



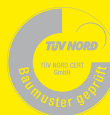
Capacity and possibilities

Big trusses



Capacity and possibilities

QuickTruss® M400

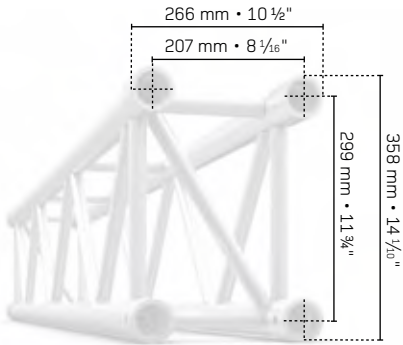


QuickTruss® M400 has been designed specifically for heavy-duty applications and is ideally suited for large stage and rental markets. In addition to outstanding strength of construction, the system features Quick-Connectors for speed and ease of assembly.

M400 is available in two versions, rectangular and square formats. It uses larger formats of the regular Quick-Connectors secured with tapered pins and retaining clips which enables spans of up

to 20 meters [65,6 ft] to be achieved. The M400 range is also an important component in the construction of our MR3 Roofs.

QuickTruss® M400 is available in custom lengths and junctions, and can be curved (See Circle Section). It comes in Natural Silver or a wide variety of Powder Coated colours and finishes.



RECT RTO

tubes	50 x 4 mm	2" x 1/8"	braces	25 x 3 mm	1" x 1/8"	alloy	EN - AW 6082 T6
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RECT M400	2,00	6.56	3,00	9.84	4,00	13.12	5,00	16.41	6,00	19.69	7,00	22.97	8,00	26.25	9,00	29.53	10,00	32.81
Span in m (ft)																		
point load in kg (lbs)	4497,00	9914.18	3292,00	7257.61	2460,00	5423.37	1959,00	4318.85	1624,00	3580.30	1383,00	3048.99	1201,00	2647.75	1058,00	2332.49	943,00	2078.96
deflection in mm (inch)	2,00	0.08	6,00	0.23	10,00	0.39	15,00	0.59	22,00	0.86	30,00	1.17	40,00	1.56	50,00	1.95	62,00	2.42
two point load in kg (lbs)	3712,00	8183.55	2469,00	5443.21	1845,00	4067.52	1469,00	3238.59	1218,00	2685.23	1037,00	2286.19	901,00	1986.36	794,00	1750.47	707,00	1558.67
deflection in mm (inch)	3,00	0.12	7,00	0.27	13,00	0.51	20,00	0.78	28,00	1.09	39,00	1.52	50,00	1.95	64,00	2.50	79,00	3.08
distrib. loading in kg/m (lbs/ft)	2248,00	1510.43	1496,00	1005.16	1119,00	751.86	784,00	526.77	541,00	363.50	395,00	265.40	300,00	201.57	235,00	157.90	189,00	126.99
total distrib. loading in kg (lbs)	4496,00	9911.97	4488,00	9894.33	4476,00	9867.88	3920,00	8642.11	3246,00	7156.20	2765,00	6095.77	2400,00	5291.09	2115,00	4662.77	1890,00	4166.73
deflection in mm (inch)	1,00	0.04	5,00	0.20	11,00	0.43	19,00	0.74	28,00	1.09	38,00	1.48	49,00	1.91	62,00	2.42	77,00	3.00

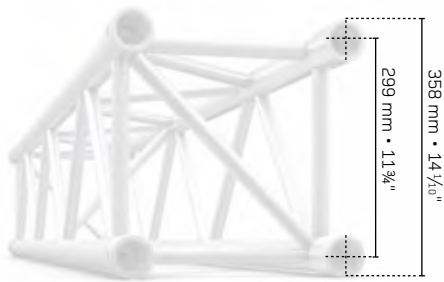
11,00	36.09	12,00	39.37	13,00	42.65	14,00	45.93	15,00	49.22	16,00	52.5	17,00	55.78	18,00	59.06	19,00	62.34	20,00	65.62
848,00	1869.52	768,00	1693.15	699,00	1541.03	640,00	1410.96	588,00	1296.32	542,00	1194.90	500,00	1102.31	463,00	1020.74	429,00	945.78	398,00	877.44
76,00	2.96	90,00	3.51	106,00	4.13	124,00	4.84	142,00	5.54	163,00	6.36	184,00	7.18	207,00	8.07	232,00	9.05	258,00	10.06
636,00	1402.14	576,00	1269.86	524,00	1155.22	480,00	1058.22	441,00	972.24	406,00	895.08	375,00	826.73	347,00	765	322,00	709.89	298,00	656.98
95,00	3.71	113,00	4.41	133,00	5.19	154,00	6.01	176,00	6.86	201,00	7.84	227,00	8.85	254,00	9.91	283,00	11.04	313,00	12.21
154,00	103.47	128,00	86.00	108,00	72.57	91,00	61.14	78,00	52.41	68,00	45.69	59,00	39.64	51,00	34.27	45,00	30.24	40,00	26.88
1694,00	3734.63	1536,00	3386.30	1404,00	3095.29	1274,00	2808.69	1170,00	2579.41	1088,00	2398.63	1003,00	2211.23	918,00	2023.84	855,00	1884.95	800,00	1763.7
93,00	3.63	111,00	4.33	130,00	5.07	151,00	5.89	173,00	6.75	197,00	7.68	222,00	8.66	249,00	9.71	278,00	10.84	308,00	12.01

metric data	imperial data
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point load in kg (lbs)	
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two point load in kg (lbs)	
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distrib. load (UDL) in kg/m (lbs/ft)	
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QUATRO QTO

tubes	50 x 4 mm	2" x 1/8"	braces	25 x 3 mm	1" x 1/8"	alloy	EN - AW 6082 T6
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QUATRO M400																		
Span in m (ft)	2,00	6.56	3,00	9.84	4,00	13.12	5,00	16.41	6,00	19.69	7,00	22.97	8,00	26.25	9,00	29.53	10,00	32.81
point load in kg (lbs)	4495,00	9909.77	3290,00	7253.2	2458,00	5418.96	1957,00	4314.44	1621,00	3573.69	1380,00	3042.38	1197,00	2638.93	1054,00	2323.67	938,00	2067.93
deflection in mm (inch)	2,00	0.08	6,00	0.23	10,00	0.39	15,00	0.59	22,00	0.86	30,00	1.17	40,00	1.56	50,00	1.95	62,00	2.42
two point load in kg (lbs)	3712,00	8183.55	2468,00	5441	1844,00	4065.32	1468,00	3236.38	1216,00	2680.82	1035,00	2281.78	898,00	1979.75	790,00	1741.65	704,00	1552.05
deflection in mm (inch)	3,00	0.12	7,00	0.27	13,00	0.51	20,00	0.78	28,00	1.09	39,00	1.52	50,00	1.95	64,00	2.50	79,00	3.08
distrib. loading in kg/m (lbs/ft)	2247,00	1509.76	1495,00	1004.49	1118,00	751.18	783,00	526.1	540,00	362.83	394,00	264.73	299,00	200.90	234,00	157.22	188,00	126.32
total distrib. loading in kg (lbs)	4494,00	9907.56	4485,00	9887.72	4472,00	9859.06	3915,00	8631.09	3240,00	7142.97	2758,00	6080.34	2392,00	5273.45	2106,00	4642.93	1880,00	4144.69
deflection in mm (inch)	1,00	0.04	5,00	0.2	11,00	0.43	19,00	0.74	28,00	1.09	38,00	1.48	49,00	1.91	62,00	2.42	77,00	3.00

11,00	36.09	12,00	39.37	13,00	42.65	14,00	45.93	15,00	49.22	16,00	52.5	17,00	55.78	18,00	59.06	19,00	62.34	20,00	65.62
843,00	1858.49	762,00	1679.92	693,00	1527.80	634,00	1397.73	581,00	1280.88	534,00	1177.27	493,00	1086.88	455,00	1003.1	420,00	925.94	389,00	857.60
76,00	2.96	90,00	3.51	106,00	4.13	124,00	4.84	143,00	5.58	163,00	6.36	185,00	7.22	208,00	8.11	233,00	9.09	259,00	10.10
632,00	1393.32	572,00	1261.04	520,00	1146.40	475,00	1047.19	436,00	961.21	401,00	884.05	369,00	813.50	341,00	751.78	315,00	694.46	292,00	643.75
95,00	3.71	113,00	4.41	133,00	5.19	154,00	6.01	176,00	6.86	201,00	7.84	226,00	8.81	254,00	9.91	283,00	11.04	313,00	12.21
153,00	102.80	127	85.33	107,00	71.89	91,00	61.14	77,00	51.74	67,00	45.02	58,00	38.97	51,00	34.27	44,00	29.56	39,00	26.20
1683,00	3710.38	1524	3359.84	1391,00	3066.63	1274,00	2808.69	1155,00	2546.34	1072,00	2363.35	986,00	2173.76	918,00	2023.84	836,00	1843.06	780,00	1719.60
93,00	3.63	111	4.33	130,00	5.07	151,00	5.89	173,00	6.75	197,00	7.68	222,00	8.66	249,00	9.71	278,00	10.84	308,00	12.01

STANDARD LENGTHS AVAILABLE AND WEIGHTS															
m (ft)	0,50	1.64	1,00	3.28	1,50	4.92	2,00	6.56	2,50	8.20	3,00	9.84	4,00	13.12	
Rect.-kg (lbs)	7,90	17.42	11,90	26.23	15,90	35.05	19,61	43.23	23,61	52.05	27,61	60.87	35,10	77.38	
Quatro.-kg (lbs)	8,50	18.74	13,10	28.88	17,60	38.80	21,91	48.30	26,40	58.20	31,15	68.67	39,60	87.30	

connection material (pins/clips/cons) and packaging not included in above weights