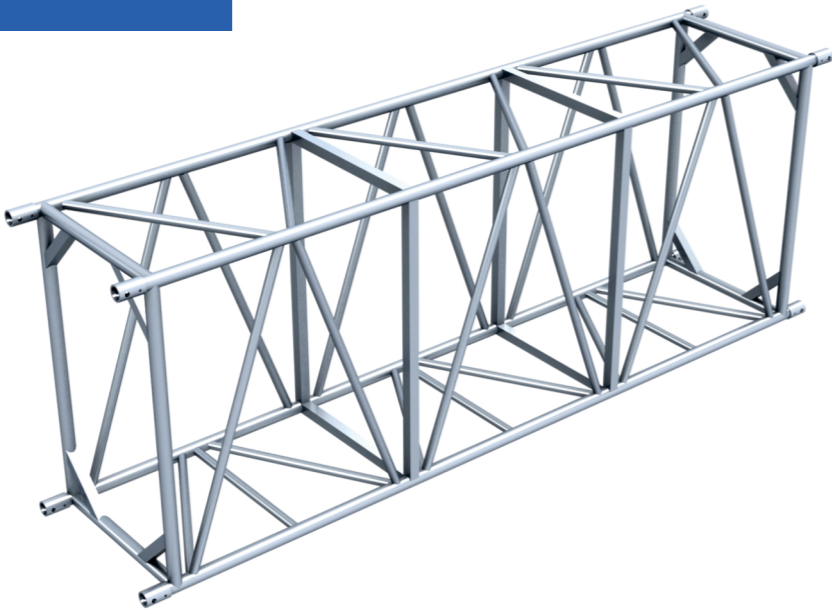
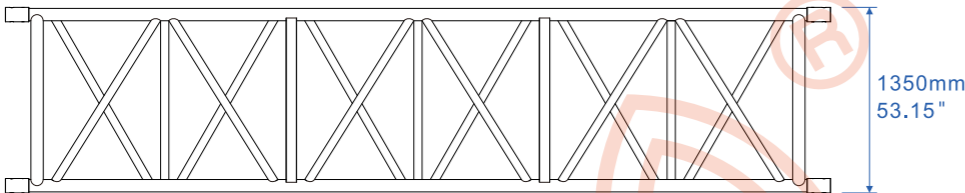


插销桁架系列
Quick Mount Series

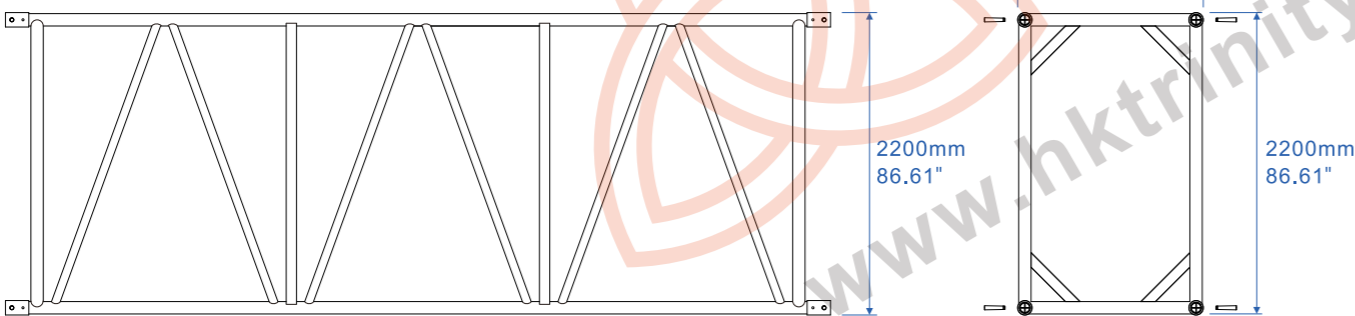
TD-QC220R-90



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	90 x 7 mm Cross Pipe (十字芯)	3.54 x 0.28 in Cross Pipe (十字芯)
重量 Weight	≈ 67.5 kg/m	≈ 45.43 lbs/ft
1 inch = 25.4 mm 1 m = 3.28 ft 1 lbs= 0.453kg		

TD-QC220R-90 铝合金桁架允许荷载表
ALLOWABLE LOADING

跨度 SPAN		平均分布负载UDL Uniformly Distributed Load		下垂值 DEFLECTION		中心点负载CPL Centre Point Load		下垂值 DEFLECTION		三段单点负载TPL single load third points		四段单点负载QPL single load fourth points		五段单点负载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
6	19.7	3300.0	2221.0	1.4	0.055	17000.0	37527.6	1.8	0.071	8400.0	18543.0	5600.0	12362.0	4500.0	9933.8	405.0
9	29.5	2750.0	1850.8	2.4	0.094	15100.0	33333.3	3.0	0.118	8250.0	18211.9	5520.0	12185.4	4420.0	9757.2	607.5
12	39.4	1500.0	1009.5	3.9	0.154	12000.0	26490.1	4.8	0.189	7800.0	17218.5	5400.0	11920.5	4350.0	9602.6	810.0
15	49.2	1230.0	827.8	5.2	0.205	11820.0	26092.7	6.2	0.244	7630.0	16843.3	5310.0	11721.9	4280.0	9448.1	1012.5
18	59.0	920.0	619.2	7.7	0.303	11600.0	25607.1	10.3	0.406	7400.0	16335.5	5200.0	11479.0	4170.0	9205.3	1215.0
21	68.9	800.0	538.4	12.2	0.480	11510.0	25408.4	14.1	0.555	7310.0	16136.9	5150.0	11368.7	4120.0	9094.9	1417.5
24	78.7	640.0	430.7	14.6	0.575	11400.0	25165.6	18.0	0.709	7220.0	15938.2	5060.0	11170.0	4050.0	8940.4	1620.0
27	88.6	570.0	383.6	17.6	0.693	10550.0	23289.2	19.2	0.756	6850.0	15121.4	4780.0	10551.9	3800.0	8388.5	1822.5
30	98.4	502.0	337.9	22.1	0.870	9700.0	21412.8	26.4	1.039	6440.0	14216.3	4490.0	9911.7	3580.0	7902.9	2025.0
33	108.2	435.0	292.8	30.6	1.205	8780.0	19381.9	35.5	1.398	5920.0	13068.4	4180.0	9227.4	3420.0	7549.7	2227.5
36	118.1	350.0	235.6	37.8	1.488	7800.0	17218.5	41.2	1.622	5600.0	12362.0	3900.0	8609.3	3110.0	6865.3	2430.0
39	127.9	315.0	212.0	44.8	1.764	7150.0	15783.7	49.6	1.953	5160.0	11390.7	3600.0	7947.0	2860.0	6313.5	2632.5
42	137.8	277.0	186.4	53.3	2.098	6460.0	14260.5	58.6	2.307	4760.0	10507.7	3310.0	7306.8	2620.0	5783.7	2835.0
45	147.6	235.0	158.2	62.5	2.461	5780.0	12759.4	69.5	2.736	4280.0	9448.1	2800.0	6181.0	2210.0	4878.6	3037.5
48	157.4	190.0	127.9	72.1	2.839	5100.0	11258.3	75.8	2.984	3840.0	8476.8	2720.0	6004.4	2150.0	4746.1	3240.0
51	167.3	182.0	122.5	82.5	3.248	4520.0	9977.9	86.5	3.406	3390.0	7483.4	2380.0	5253.9	1900.0	4194.3	3442.5
54	177.1	170.0	114.4	93.4	3.677	3950.0	8719.6	97.6	3.843	2920.0	6445.9	1950.0	4304.6	1560.0	3443.7	3645.0
57	187.0	158.0	106.3	103.5	4.075	3360.0	7417.2	108.2	4.260	2450.0	5408.4	1600.0	3532.0	1280.0	2825.6	3847.5
60	196.8	145.0	97.6	110.2	4.339	2900.0	6401.8	114.8	4.520	1960.0	4326.7	1320.0	2913.9	1050.0	2317.9	4050.0
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2200mm，弦杆为Φ90*7mm十字芯圆管，腹杆Φ90*7mm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 2200mm. Main tubing Φ 90 * 7mm with cross insert, square tubing Φ 90 * 7mm 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 .