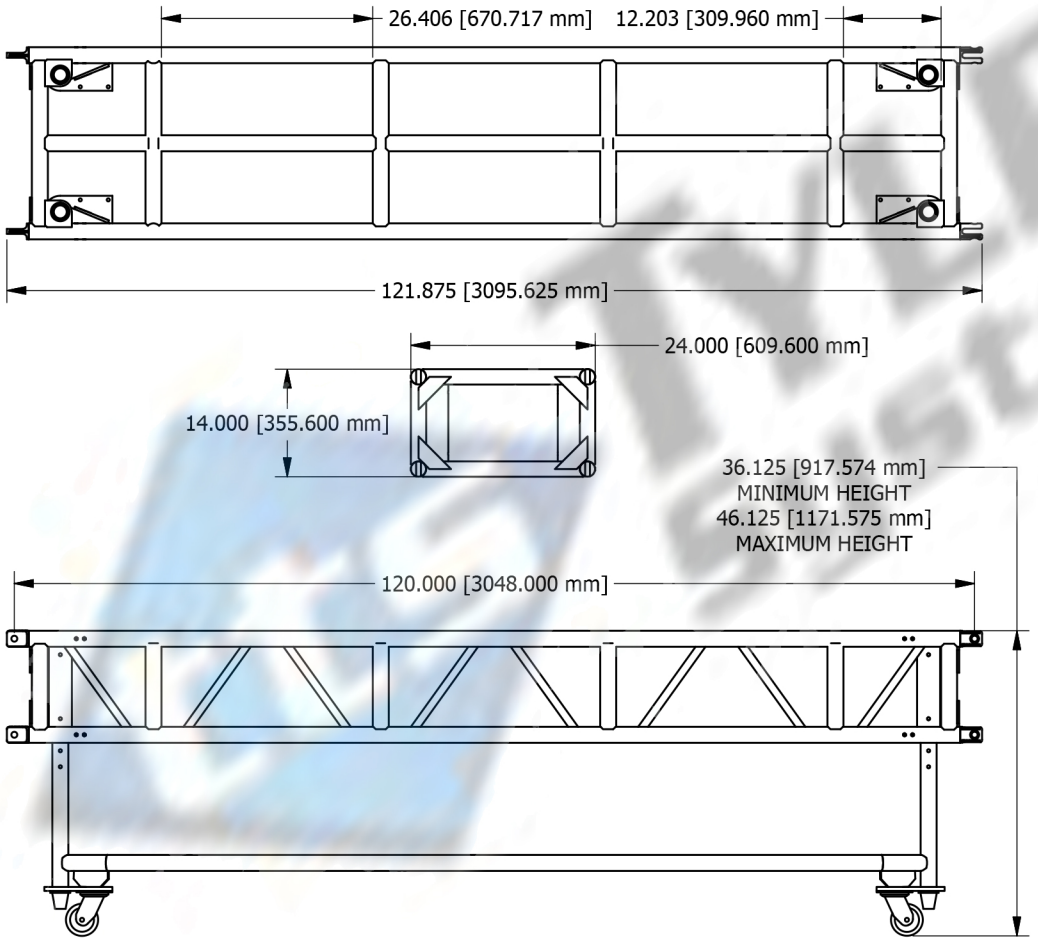
14" x 24" x 120" Tyler GT(+) Truss Load Capacity Table (Repetitive Use)

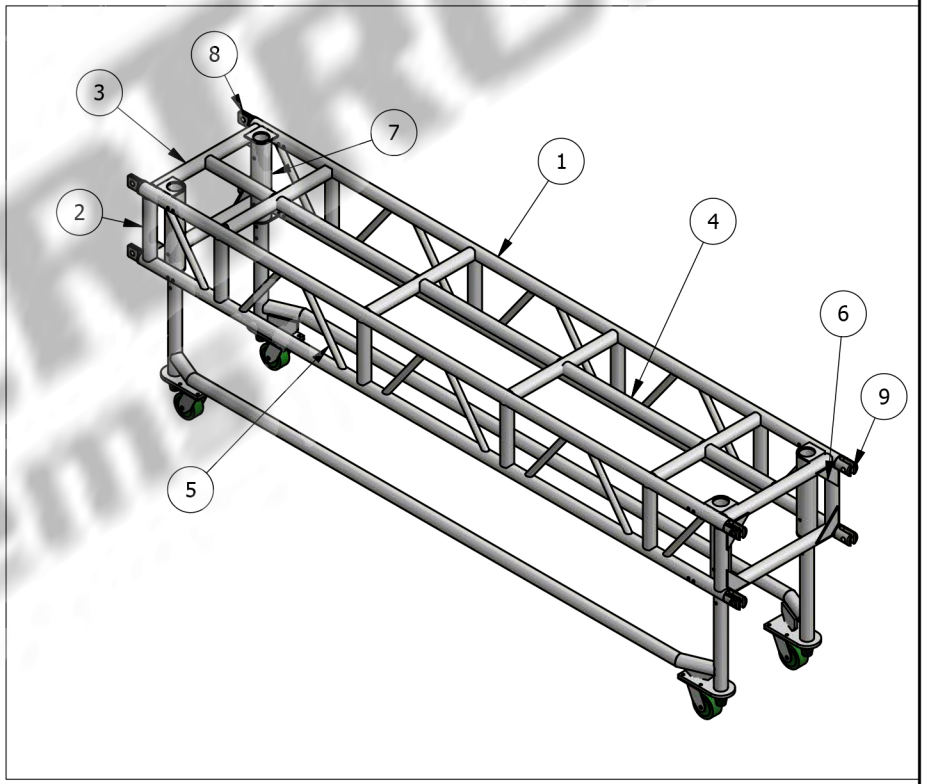
TRUSS SPAN	UNIFORMLY DISTRIBUTED LOAD		CENTER POINT LOAD		THIRD POINT LOAD		QUARTER POINT LOAD	
	LOAD (pfl)	DEFL. (in)	LOAD (lbs)	DEFL. (in)	LOAD (lbs)	DEFL. (in)	LOAD (lbs)	DEFL. (in)
10'-0"	690	0.297	1630	0.122	2125	0.263	1745	0.286
20'-0"	400	1.176	3740	0.971	2235	0.902	1455	0.844
30'-0"	150	1.991	1445	1.120	1665	2.000	1175	1.995
40'-0"	62.5	2.679	1520	2.669	920	2.678	650	2.665
50'-0"	28	3.291	880	3.337	520	3.321	375	3.337
60'-0"	13	3.998	485	4.009	285	3.987	205	4.000

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 120" GT TRUSS

WEIGHT: With Legs:212 lbs/Without Legs:144 lbs
CREATION DATE: 01/12/2009
AUTHOR: NATHAN V
TOLERANCE: +/- 0.010 (0.254mm) U.O.S
REVISION: A

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