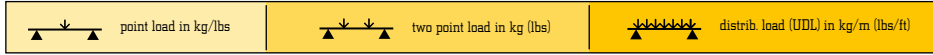


M390K



DUO M390K

UNITS Metric Imperial

DUO figures are based on use in vertical position and stabilised every 1 m

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	831	1832,04	549	1210,34	407	897,28	320	705,48	261	575,41	218	480,61	186	410,06	159	350,53
deflection in mm (inch)	9,0	0,35	20,0	0,78	36,0	1,40	56,0	2,18	81,0	3,16	111,0	4,33	146,0	5,69	186,0	7,25
two point load in kg (lbs)	612	1349,23	412	908,30	305	672,41	240	529,11	196	432,11	164	361,56	139	306,44	120	264,55
deflection in mm (inch)	11,0	0,43	26,0	1,01	45,0	1,76	71,0	2,77	102,0	3,98	139,0	5,42	181,0	7,06	229,0	8,93
distrib. load (UDL) in kg/m (lbs/ft)	306	205,60	183	122,96	102	68,53	64	43,00	44	29,56	31	20,83	23	15,45	18	12,09
total distrib. load (UDL) in kg (lbs)	1224	2698,45	1098,0	2420,67	816,0	1798,97	640,0	1410,96	528,0	1164,04	434,0	956,81	368,0	811,30	324,0	714,30
deflection in mm (inch)	8,0	0,31	25,0	0,98	44,0	1,72	69,0	2,69	100,0	3,90	136,0	5,30	177,0	6,90	225,0	8,78

TRIO M390K

TRIO figures are based on use in apex down orientation

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	1576,30	468	1031,76	342	753,98	264	582,02	210	462,97	171	376,99	140	308,65	114	251,33
deflection in mm (inch)	8,0	0,31	17,0	0,66	31,0	1,21	49,0	1,91	71,0	2,77	98,0	3,82	129,0	5,03	166,0	6,47
two point load in kg (lbs)	536	1181,68	351	773,82	256	564,38	198	436,51	158	348,33	128	282,19	105	231,49	86	189,60
deflection in mm (inch)	10,0	0,39	22,0	0,86	39,0	1,52	61,0	2,38	88,0	3,43	119,0	4,64	156,0	6,08	197,0	7,68
distrib. load (UDL) in kg/m (lbs/ft)	357	239,87	156	104,82	85	57,11	53	35,61	35	23,52	24	16,13	17	11,42	13	8,73
total distrib. load (UDL) in kg (lbs)	1428	3148,20	936,0	2063,52	680,0	1499,14	530,0	1168,45	420,0	925,94	336,0	740,75	272,0	599,66	234,0	515,88
deflection in mm (inch)	10,0	0,39	21,0	0,82	38,0	1,48	60,0	2,34	86,0	3,35	117,0	4,56	153,0	5,97	193,0	7,53

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	3661,87	1096	2416,26	809	1783,54	634	1397,73	516	1137,58	429	945,78	362	798,07	308	679,02
deflection in mm (inch)	9,0	0,35	20,0	0,78	36,0	1,40	56,0	2,18	81,0	3,16	112,0	4,37	147,0	5,73	187,0	7,29
two point load in kg (lbs)	1222	2694,05	822	1812,20	607	1338,20	476	1049,40	387	853,19	322	709,89	271	597,45	231	509,27
deflection in mm (inch)	11,0	0,43	26,0	1,01	45,0	1,76	71,0	2,77	102,0	3,98	139,0	5,42	181,0	7,06	229,0	8,93
distrib. load (UDL) in kg/m (lbs/ft)	611	410,53	365	245,24	202	135,72	127	85,33	86	57,78	61	40,99	45	30,24	34	22,84
total distrib. load (UDL) in kg (lbs)	2444	5388,09	2190,0	4828,12	1616,0	3562,67	1270,0	2799,87	1032,0	2275,17	854,0	1882,75	720,0	1587,33	612,0	1349,23
deflection in mm (inch)	8,0	0,31	25,0	0,98	44,0	1,72	69,0	2,69	100,0	3,90	136,0	5,30	178,0	6,94	225,0	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

M390L



DUO M390L

UNITS Metric Imperial

DUO figures are based on use in vertical position and stabilised every 1 m

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	2292,80	688	1516,78	510	1124,36	402	886,26	328	723,12	275	606,27	234	515,88	202	445,33
deflection in mm (inch)	8,0	0,31	18,0	0,70	32,0	1,25	50,0	1,95	72,0	2,81	99,0	3,86	130,0	5,07	166,0	6,47
two point load in kg (lbs)	611	1347,02	516	1137,58	382	842,16	301	663,59	246	542,34	206	454,15	176	388,01	151	332,90
deflection in mm (inch)	8,0	0,31	23,0	0,90	41,0	1,60	63,0	2,46	91,0	3,55	124,0	4,84	162,0	6,32	205,0	8,00
distrib. load (UDL) in kg/m (lbs/ft)	306	205,60	203	136,40	127	85,33	80	53,75	55	36,95	39	26,20	29	19,49	22	14,78
total distrib. load (UDL) in kg (lbs)	1224	2698,45	1218,0	2685,23	1016,0	2239,89	800,0	1763,70	660,0	1455,05	546,0	1203,72	464,0	1022,94	396,0	873,03
deflection in mm (inch)	6,0	0,23	20,0	0,78	40,0	1,56	62,0	2,42	89,0	3,47	121,0	4,72	158,0	6,16	200,0	7,80

TRIO M390L

TRIO figures are based on use in apex down orientation

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	1970,93	586	1291,91	429	945,78	333	734,14	266	586,43	217	478,40	179	394,63	147	324,08
deflection in mm (inch)	7,0	0,27	15,0	0,59	28,0	1,09	43,0	1,68	63,0	2,46	87,0	3,39	115,0	4,49	147,0	5,73
two point load in kg (lbs)	671	1479,30	440	970,03	322	709,89	249	548,95	200	440,92	163	359,35	134	295,42	110	242,51
deflection in mm (inch)	9,0	0,35	20,0	0,78	35,0	1,37	54,0	2,11	78,0	3,04	107,0	4,17	139,0	5,42	176,0	6,86
distrib. load (UDL) in kg/m (lbs/ft)	447	300,34	195	131,02	107	71,89	67	45,02	44	29,56	31	20,83	22	14,78	16	10,75
total distrib. load (UDL) in kg (lbs)	1788	3941,86	1170,0	2579,41	856,0	1887,15	670,0	1477,10	528,0	1164,04	434,0	956,81	356,0	784,84	288,0	634,93
deflection in mm (inch)	9,0	0,35	19,0	0,74	34,0	1,33	53,0	2,07	77,0	3,00	104,0	4,06	136,0	5,30	173,0	6,75

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	4581,20	1372	3024,74	1014	2235,48	797	1757,08	649	1430,80	541	1192,70	458	1009,72	391	862,01
deflection in mm (inch)	8,0	0,31	18,0	0,70	32,0	1,25	50,0	1,95	72,0	2,81	99,0	3,86	131,0	5,11	167,0	6,51
two point load in kg (lbs)	1219	2687,43	1029	2268,55	761	1677,72	597	1316,16	486	1071,45	405	892,87	343	756,18	293	645,95
deflection in mm (inch)	8,0	0,31	23,0	0,90	41,0	1,60	63,0	2,46	91,0	3,55	124,0	4,84	162,0	6,32	204,0	7,96
distrib. load (UDL) in kg/m (lbs/ft)	610	409,86	404	271,45	254	170,66	159	106,83	108	72,57	77	51,74	57	38,30	43	28,89
total distrib. load (UDL) in kg (lbs)	2440	5379,27	2424,0	5344,00	2032,0	4479,79	1590,0	3505,35	1296,0	2857,19	1078,0	2376,58	912,0	2010,61	774,0	1706,38
deflection in mm (inch)	6,0	0,23	20,0	0,78	40,0	1,56	62,0	2,42	89,0	3,47	121,0	4,72	158,0	6,16	200,0	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