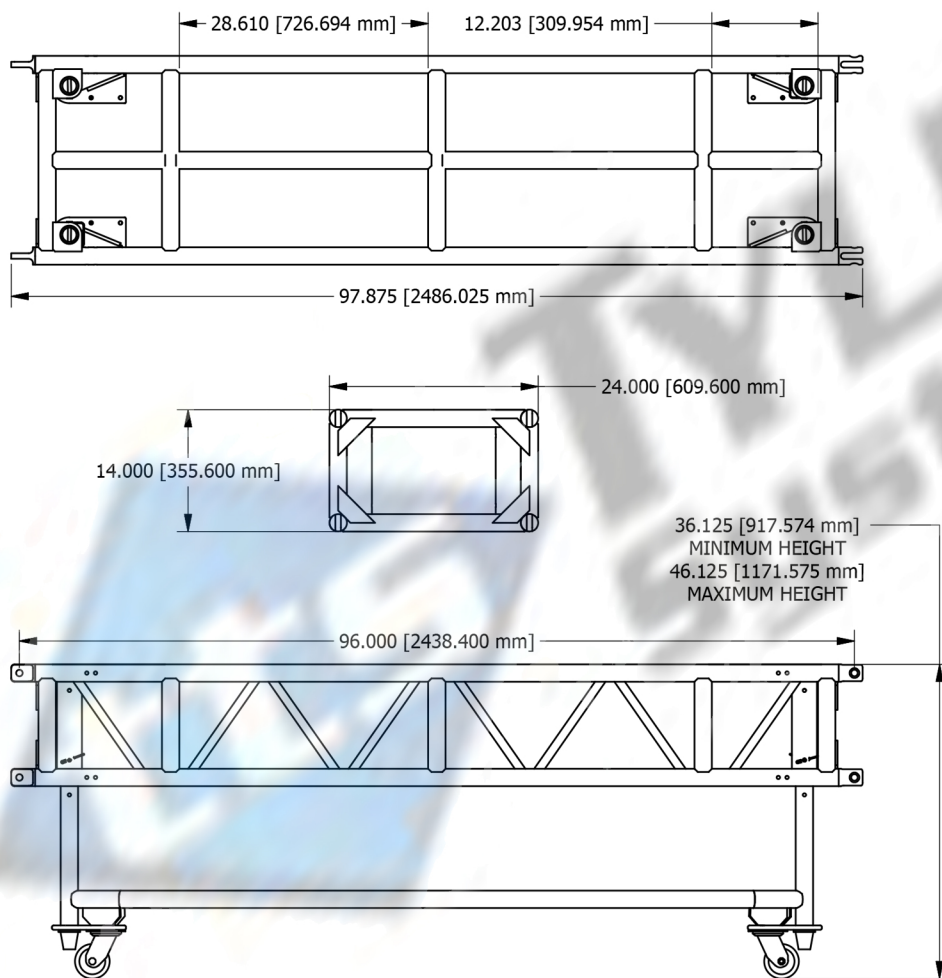


**14" x 24" x 96" Tyler GT(+) Truss Load Capacity Table (Repetitive Use)**

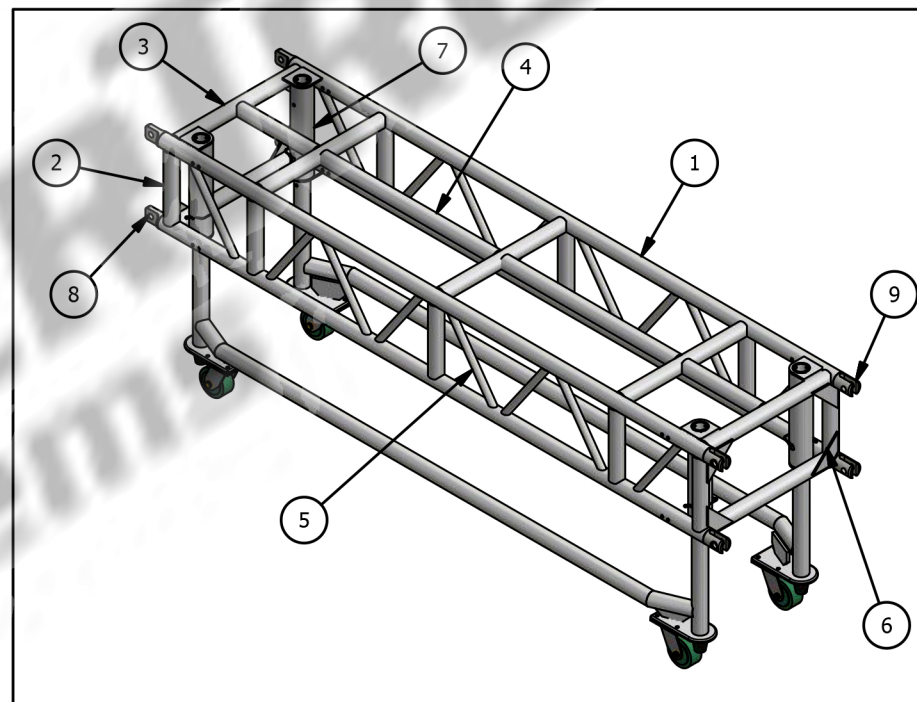
TRUSS SPAN	UNIFORMLY DISTRIBUTED LOAD		CENTER POINT LOAD		THIRD POINT LOAD		QUARTER POINT LOAD	
	LOAD (pfl)	DEFL. (in)	LOAD (lbs)	DEFL. (in)	LOAD (lbs)	DEFL. (in)	LOAD (lbs)	DEFL. (in)
8'-0"	665	0.187	2065	0.142	1690	0.166	1335	0.180
16'-0"	555	0.677	4345	0.602	1490	0.328	2070	0.627
24'-0"	295	1.584	2085	0.865	2550	1.545	1440	1.240
32'-0"	125	2.083	2490	2.131	1335	1.948	1070	2.132
40'-0"	63	2.665	1520	2.661	935	2.659	635	2.662
48'-0"	33	3.186	980	3.189	580	3.179	425	3.242

**Table Usage Notes:**

1. The load shown is the allowable load that the truss can support at the given span based on either truss strength or truss deflection limited to span/180.
2. The truss indicated are standalone only. They have not been analysed in a stage configuration.
3. The truss capacities are meant for lighting and equipment loads only. Occupancy loads have not been considered, and the trusses are not modeled as a work platform or a catwalk.



PARTS LIST		
ITEM	PART NUMBER	DESCRIPTION
1	CHORDS	Ø2" X .1875" ALUMINUM TUBE
2	VERTICALS	Ø2" X .125" ALUMINUM TUBE
3	HORIZONTALS	Ø2" X .125" ALUMINUM TUBE
4	BACKBONE	Ø2" X .125" ALUMINUM TUBE
5	DIAGONALS	Ø1" X .125" ALUMINUM TUBE
6	GUSSETS	.25" ALUMINUM PLATE
7	RECEIVERS	Ø2.875" ALUMINUM TUBE
8	MALE FORKEND	12L14 STEEL
9	FEMALE FORKEND	12L14 STEEL



**Notes:**

TITLE: 14" X 24" X 96" GT TRUSS

WEIGHT: 128 lbs  
 CREATION DATE: 01/12/2009  
 AUTHOR: NATHAN V  
 TOLERANCE: +/- 0.010 (0.254mm) U.O.S  
 REVISION: A



1810 Fairfield Ln, Pendleton, Indiana, 46064  
 765-221-5050