

# SUPERMEGA TRUSS & TOWER 30 x 30

In line with our other SuperMega products, James Thomas Engineering has produced a 30" x 30" tower. This diverse product can be used either as a tower or as truss. It is built for applications requiring heavy loading and/or height capabilities. Made from 6061T6 alloy, the truss has 3" OD x 1/4" main chords and 2" x 0.157" diagonal tubes. Tower: When the desired working load is 13,000 pounds, this tower when standing alone can be a maximum of 56' with the appropriate anchorage base plate. As a goal post, the maximum height will be 73' and 110' when used as a corner in a 4 post grid (both with the appropriate anchorage base plate). When the desired working load is 26,000 pounds, this tower when standing alone can be a maximum of 40' with the appropriate anchorage base plate. As a goal post, 54' will be the maximum height and 81' when used as a corner in a 4 post grid (both with the appropriate anchorage base plate).

Truss loading figures are indicated in the chart below:



## Standard lengths and weights

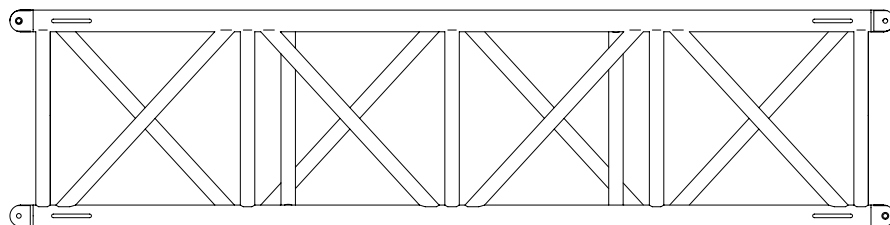
PRODUCT CODE	DESCRIPTION	WT lbs
B31240	20' SuperMega Truss	378
B31144	12' SuperMega Truss	227
B31120	10' SuperMega Truss	189
B31096	8' SuperMega Truss	162
B31060	5' SuperMega Truss	126

## Truss Accessories

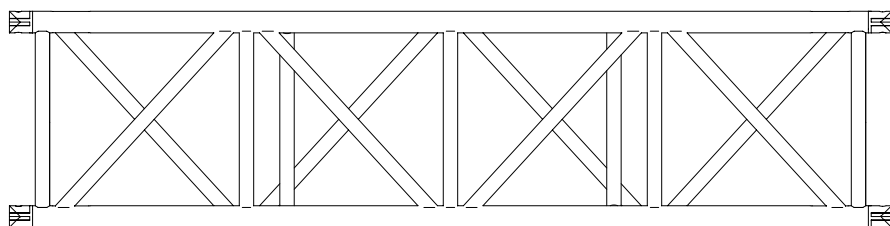
PRODUCT CODE	DESCRIPTION	WT lbs
B3104	3 way gate	31
B3105	3 way gate with lifting point	-
B3106	Sleeve Block (30" tower)	341

## Corners

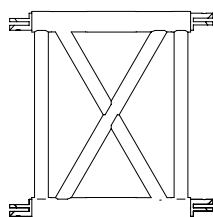
PRODUCT CODE	DESCRIPTION	WT lbs
B3100	60° corner gate	-
B3101	90° corner gate	-
B3102	120° corner gate	-
B3103	135° corner gate	-



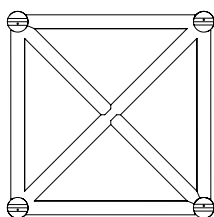
PLAN VIEW



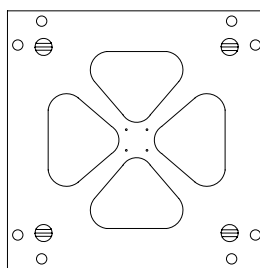
FRONT VIEW



B3105



END VIEW



TOWER BASE PLATE

## Loading chart

Allowable Load Data Span feet	Maximum Allowable Uniform Loads		Maximum Allowable Center Point Loads	
	Loads pounds	Maximum deflection inches	Loads pounds	Maximum deflection inches
10	10,670*	0.433*	10,670*	0.670*
20	10,670*	0.433*	10,670*	0.670*
30	10,670*	1.77*	10,670*	1.77*
40	10,670*	3.0*	10,670*	3.0*
50	10,317*	3.7*	7,460*	3.7*
60	10,317*	4.4*	7,460*	4.4*
70	9,442*	5.2*	4,712*	5.2*
80	9,442*	5.9*	4,712*	5.9*

**LOADING FIGURES** show maximum loads between supports in addition to self weight of truss. \* Denotes load limited to suit maximum shear capacity. All loads include 20% overload factor for dynamic effects.