1.3.1 Generico Entertainment Products
MLT-1424 Truss 14"x24" Capacities
   Table **1**. Load Capacities

Span		Uniformly Distributed				Center Point Load				Third Point Load				Quarter Point Load			
		Load	Δ	Load	Δ	Load	Δ	Load	Δ	Load	Δ	Load	Δ	Load	Δ	Load	Δ
Feet	Meters	lb/ft	in	kN/m	cm	lbs	in	kN	cm	lbs	in	kN	cm	lbs	in	kN	cm
10	3.05	436	0.07	6.36	0.18	4364	0.12	63.7	0.30	2182	0.10	31.8	0.25	1455	0.09	21.2	0.23
20	6.10	210	0.59	3.06	1.50	4204	0.92	61.4	2.34	2102	0.80	30.7	2.03	1401	0.74	20.45	1.88
30	9.14	135	2.01	1.97	5.11	2705	2.13	39.48	5.41	2022	2.66	29.51	6.76	1348	2.49	19.67	6.32
40	12.19	79	3.99	1.15	10.13	1741	3.60	25.41	9.14	1075	3.75	15.69	9.53	787	3.82	11.49	9.70
50	15.24	33	5.02	0.48	12.75	724	4.02	10.57	10.21	493	4.40	7.19	11.18	374	4.56	5.46	11.58

Table 1 notes:
   1. Truss is to be oriented in a vertical plane with diagonal vertical and all loads applied such that the truss stays vertical. No lateral loads were assumed other than those outlined in this report.
   2. Loads shown are individual loads, i.e. third point load is (2) point loads at X lbs, etc.
   3. Loads are assumed at truss panel points and are not additive. Loads are static equivalent, dynamic loads shall be reduced accordingly.
   4. All loads are assumed to be in the vertical plane of the truss with their center of gravity placed below the center of gravity of the truss.
   5. The truss is assumed to be a simply supported span, supported at panel points, and the supports do not allow the truss to translate or rotate out of plane.
   6. ANSI 1-2 repetive use factor *not* applied to this chart.
   7. Most important - *If in doubt please ask*.

Shop drawing