

Capacity and possibilities

QuickTruss® M390K



The QuickTruss® M390K is a larger format product line offered and is available in regular "K" Range format.

QuickTruss® M390K 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 colors and finishes.

The M390K Series uses the same Conical Connectors, Pins and R-Clips as the M290 Series and offers remarkable weight loading capabilities while fitting the needs of more substantial spans and booth designs.

DUO M390K																
Span in m (ft)	4,00	13.12	6,00	19.69	8,00	26.25	10,00	32.81	12,00	39.37	14,00	45.93	16,00	52.5	18,00	59.06
point load in kg (lbs)	831,00	1832.04	549,00	1210.34	407,00	897.28	320,00	705.48	261,00	575.41	218,00	480.61	186,00	410.06	159,00	350.53
deflection in mm (inch)	9,00	0.35	20,00	0.78	36,00	1.40	56,00	2.18	81,00	3.16	111,00	4.33	146,00	5.69	186,00	7.25
two point load in kg (lbs)	612,00	1349.23	412,00	908.30	305,00	672.41	240,00	529.11	196,00	432.11	164,00	361.56	139,00	306.44	120,00	264.55
deflection in mm (inch)	11,00	0.43	26,00	1.01	45,00	1.76	71,00	2.77	102,00	3.98	139,00	5.42	181,00	7.06	229,00	8.93
distrib. loading in kg/m (lbs/ft)	306,00	205.60	183,00	122.96	102,00	68.53	64,00	43.00	44,00	29.56	31,00	20.83	23,00	15.45	18,00	12.09
total distrib. loading in kg (lbs)	1224,00	2698.45	1098,00	2420.67	814,00	1798.5	640,00	1410.96	528,00	1164.04	434,00	956.81	368,00	811.30	324,00	714.30
deflection in mm (inch)	8,00	0.31	25,00	0.98	44,00	1.72	69,00	2.69	100,00	3.90	136,00	5.30	177,00	6.90	225,00	8.78

DUO figures are based on use in vertical mode @ grid application (i.e. stabilized every 1 m)

TRIO M390K																
Span in m (ft)	4,00	13.12	6,00	19.69	8,00	26.25	10,00	32.81	12,00	39.37	14,00	45.93	16,00	52.50	18,00	59.06
point load in kg (lbs)	715,00	1576.30	468,00	1031.76	342,00	753.98	264,00	582.02	210,00	462.97	171,00	376.99	140,00	308.65	114,00	251.33
deflection in mm (inch)	8,00	0.31	17,00	0.66	31,00	1.21	49,00	1.91	71,00	2.77	98,00	3.82	129,00	5.03	166,00	6.47
two point load in kg (lbs)	536,00	1181.68	351,00	773.82	256,00	564.38	198,00	436.51	158,00	348.33	128,00	282.19	105,00	231.49	86,00	189.60
deflection in mm (inch)	10,00	0.39	22,00	0.86	39,00	1.52	61,00	2.38	88,00	3.43	119,00	4.64	156,00	6.08	197,00	7.68
distrib. loading in kg/m (lbs/ft)	357,00	239.87	156,00	104.82	85,00	57.11	53,00	35.61	35,00	23.52	24,00	16.13	17,00	11.42	13,00	8.73
total distrib. loading in kg (lbs)	1428,00	3148.20	936,00	2063.52	680,00	1499.14	530,00	1168.45	420,00	925.94	336,00	740.75	272,00	599.66	234,00	515.88
deflection in mm (inch)	10,00	0.39	21,00	0.82	38,00	1.48	60,00	2.34	86,00	3.35	117,00	4.56	153,00	5.97	193,00	7.53

TRIO figures are based on use in apex down orientation

QUATRO M390K																
Span in m (ft)	4,00	13.12	6,00	19.69	8,00	26.25	10,00	32.81	12,00	39.37	14,00	45.93	16,00	52.50	18,00	59.06
point load in kg (lbs)	1661,00	3661.87	1096,00	2416.26	809,00	1783.54	634,00	1397.73	516,00	1137.58	429,00	945.78	362,00	798.07	308,00	679.02
deflection in mm (inch)	9,00	0.35	20,00	0.78	36,00	1.40	56,00	2.18	81,00	3.16	112,00	4.37	147,00	5.73	187,00	7.29
two point load in kg (lbs)	1222,00	2694.05	822,00	1812.20	607,00	1338.20	476,00	1049.40	387,00	853.19	322,00	709.89	271,00	597.45	231,00	509.27
deflection in mm (inch)	11,00	0.43	26,00	1.01	45,00	1.76	71,00	2.77	102,00	3.98	139,00	5.42	181,00	7.06	229,00	8.93
distrib. loading in kg/m (lbs/ft)	611,00	410.53	365,00	245.24	202,00	135.72	127,00	85.33	86,00	57.78	61,00	40.99	45,00	30.24	34,00	22.84
total distrib. loading in kg (lbs)	2444,00	5388.09	2190,00	4828.12	1616,00	3562.67	1270,00	2799.87	1032,00	2275.17	854,00	1882.75	720,00	1587.33	612,00	1349.23
deflection in mm (inch)	8,00	0.31	25,00	0.98	44,00	1.72	69,00	2.69	100,00	3.90	136,00	5.30	178,00	6.94	225,00	8.78

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	5,00	16.41
Duo-kg (lbs)	1,75	3.86	3,45	7.61	4,00	8.82	6,90	15.21	8,65	19.07	10,35	22.82	13,80	30.42	17,25	38.03
Trio-kg (lbs)	2,50	5.51	4,95	10.91	5,43	11.97	9,90	21.83	12,40	27.34	14,85	32.74	19,80	43.65	24,75	54.56
Quatro-kg (lbs)	3,25	7.17	6,50	14.33	9,75	21.50	13,00	28.66	16,25	35.83	19,50	42.99	26,00	57.32	32,50	71.65

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

metric data	imperial data	point load in kg (lbs)	two point load in kg (lbs)	distrib. load (UDL) in kg/m (lbs/ft)
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Capacity and possibilities

QuickTruss® M390L



The QuickTruss® M390L is a larger format product line offered and is available in heavy-duty "L" Range format.

The M390L Series uses the same Conical Connectors, Pins and R-Clips as the M290 Series and offers remarkable weight loading capabilities while

fitting the need of more substantial spans and booth designs.

QuickTruss® M390L 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 colors and finishes.

DUO M390L																
Span in m (ft)	4,00	13.12	6,00	19.69	8,00	26.25	10,00	32.81	12,00	39.37	14,00	45.93	16,00	52.50	18,00	59.06
point load in kg (lbs)	1040,00	2292.80	688,00	1516.78	510,00	1124.36	402,00	886.26	328,00	723.12	275,00	606.27	234,00	515.88	202,00	445.33
deflection in mm (inch)	8,00	0.31	18,00	0.70	32,00	1.25	50,00	1.95	72,00	2.81	99,00	3.86	130,00	5.07	166,00	6.47
two point load in kg (lbs)	611,00	1347.02	516,00	1137.58	382,00	842.16	301,00	663.59	246,00	542.34	206,00	454.15	176,00	388.01	151,00	332.90
deflection in mm (inch)	8,00	0.31	23,00	0.90	41,00	1.60	63,00	2.46	91,00	3.55	124,00	4.84	162,00	6.32	205,00	8.00
distrib. loading in kg/m (lbs/ft)	306,00	205.60	203,00	136.40	127,00	85.33	80,00	53.75	55,00	36.95	39,00	26.20	29,00	19.49	22,00	14.78
total distrib. loading in kg (lbs)	1224,00	2698.45	1218,00	2685.23	1016,00	2239.89	800,00	1763.7	660,00	1455.05	546,00	1203.72	464,00	1022.94	396,00	873.03
deflection in mm (inch)	6,00	0.23	20,00	0.78	40,00	1.56	62,00	2.42	89,00	3.47	121,00	4.72	158,00	6.16	200,00	7.80

DUO figures are based on use in vertical mode & grid application (i.e. stabilized every 1 m)

TRIO M390L																
Span in m (ft)	4,00	13.12	6,00	19.69	8,00	26.25	10,00	32.81	12,00	39.37	14,00	45.93	16,00	52.50	18,00	59.06
point load in kg (lbs)	894,00	1970.93	586,00	1291.91	429,00	945.78	333,00	734.14	266,00	586.43	217,00	478.4	179,00	394.63	147,00	324.08
deflection in mm (inch)	7,00	0.27	15,00	0.59	28,00	1.09	43,00	1.68	63,00	2.46	87,00	3.39	115,00	4.49	147,00	5.73
two point load in kg (lbs)	671,00	1479.3	440,00	970.03	322,00	709.89	249,00	548.95	200,00	440.92	163,00	359.35	134,00	295.42	110,00	242.51
deflection in mm (inch)	9,00	0.35	20,00	0.78	35,00	1.37	54,00	2.11	78,00	3.04	107,00	4.17	139,00	5.42	176,00	6.86
distrib. loading in kg/m (lbs/ft)	447,00	300.34	195,00	131.02	107,00	71.89	67,00	45.02	44,00	29.56	31,00	20.83	22,00	14.78	16,00	10.75
total distrib. loading in kg (lbs)	1788,00	3941.86	1170,00	2579.41	856,00	1887.15	670,00	1477.10	528,00	1164.04	434,00	956.81	356,00	784.84	288,00	634.93
deflection in mm (inch)	9,00	0.35	19,00	0.74	34,00	1.33	53,00	2.07	77,00	3.00	104,00	4.06	136,00	5.30	173,00	6.75

TRIO figures are based on use in apex down orientation

QUATRO M390L																
Span in m (ft)	4,00	13.12	6,00	19.69	8,00	26.25	10,00	32.81	12,00	39.37	14,00	45.93	16,00	52.50	18,00	59.06
point load in kg (lbs)	2078,00	4581.2	1372,00	3024.74	1014,00	2235.48	797,00	1757.08	649,00	1430.80	541,00	1192.7	458,00	1009.72	391,00	862.01
deflection in mm (inch)	8,00	0.31	18,00	0.70	32,00	1.25	50,00	1.95	72,00	2.81	99,00	3.86	131,00	5.11	167,00	6.51
two point load in kg (lbs)	1219,00	2687.43	1029,00	2268.55	761,00	1677.72	597,00	1316.16	486,00	1071.45	405,00	892.87	343,00	756.18	293,00	645.95
deflection in mm (inch)	8,00	0.31	23,00	0.90	41,00	1.60	63,00	2.46	91,00	3.55	124,00	4.84	162,00	6.32	204,00	7.96
distrib. loading in kg/m (lbs/ft)	610,00	409.86	404,00	271.45	254,00	170.66	159,00	106.83	108,00	72.57	77,00	51.74	57,00	38.30	43,00	28.89
total distrib. loading in kg (lbs)	2440,00	5379.27	2424,00	5344	2032,00	4479.79	1590,00	3505.35	1296,00	2857.19	1078,00	2376.58	912,00	2010.61	774,00	1706.38
deflection in mm (inch)	6,00	0.23	20,00	0.78	40,00	1.56	62,00	2.42	89,00	3.47	121,00	4.72	158,00	6.16	200,00	7.80

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	5,00	16.41
Duo-kg (lbs)	1,90	4.19	3,80	8.38	5,70	12.57	7,60	16.76	9,50	20.94	11,40	25.13	15,20	33.51	19,00	41.89
Trio-kg (lbs)	2,90	6.39	5,75	12.68	6,85	15.10	11,50	25.35	14,40	31.75	17,25	38.03	23,00	50.71	28,75	63.38
Quatro-kg (lbs)	3,55	7.83	7,10	15.65	8,00	17.64	14,20	31.31	17,75	39.13	21,30	46.96	28,40	62.61	35,50	78.26

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

metric data imperial data

point load in kg (lbs)

two point load in kg (lbs)

distrib. load (UDL) in kg/m (lbs/ft)