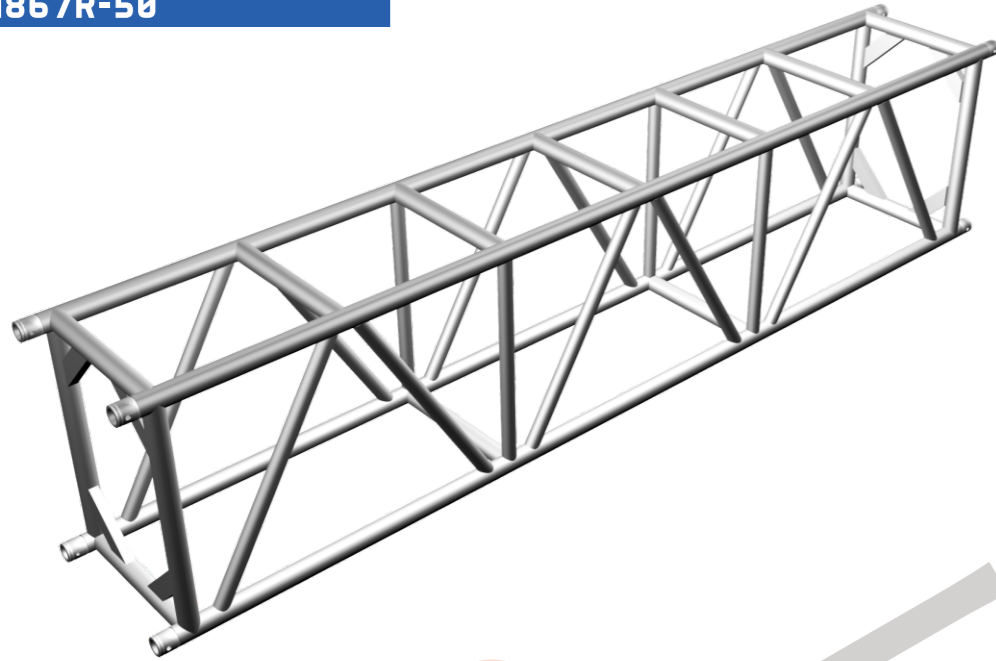


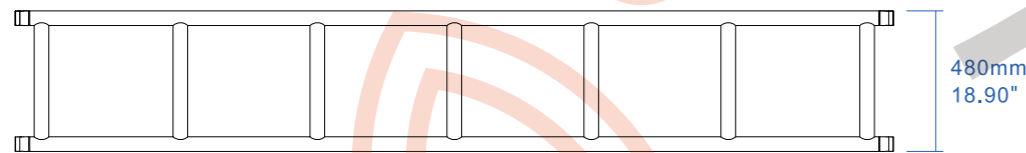
插销桁架系列

Quick Mount Series

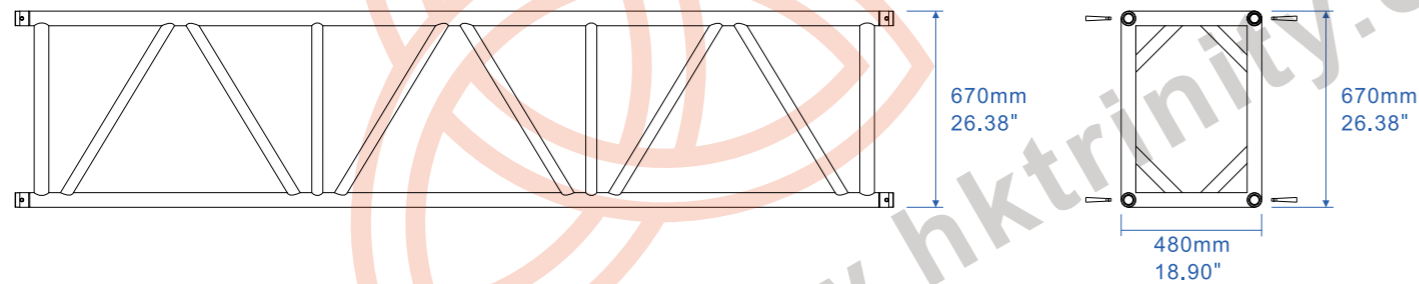
TD-Q4867R-50



俯视图
Top view



侧视图
Side view



规格 Dimensions

形状 Shape	矩形 Rectangular	矩形 Rectangular
材质 Material	EN AW 6082 T6	EN AW 6082 T6
主管 Main Tubes	50 x 4 mm	1.97 x 0.16 in
副管 Braces	38 x 2.5 mm	1.50 x 0.10 in
重量 Weight	≈16.8 kg/m	≈11.3 lbs/ft

1 inch = 25.4 mm 1 m = 3.28 ft 1 lbs = 0.453kg

TD-Q4867R-50 铝合金桁架允许荷载表

ALLOWABLE LOADING

跨度		平均分布荷载UDL		下垂值		中心点荷载CPL		下垂值		三段单点荷载TPL		四段单点荷载QPL		五段单点荷载FPL		自重
SPAN		Uniformly Distributed Load		DEFLECTION		Centre Point Load		DEFLECTION		single load third points		single load fourth points		single load fifth points		total weight
m	ft	kg/m	lbs/ft	mm	inch	kg	lbs	mm	inch	kg	lbs	kg	lbs	kg	lbs	kg
2	6.6	2850	1918.1	0.8	0.031	7800	17218.5	1.2	0.047	5460	12053.0	3600	7947.0	2880	6357.6	27.2
4	13.1	1825	1228.3	1.4	0.055	7060	15585.0	1.9	0.075	4980	10993.4	3280	7240.6	2660	5872.0	48.0
6	19.7	1240	834.5	3.6	0.142	4650	10264.9	4.0	0.157	3210	7086.1	2260	4989.0	1980	4370.9	75.2
8	26.2	840	565.3	5.4	0.213	3380	7461.4	6.5	0.256	2350	5187.6	1560	3443.7	1380	3046.4	96.0
10	32.8	530	356.7	8.9	0.350	2832	6251.7	9.6	0.378	1950	4304.6	1385	3057.4	1120	2472.4	123.2
12	39.4	340	228.8	11.6	0.457	2630	5805.7	12.9	0.508	1680	3708.6	1260	2781.5	990	2185.4	144.0
14	45.9	248	166.9	19.2	0.756	2420	5342.2	21.3	0.839	1530	3377.5	1135	2505.5	880	1942.6	171.2
16	52.5	186	125.2	23.5	0.925	1870	4128.0	25.4	1.000	1350	2980.1	1030	2273.7	760	1677.7	192.0
18	59.0	136	91.5	28.5	1.122	1430	3156.7	31.9	1.256	1020	2251.7	930	2053.0	630	1390.7	219.2
20	65.6	115	77.4	36.8	1.449	1125	2483.4	38.5	1.516	930	2053.0	715	1578.4	420	927.2	240.0
22	72.2	94	63.3	41.2	1.622	760	1677.7	43.2	1.701	645	1423.8	500	1103.8	392	865.3	267.2
24	78.7	68	45.8	45.6	1.795	580	1280.4	56.7	2.232	510	1125.8	416	918.3	295	651.2	288.0
26	85.3	45	30.3	52.3	2.059	465	1026.5	56.1	2.209	396	874.2	275	607.1	248	547.5	315.2
28	91.8	26	17.5	65.8	2.591	390	860.9	69.8	2.748	238	525.4	196	432.7	165	364.2	336.0
30	98.4	16	10.8	72.5	2.854	230	507.7	76.5	3.012	165	364.2	130	287.0	102	225.2	363.2

1 inch = 25.4 mm 1 m = 3.28 ft 1 lbs = 0.453kg

- 加载数据只适用于静态负荷和两个支撑点。
- 表中所列荷载均为恒荷载，未考虑动力系数。
- 加载数据基于BS-7905-2/ANSI E1.2-2006/CWA 15902-2, GB/T5237。在考虑安全因素时，加载数据应增加0.8。
- 桁架的自重已考虑。
- 适用桁架高度670mm，弦杆为Φ50*4mm圆管，腹杆为Φ38*2.5mm圆管。
- **特别注意：**超过20米的结构，如果由多个部分组合起来而构成的总长度，将会造成10 - 15%弯曲的可能性(在同等荷载的条件下)。允许偏差，荷载数据不变。
- Loading figures only valid for static loads and spans with two supporting points.
- Spans must be supported at each end.
- If dynamic loads or wind loads are involved, or more supporting points are applied, contact Trinity Customer Service for details.
- Loading figures are based on BS 7905-2/ANSI E1.2-2006/CWA 15902-2, GB/T5237. The loading data should multiply 0.8 for Safety factor consideration.
- The self-weight of the trusses has already been taken into account.
- Suitable for trusses with design height of 670mm. Main tubing Φ 50 * 4mm, brace tubing Φ38*2.5mm
- Special attention to structure over 20m, if multiple sections combined to make up the total length: Additional Reflection 10 to 15% deflection should be allowed, the allowable loading unchanged.