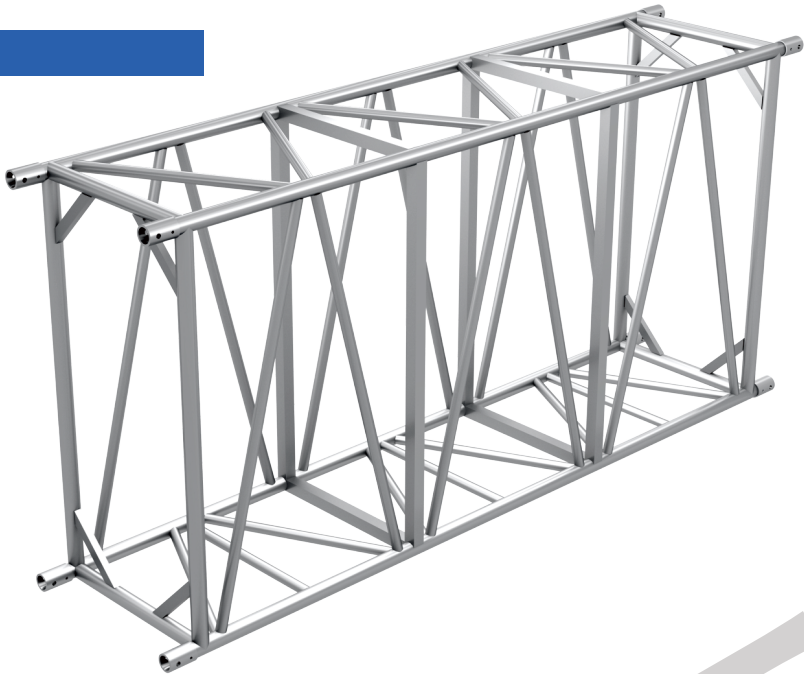
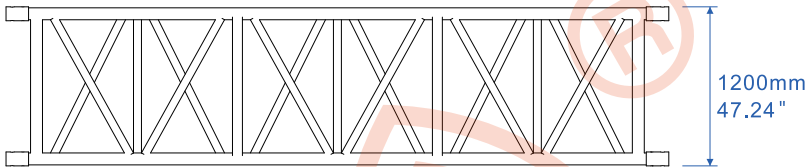


插销桁架系列
Quick Mount Series

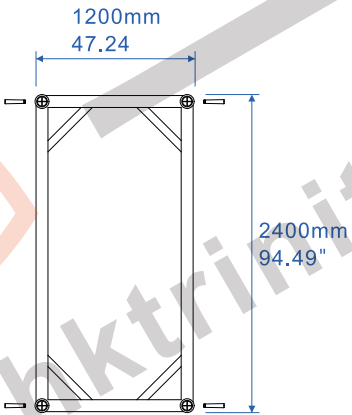
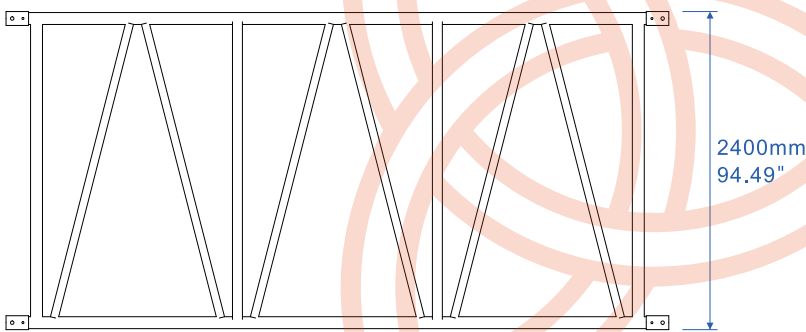
TD-QC240R-90



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	90 x 7 mm Cross Pipe (十字芯)	3.54 x 0.28 in Cross Pipe (十字芯)
副管 Braces	60 x 3.5 mm Cross Pipe (十字芯)	2.36 x 0.14 in Cross Pipe (十字芯)
重量 Weight	≈ 78.2 kg/m	≈ 35.42 lbs/ft
1 inch = 25.4 mm 1 m = 3.28 ft 1 lbs= 0.453kg		

TD-QC240R-90 铝合金桁架允许荷载表
ALLOWABLE LOADING

跨度 SPAN		平均分布荷载UDL Uniformly Distributed Load		下垂值 DEFLECTION		中心点荷载CPL Centre Point Load		下垂值 DEFLECTION		三段单点荷载TPL single load third points		四段单点荷载QPL single load fourth points		五段单点荷载FPL single load fifth points		自重 total weight
m	ft	kg/m	lbs/ft	mm	inch	kg	lbs	mm	inch	kg	lbs	kg	lbs	kg	lbs	kg
15	49.2	1160	780.7	5.2	0.205	16640	36732.9	9.0	0.354	12400	27373.1	8110	17902.9	6730	14856.5	1173.0
18	59.0	995	669.7	7.4	0.291	14750	32560.7	10.3	0.406	11062	24419.4	7200	15894.0	5960	13156.7	1407.6
21	68.9	845	568.7	10.3	0.406	13200	29139.1	14.2	0.559	9900	21854.3	6435	14205.3	5320	11743.9	1642.2
24	78.7	715	481.2	13.8	0.543	11850	26158.9	17.6	0.693	8880	19602.6	5770	12737.3	4795	10585.0	1876.8
27	88.6	600	403.8	18.0	0.709	10700	23620.3	22.3	0.878	8030	17726.3	5220	11523.2	4330	9548.1	2111.4
30	98.4	504	339.2	22.9	0.902	9920	21898.5	26.1	1.028	7445	16434.9	4854	10715.2	4015	8863.1	2346.0
33	108.2	435	292.8	28.2	1.110	9650	21302.4	32.9	1.295	7230	15960.3	4705	10386.3	3901	8611.5	2580.6
36	118.1	375	252.4	34.8	1.370	9420	20794.7	39.6	1.559	7065	15596.0	4582	10114.8	3815	8421.6	2815.2
39	127.9	324	218.1	41.8	1.646	9175	20253.9	48.8	1.921	6880	15187.6	4472	9872.0	3718	8207.5	3049.8
42	137.8	283	190.5	49.5	1.949	8920	19690.9	58.6	2.307	6695	14779.2	4340	9580.6	3610	7969.1	3284.4
45	147.6	252	169.6	57.9	2.280	8700	19205.3	68.4	2.693	6525	14404.0	4240	9359.8	3520	7770.4	3519.0
48	157.4	216	145.4	67.2	2.646	7985	17626.9	78.9	3.106	5988	13218.5	3890	8587.2	3310	7306.8	3753.6
51	167.3	185	124.5	78.3	3.083	7104	15682.1	82.5	3.248	5320	11743.9	3462	7642.4	2870	6335.5	3988.2
54	177.1	160	107.7	89.8	3.535	6050	13355.4	89.4	3.520	4540	10022.1	2950	6512.1	2448	5404.0	4222.8
57	187.0	138	92.9	102.4	4.031	4800	10596.0	97.6	3.843	3610	7969.1	2340	5165.6	1945	4293.6	4457.4
60	196.8	122	82.1	116.0	4.567	3360	7417.2	106.7	4.201	2525	5574.0	1640	3620.3	1360	3002.2	4692.0
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2400mm, 弦杆为Φ90*7mm十字芯圆管, 腹杆Φ60*3.5mm十字芯圆管。
- 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，负载数据不变。
- 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 2400mm, Main tubing Φ 90 * 7mm with cross insert, square tubing Φ 60 * 3.5mm with cross insert.
- 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.