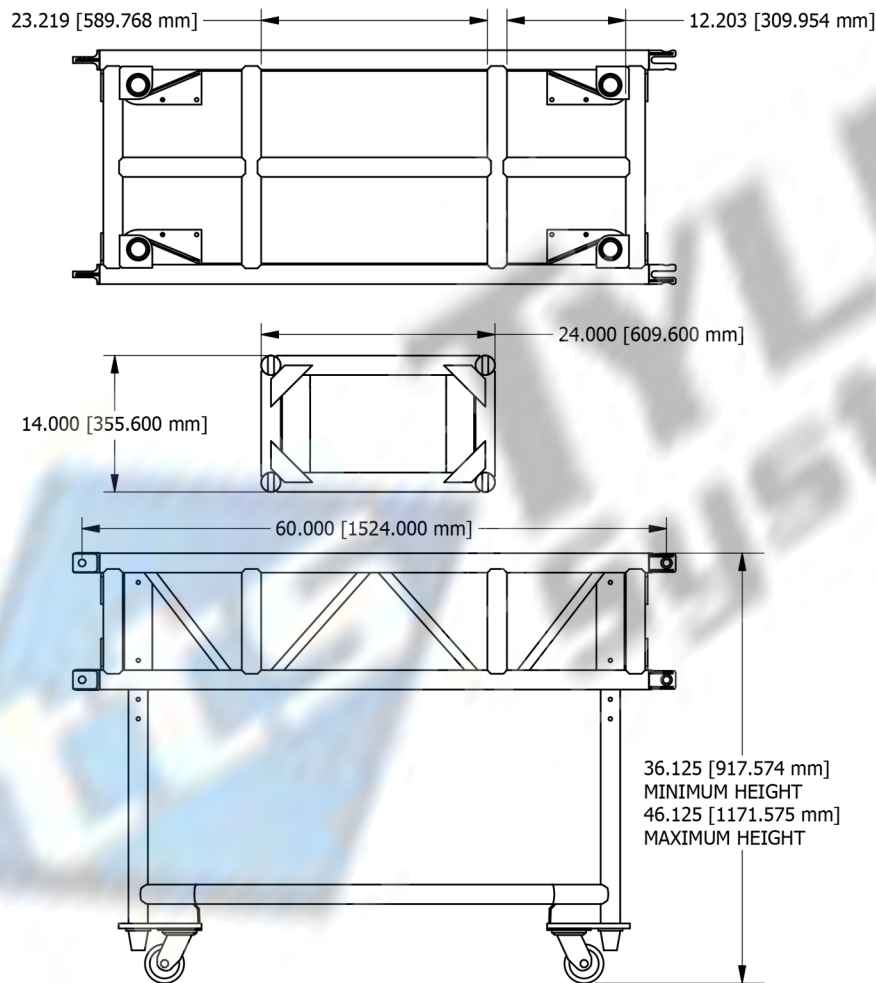


**14" x 24" x 60" Tyler GT(+) Truss Load Capacity Table (Repetitive Use)**

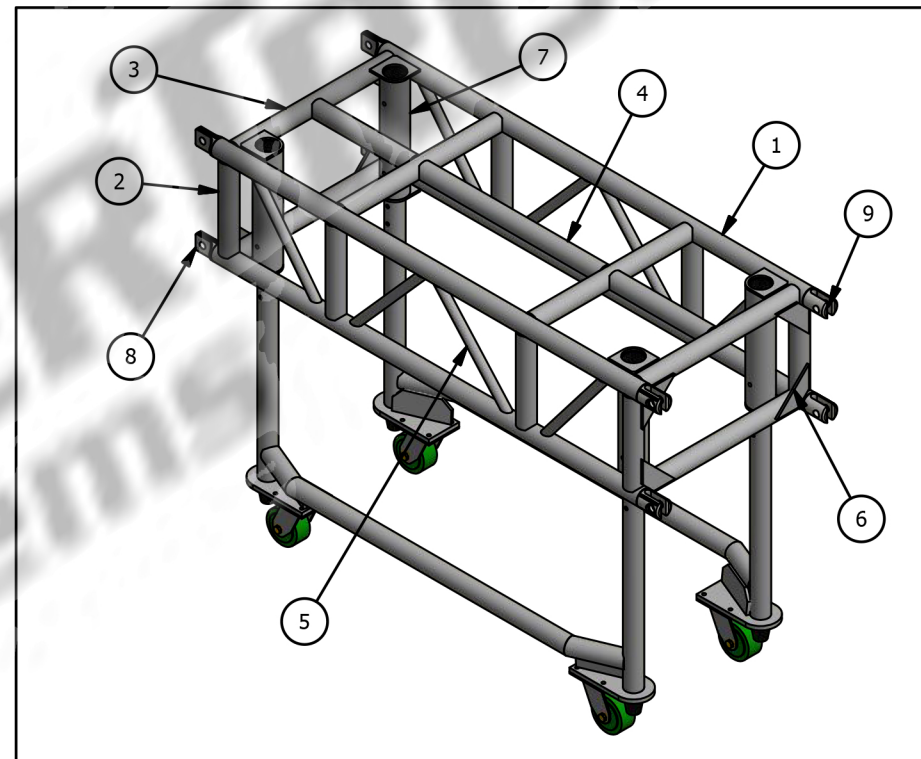
TRUSS SPAN	UNIFORMLY DISTRIBUTED LOAD		CENTER POINT LOAD		THIRD POINT LOAD		QUARTER POINT LOAD	
	LOAD (pfl)	DEFL. (in)	LOAD (lbs)	DEFL. (in)	LOAD (lbs)	DEFL. (in)	LOAD (lbs)	DEFL. (in)
5'-0"	1185	0.125	1870	0.060	2000	0.120	1400	0.120
10'-0"	1085	0.301	4800	0.265	2550	0.233	1830	0.201
15'-0"	685	0.659	1800	0.225	4050	0.697	1720	0.587
20'-0"	494	1.332	4030	0.951	2545	0.963	2350	1.239
25'-0"	264	1.666	1730	0.770	2395	1.665	1575	1.558
30'-0"	154	2.000	2800	2.003	1700	2.001	1205	2.002

**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 60" GT TRUSS  
 WEIGHT: With Legs:160 lbs/Without Legs:104 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