

Small size and huge help

QuickTruss® M220



The QuickTruss® M220 system is a lightweight, versatile, modular aluminium truss range ideal for exhibition & display applications. The 35mm main tube is aesthetically combined with continuous formed spars to create a compact truss with great free-span characteristics.

M220 features the QuickTruss® connection technology for an extremely Quick, Simple and Secure

assembly of components using conical connectors and tapered pins.

In addition to the variety of formats, standard junctions and accessories available, our specialist production service can create virtually any length, angle or curve profile required to suit your specific project.

DUO M220																			
Span in m (ft)	1,00	3.28	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	
point load in kg (lbs)	250,20	551.7	163,80	361.20	109,00	240.30	80,00	176.40	63,00	138.90	52,20	115.10	43,20	95.30	37,00	81.60	31,50	69.50	
deflection in mm (inch)	0,00	0.00	1,00	0.00	3,00	0.10	6,00	0.20	8,00	0.30	11,00	0.40	16,00	0.60	21,00	0.80	28,00	1.10	
two point load in kg (lbs)	125,00	275.60	103,00	227.10	81,20	179.00	60,50	133.40	47,30	104.30	38,70	85.30	32,90	72.50	27,20	60.00	24,00	52.90	
deflection in mm (inch)	0,00	0.00	2,00	0.10	4,00	0.20	7,00	0.30	10,00	0.40	14,00	0.50	19,00	0.70	25,00	1.00	32,00	1.20	
distrib. loading in kg/m (lbs/ft)	250,20	168.10	124,20	83.50	72,00	48.40	40,50	27.20	25,20	16.90	17,10	11.50	12,60	8.50	9,00	6.00	7,20	4.80	
total distrib. loading in kg (lbs)	250,20	551.70	248,40	547.70	216,00	476.30	162,00	357.20	126,00	277.80	102,60	226.20	88,20	194.50	72,00	158.80	64,80	142.90	
deflection in mm (inch)	0,00	0.00	2,00	0.10	4,00	0.20	7,00	0.30	11,00	0.40	16,00	0.60	21,00	0.80	28,00	1.10	35,00	1.40	

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

TRIO M220																			
Span in m (ft)	1,00	3.28	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	
point load in kg (lbs)	359,00	791.60	176,40	389.00	115,20	254.00	82,80	182.60	63,00	138.90	49,50	109.10	38,70	85.30	30,60	67.50	23,80	52.50	
deflection in mm (inch)	0,00	0.00	1,00	0.00	3,00	0.10	6,00	0.20	9,00	0.40	12,00	0.50	17,00	0.70	21,00	0.80	29,00	1.10	
two point load in kg (lbs)	218,00	480.70	132,50	292.20	86,30	190.30	62,20	137.20	47,40	104.50	37,10	81.80	29,20	64.40	23,50	51.80	17,90	39.50	
deflection in mm (inch)	0,00	0.00	2,00	0.10	4,00	0.20	7,00	0.30	10,00	0.40	15,00	0.60	21,00	0.80	27,00	1.10	34,00	1.30	
distrib. loading in kg/m (lbs/ft)	495,00	332.70	176,70	118.80	76,60	51.50	41,50	27.90	25,30	17.00	16,50	11.10	11,20	7.50	7,70	5.20	5,30	3.60	
total distrib. loading in kg (lbs)	495,00	1091.50	353,50	779.50	229,80	506.70	166,00	366.00	126,50	278.90	98,80	217.90	78,10	172.20	61,20	134.90	47,80	105.40	
deflection in mm (inch)	0,00	0.00	2,00	0.10	4,00	0.20	7,00	0.30	11,00	0.40	16,00	0.60	21,00	0.80	28,00	1.10	35,00	1.40	

TRIO figures are based on use in apex down orientation

QUATRO M220																			
Span in m (ft)	1,00	3.28	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	
point load in kg (lbs)	571,30	1259.70	412,70	910.00	271,40	598.40	199,60	440.10	155,60	343.10	125,60	276.90	103,40	228.00	86,30	190.30	72,50	159.90	
deflection in mm (inch)	0,00	0.00	2,00	0.10	4,00	0.20	7,00	0.30	9,00	0.40	13,00	0.50	18,00	0.70	25,00	1.00	31,00	1.20	
two point load in kg (lbs)	285,70	630.00	245,00	540.20	203,50	448.70	149,70	330.10	116,80	257.50	94,20	207.70	77,50	170.90	64,80	142.90	54,40	120.00	
deflection in mm (inch)	0,00	0.00	2,00	0.10	5,00	0.20	8,00	0.30	12,00	0.50	15,00	0.60	24,00	0.90	31,00	1.20	39,00	1.50	
distrib. loading in kg/m (lbs/ft)	571,30	383.90	283,40	190.50	181,00	121.60	99,80	67.10	62,30	41.90	42,00	28.20	29,50	19.80	21,60	14.50	16,00	10.80	
total distrib. loading in kg (lbs)	571,30	1259.70	566,80	1249.80	542,70	1196.70	399,20	880.30	311,40	686.60	251,00	553.50	206,60	455.60	172,80	381.00	145,00	319.70	
deflection in mm (inch)	0,00	0.00	2,00	0.10	5,00	0.20	8,00	0.30	13,00	0.50	18,00	0.70	25,00	1.00	33,00	1.30	41,00	1.60	

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	3,50	11.48	4,00	13.12
Duo-kg (lbs)	0,63	1.39	1,17	2.57	1,69	3.71	2,20	4.85	2,72	5.98	3,24	7.12	3,756	8.26	4,29	9.44
Trio-kg (lbs)	1,11	2.44	2,07	4.55	2,98	6.55	3,89	8.56	4,80	10.56	5,71	12.57	6,623	14.57	7,58	16.68
Quatro-kg (lbs)	1,48	3.25	2,76	6.06	3,97	8.73	5,18	11.40	6,40	14.08	7,62	16.75	8,83	19.43	10,11	22.24

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)