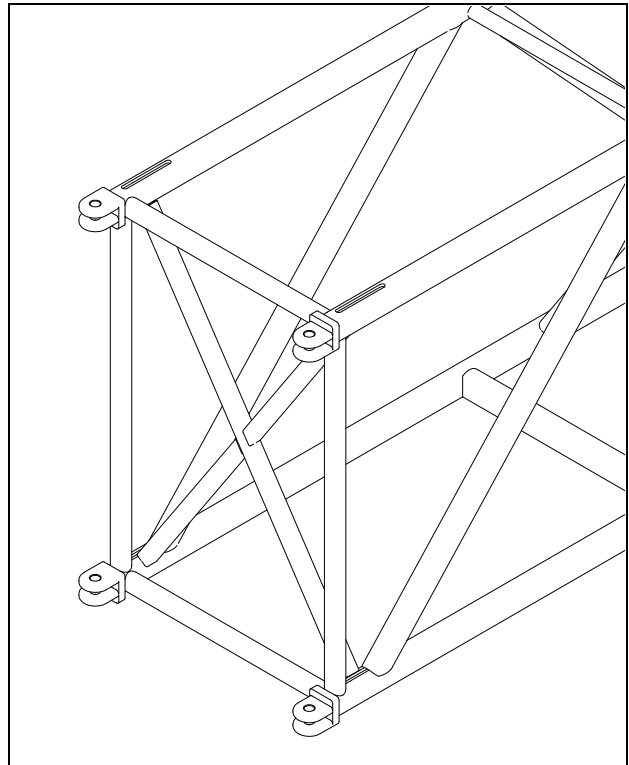


SUPER-TRUSS 20.5 x 30

ENGINEERING

A revolutionary truss designed to offer all the advantages of the Thomas Superturss design in a 20.5" x 30" layout. This truss is designed for the very long spans and heavy loading requirements for the entertainment industry. This truss is made using 6061T6 alloy 1.5" Schedule 80 for the main chords and 1.25" Schedule 80 for the diagonals. The 20.5" x 30" Super-truss provides a substantial increase in load bearing capacity over GP Heavy Duty Truss.

PRODUCT CODE	DESCRIPTION	WT lbs
B2960	12' Section	143
B2961	10' Section	114
B2962	8' Section	95
B2966	6' Section	78
B2965	4' Section	71
B2964	5' Section	71
B2963	2' 6" Section	71
B2900A	60 Degree corner gate	40
B2901A	90 Degree corner gate	18
B2902	120 Degree corner gate	17
B2903	135 Degree corner gate	17
B2904	3 Way gate	17
B2905	3 Way gate with lifting point	18
B20-SSP	Horizontal connecting fork	29
B1308	Square support plate	11
B20-12SP	12" Tower sleeve plate	26.5
B20-15SP	15" Tower sleeve plate	26.5
B2911	Super-truss to GP20.5x20.5 adapter gate	18



LOADING FIGURES show maximum loads between supports in addition to self-weight of truss. Information extracted from structural report by Clark-Reder Engineering, Inc. * Denotes load limited to suit maximum shear capacity. All loads include a 20% overload factor for dynamic effects. For loads based on repetitive use, please reduce by 0.85.

Warning! James Thomas Engineering, Inc. Manufactures professional grade equipment. Failure to comply with any load tables, equipment, labels, engineering reports; or any warnings written, verbal, or implied, could result in serious injury or death!

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)
10 (3.048)	14110 (6400)*	0.042 (1)	14114 (6402)*	0.067 (1.7)
20 (6.096)	14020 (6359)*	0.335 (8)	9385 (4256)*	0.361 (9)
30 (9.144)	12360 (5606)*	1.005 (25)	6182 (2804)	0.814 (20)
40 (12.192)	9120 (4136)	1.786 (45)	4557 (2067)	1.453 (37)
50 (15.24)	7150 (3243)	2.79 (70)	3565 (1617)	2.282 (58)
60 (18.288)	5760 (2612)	4.006(101)	2888 (1309)	3.307 (84)