

MOVING LIGHT SUPERTRUSS

Moving Light supertruss has been designed around the Pre-rigged SuperTruss size. 96" x 30" x 26" in size (other sizes are available). Moving light SuperTruss provides a substantial increase in load bearing capacity over the flat plate pre-rigged truss. It is manufactured from aluminum tube 6061T6 or 6082-T6 with 2" x .157" wall thickness for main tubes and 1" x .125" wall tube for the diagonals. Each truss piece has 8 caster wheels for easy maneuverability and pins and R-clips for the connection of truss pieces.

Each 96" truss is designed to carry 3 moving light fixtures. The moving lights are stored internally in the truss and can be lowered to the working position when in use. This design reduces the amount of space required for lighting and rigging in the truck. Two handles allow the lowering of each moving light.

The whole system can be used with our Ground Support System by using suitable sleeve blocks and towers. Please note: no fixtures are included with truss.



Standard lengths and weights

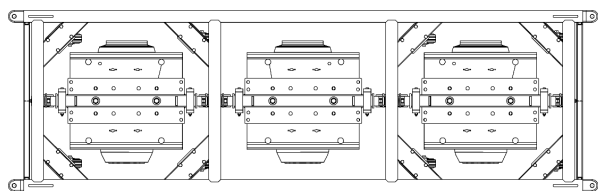
PRODUCT CODE	DESCRIPTION	WT lbs
MLT-ST-96-R1	8' section (empty)	145**

Corners

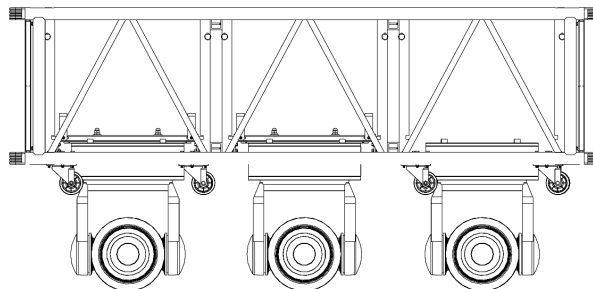
PRODUCT CODE	DESCRIPTION	WT lbs
B1400	60° corner gate	36
B1401	90° corner gate	16
B1402	120° corner gate	12.1
B1403	135° corner gate	11
B1404	3 Way gate	14

Truss Accessories

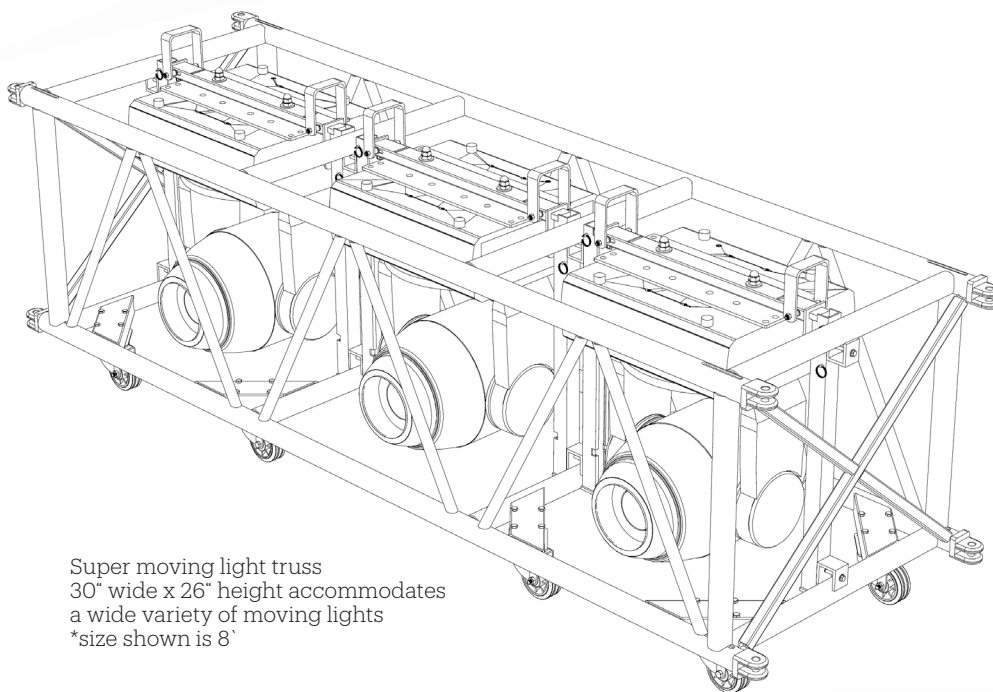
PRODUCT CODE	DESCRIPTION	WT lbs
B1306	Vertical connecting fork	1.3
B1307	Horizontal connecting forks 2/unit	2.2
B1405	3 Way gate with lifting point	-
B1408	Square support plate	16
B1409A	12" Tower sleeve plate	51
B1409B	15" Tower sleeve plate	49
B1411	SuperTruss to PRT adapter plate	-
B1413	Lifting point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



Plan View



Front View with Lights in lowered position



Super moving light truss
 30" wide x 26" height accommodates
 a wide variety of moving lights
 *size shown is 8'

Loading chart

Span (ft)	Swt (lb)	Swt-MT (ft-lb)	Uniform Dist. Loads		Center Point Loads	
			(lb)	Max. Deflection (in)	(lb)	Max. Deflection (in)
16	240	480	13580*	0.18	12550	0.18
24	360	1080	13460*	0.60	8387	0.60
32	480	1920	12550	1.34	6275	1.34
40	600	3000	10016	2.13	5008	2.13
48	720	4820	8327	3.14	4163	3.14
56	840	5880	6400	3.99	3200	3.99
64	960	7680	5375	5.21	2688	5.21
72	1080	9720	3290	5.12	1645	5.12
80	1200	12000	2003	5.15	1002	5.15

*Denotes load limited to suit maximum shear capacity.