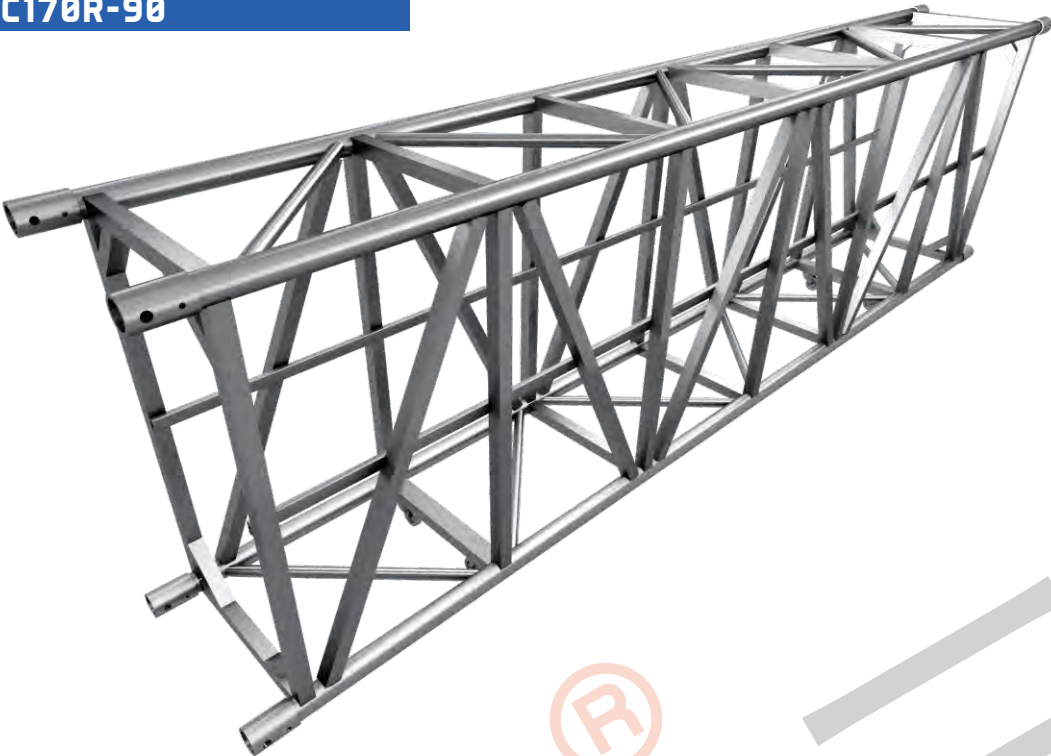
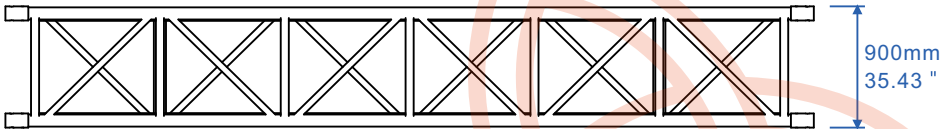


插销桁架系列  
Quick Mount Series

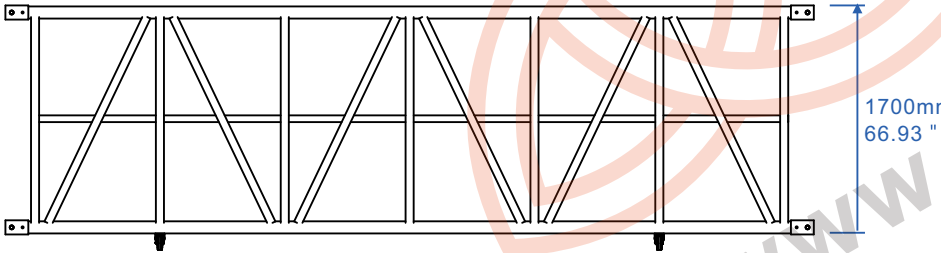
TD-QC170R-90



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 60 mm Squaretuing (方通)	2.36 x 2.36 in Squaretuing (方通)
1 inch = 25.4 mm    1 m = 3.28 ft    1 lbs= 0.453kg		

重量 Weight		
规格 Dimensions	Kg	lbs
2.0 m	≈ 150.0 kg	≈ 331.13 lbs
3.0 m	≈ 200.0 kg	≈ 441.50 lbs
4.0 m	≈ 252.5 kg	≈ 557.40 lbs
4.5 m	≈ 290.0 kg	≈ 640.18 lbs
5.0 m	≈ 330.0 kg	≈ 728.48 lbs
5.5 m	≈ 340.0 kg	≈ 750.55 lbs
6.0 m	≈ 357.0 kg	≈ 788.08 lbs
1 m = 3.28 ft    1 lbs= 0.453kg		

TD-QC170R-90 铝合金桁架允许荷载表  
ALLOWABLE LOADING

跨度		平均分布负载UDL		下垂值		中心点负载CPL		下垂值		三段单点负载TPL		四段单点负载QPL		五段单点负载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	6.56	21330.0	14355.52	0.2	0.008	40500.0	89403.97	0.4	0.016	30375.0	67052.98	19751.0	43600.44	15012.0	33139.07	150.0
3	9.84	17550.0	11811.50	0.8	0.031	38678.0	85381.90	1.0	0.039	27182.0	60004.42	17125.0	37803.53	12987.0	28668.87	200.0
4	13.12	14445.0	9721.77	1.9	0.075	36153.0	79807.95	2.0	0.079	26143.0	57710.82	16470.0	36357.62	12515.0	27626.93	252.5
6	19.68	11390.0	7665.70	3.5	0.138	33661.0	74306.84	4.5	0.177	24991.0	55167.77	15745.0	34757.17	11966.0	26415.01	357.0
8	26.24	8201.0	5519.44	5.3	0.209	31738.0	70061.81	5.5	0.217	23879.0	52713.02	15048.0	33218.54	11417.0	25203.09	507.0
10	32.80	6539.0	4400.88	7.0	0.276	29962.0	66141.28	7.4	0.291	22150.0	48896.25	13936.0	30763.80	10586.0	23368.65	609.5
12	39.36	3884.0	2614.01	8.8	0.346	27265.0	60187.64	9.5	0.372	20748.0	45801.32	13101.0	28920.53	10055.0	22196.47	714.0
14	45.92	1543.0	1038.47	11.1	0.437	25536.0	56370.86	11.7	0.461	19485.0	43013.25	11784.0	26013.25	8964.0	19788.08	864.0
16	52.48	1496.0	1006.84	13.1	0.516	23408.0	51673.29	14.0	0.551	17955.0	39635.76	10460.0	23090.51	7940.0	17527.59	966.5
18	59.04	1434.0	965.11	17.3	0.681	20935.0	46214.13	21.1	0.831	15642.0	34529.80	9082.0	20048.57	7207.0	15909.49	1071.0
20	65.60	1386.0	932.81	19.7	0.776	18150.0	40066.23	22.5	0.886	13464.0	29721.85	7788.0	17192.05	6138.0	13549.67	1221.0
22	72.16	1333.0	897.14	22.5	0.886	14626.0	32286.98	24.9	0.980	12408.0	27390.73	7207.0	15909.49	5663.0	12501.10	1323.5
24	78.72	1287.0	866.18	17.4	0.685	13464.0	29721.85	30.5	1.201	10138.0	22379.69	6514.0	14379.69	5214.0	11509.93	1428.0
26	85.28	1082.0	728.21	34.7	1.366	12380.0	27328.92	37.3	1.469	9000.0	19867.55	5862.0	12940.40	4834.0	10671.08	1578.0
28	91.84	843.0	567.36	40.9	1.610	11214.0	24754.97	45.8	1.803	8201.0	18103.75	5450.0	12030.91	4480.0	9889.62	1680.5
30	98.40	635.0	427.37	48.4	1.906	10244.0	22613.69	53.3	2.098	7441.0	16426.05	5002.0	11041.94	4343.0	9587.20	1785.0
32	104.96	587.0	395.06	53.9	2.122	9629.0	21256.07	57.0	2.244	7100.0	15673.29	4775.0	10540.84	4068.0	8980.13	1935.0
34	111.52	519.0	349.30	60.0	2.362	8928.0	19708.61	62.6	2.465	6616.0	14604.86	4533.0	10006.62	3812.0	8415.01	2037.5
36	118.08	471.0	316.99	65.1	2.563	8340.0	18410.60	67.4	2.654	6221.0	13732.89	4115.0	9083.89	3570.0	7880.79	2142.0
38	124.64	432.0	290.74	66.7	2.626	7950.0	17549.67	71.5	2.815	5767.0	12730.68	3809.0	8408.39	3315.0	7317.88	2292.0
40	131.20	384.0	258.44	72.5	2.854	7319.0	16156.73	76.8	3.024	5226.0	11536.42	3497.0	7719.65	3078.0	6794.70	2394.5
42	137.76	330.0	222.10	80.9	3.185	6650.0	14679.91	83.4	3.283	4765.0	10518.76	3159.0	6973.51	2821.0	6227.37	2499.0
44	144.32	293.0	197.19	99.0	3.898	6006.0	13258.28	99.0	3.898	4355.0	9613.69	2808.0	6198.68	2571.0	5675.50	2649.0
46	150.88	267.0	179.70	114.7	4.516	5715.0	12615.89	118.4	4.661	4102.0	9055.19	2696.0	5951.43	2247.0	4960.26	2751.5
48	157.44	229.0	154.12	125.4	4.937	5361.0	11834.44	128.3	5.051	3986.0	8799.12	2657.0	5865.34	2187.0	4827.81	2856.0
50	164.00	200.0	134.60	135.6	5.339	4876.0	10763.80	138.6	5.457	3806.0	8401.77	2561.0	5653.42	2103.0	4642.38	3006.0
52	170.56	168.0	113.07	143.2	5.638	4592.0	10136.87	147.3	5.799	3464.0	7646.80	2270.0	5011.04	1961.0	4328.92	3108.5
54	177.12	151.0	101.63	165.2	6.504	4198.0	9267.11	168.0	6.614	2970.0	6556.29	1997.0	4408.39	1651.0	3644.59	3213.0
56	183.68	138.0	92.88	174.7	6.878	3789.0	8364.24	178.9	7.043	2765.0	6103.75	1862.0	4110.38	1533.0	3384.11	3363.0
58	190.24	117.1	78.81	179.0	7.047	3340.1	7373.29	189.0	7.441	2451.1	5410.82	1701.8	3756.73	1416.1	3126.05	3465.5
60	196.80	88.8	59.76	235.0	9.252	3062.5	6760.49	254.0	10.000	2287.5	5049.67	1562.5	3449.23	1331.3	2938.85	3570.0
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1700mm，弦杆为Φ90\*7mm十字芯圆管，腹杆为Φ60\*60mm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 1700mm, Main tubing Φ 90 \* 7mm with cross insert, square tubing Φ 60 \* 60mm.
- 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.