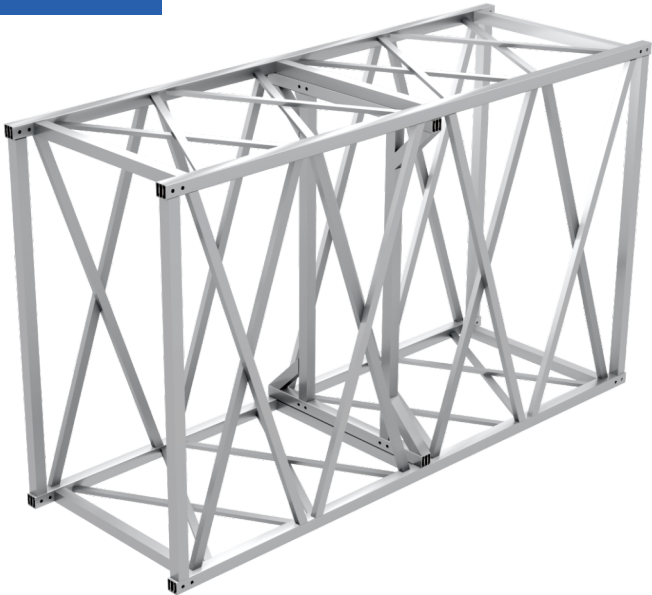
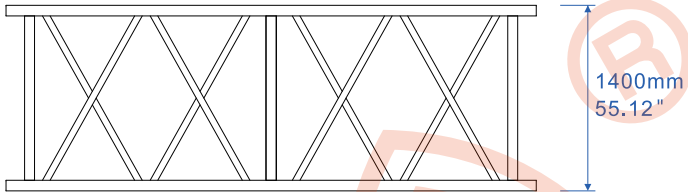


插销桁架系列
Quick Mount Series

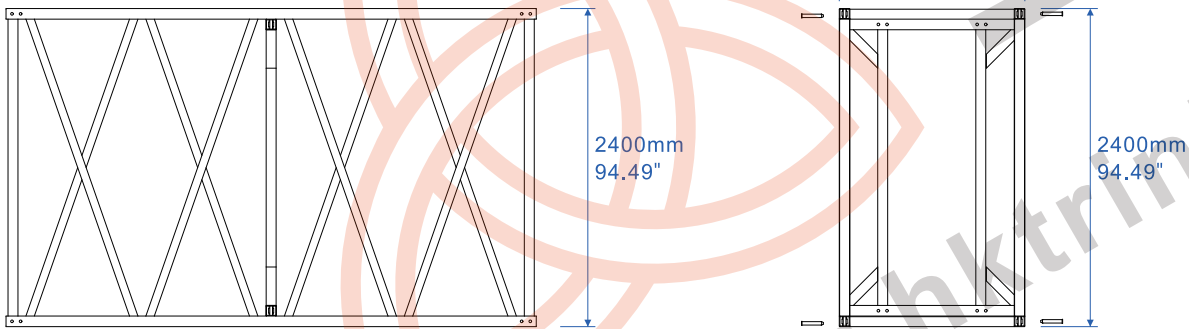
TD-QC240R-80



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	80 x 80 mm Square tubing(方通)	3.15 x 3.15 in Square tubing
副管 Braces	60 x 40 mm Square tubing(方通)	2.36 x 1.57 in Square tubing
重量 Weight	≈ 87.88 kg/m	≈ 39.81 lbs/ft
1 inch = 25.4 mm 1 m = 3.28 ft 1 lbs= 0.453kg		

TD-QC240R-80 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
12	39.4	2300	1547.9	3.1	0.122	23500	51876.4	4.7	0.185	17150	37858.7	11100	24503.3	9250	20419.4	1054.6
15	49.2	1810	1218.2	4.8	0.189	22310	49249.4	7.6	0.299	16280	35938.2	10580	23355.4	8780	19381.9	1318.2
18	59.0	1450	975.9	7.1	0.280	20950	46247.2	10.7	0.421	15300	33774.8	9948	21960.3	8256	18225.2	1581.9
21	68.9	1173	789.5	9.9	0.390	19500	43046.4	14.0	0.551	14230	31412.8	9250	20419.4	7670	16931.6	1845.5
24	78.7	950	639.4	13.2	0.520	17900	39514.3	17.5	0.689	13060	28830.0	8500	18763.8	7050	15562.9	2109.2
27	88.6	772	519.6	17.1	0.673	15550	34326.7	21.2	0.835	11350	25055.2	7380	16291.4	6125	13521.0	2372.8
30	98.4	630	424.0	21.4	0.843	13400	29580.6	25.1	0.988	9800	21633.6	6360	14039.7	5280	11655.6	2636.4
33	108.2	522	351.3	26.3	1.035	11400	25165.6	29.2	1.150	7320	16158.9	5410	11942.6	4490	9911.7	2900.0
36	118.1	442	297.5	31.8	1.252	9600	21192.1	33.5	1.319	7010	15474.6	4555	10055.2	3780	8344.4	3163.7
39	127.9	376	253.1	38.4	1.512	8470	18697.6	38.8	1.528	6180	13642.4	4020	8874.2	3330	7351.0	3427.4
42	137.8	316	212.7	45.4	1.787	7420	16379.7	44.6	1.756	5420	11964.7	3520	7770.4	2920	6445.9	3691.0
45	147.6	263	177.0	52.8	2.079	6450	14238.4	51.2	2.016	4700	10375.3	3060	6755.0	2540	5607.1	3954.6
48	157.4	216	145.4	60.7	2.390	5560	12273.7	58.2	2.291	4060	8962.5	2640	5827.8	2190	4834.4	4218.2
51	167.3	175	117.8	69.0	2.717	4740	10463.6	65.8	2.591	3460	7638.0	2250	4966.9	1865	4117.0	4481.9
54	177.1	141	94.9	77.8	3.063	4000	8830.0	74.2	2.921	2920	6445.9	2898	6397.4	1570	3465.8	4745.6
57	187.0	113	76.1	87.2	3.433	3325	7340.0	83	3.268	2425	5353.2	1580	3487.9	1310	2891.8	5009.2
60	196.8	90	60.6	96.9	3.815	2720	6004.4	92.6	3.646	2042	4507.7	1325	2924.9	1100	2428.3	5272.8
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80*80mm方通, 腹杆60*40mm方通。
- **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 80 * 80mm, square tubing 60 * 40mm.
- 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.