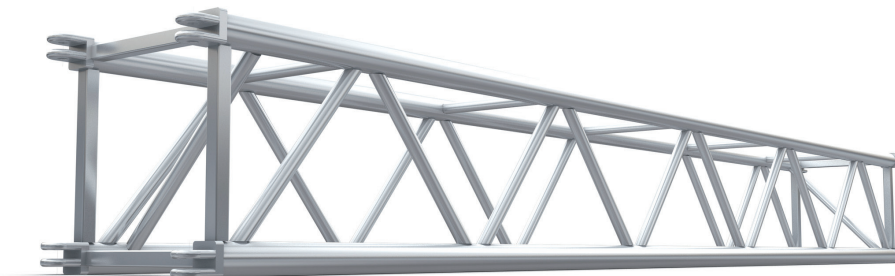


# SUPERTRUSS 15 × 15

Thomas has rethought truss design to encompass the changing demands of the touring industry. The supertruss design features new double end connectors, which are oriented so that the truss elements are unisex (they can be used either way). Made from 6061T6 or 6082T6 alloy, the truss has 2" x 0.157" main chord tubes and 1" x 0.125" diagonal tubes.

SuperTruss saves truck space because of its very high strength in relation to its size and also the space saving design of the corners. The corners are simplicity themselves. As for the 2 way corner, only a connecting gate is required to brace between the outer fork connectors. The 3 way corner only requires a connecting gate and 2 square connecting plates. The 4 way corner requires just 2 square connecting plates. In order to use the supertruss with towers, 2 sleeve connecting plates with roller wheels are required with 1 or 2 ladders depending on how many truss connections there are. 60° corners require 2 extended double fork connectors and a connecting gate. Other angles can be easily made to order. Variable and vertical connecting forks are available for 0 - 90° operation.



## Standard lengths and weights

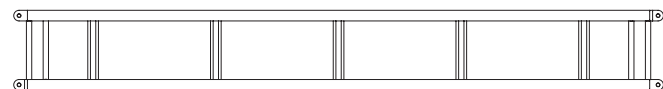
PRODUCT CODE	DESCRIPTION	WT lbs
B6512 R2	12' Section	96
B6510 R2	10' Section	80
B6508 R2	8' Section	64
B6505 R2	5' Section	40
B6503 R2	2' 6" Section	23

## Corners

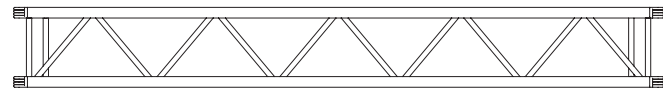
PRODUCT CODE	DESCRIPTION	WT lbs
B6500	60° corner gate	33
B6501	90° corner gate	11
B6502	3 Way / 120° corner gate	10
B6503	135° corner gate	8.5

## Truss Accessories

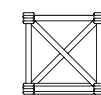
PRODUCT CODE	DESCRIPTION	WT lbs
B6505	3 Way gate with lifting point	9
B6507	Square support plate	11
B6514	Lifting point for 15" super-truss	-



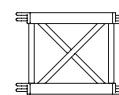
Plan View



Front View



End View



90° GATE



3-WAY/120° GATE

## 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	10,097	0.22	9,372	0.22
20	9,252	1.09	4,626	1.09
30	5,539	2.25	2,770	2.25
40	2,931	3.0	1,466	3.0
50	1,478	3.75	739	3.75
60	607	4.5	304	4.5

**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 a 20% overload factor for dynamic effects.