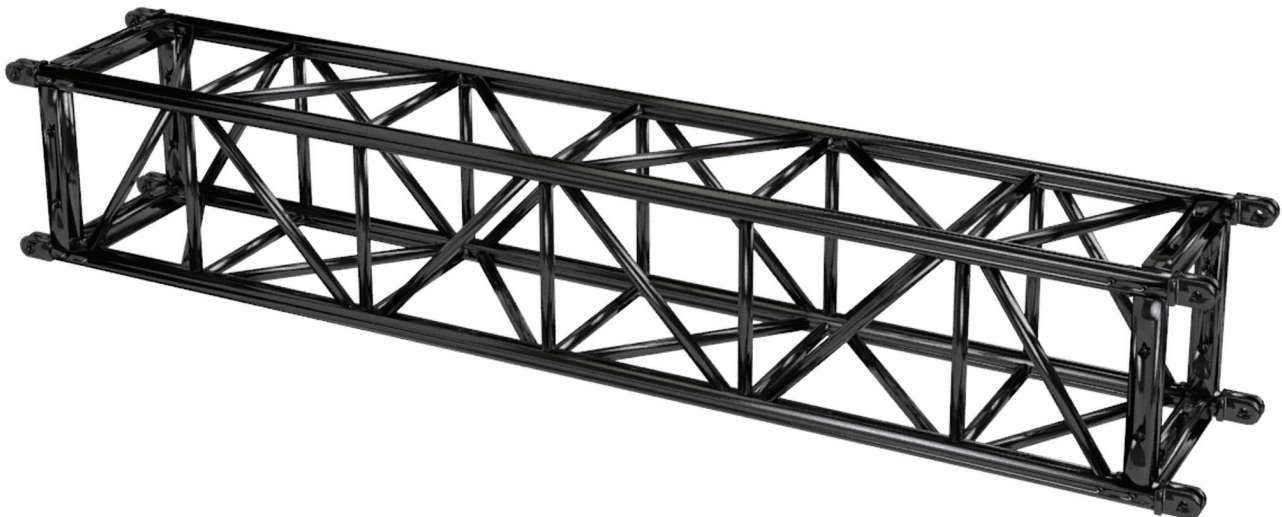


Towers that support your heaviest loads

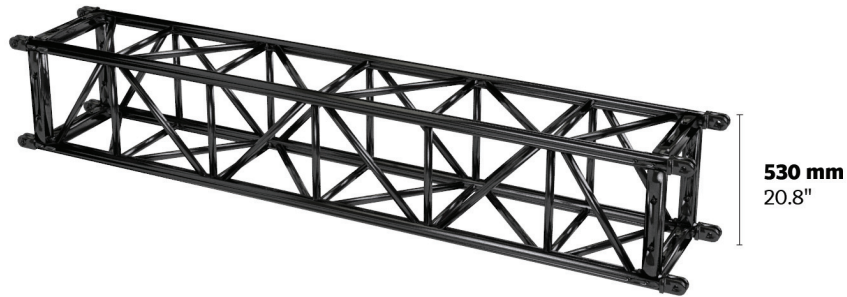
The 530 x 530 mm MILOS 53 Quatro ultra-strength steel tower section is made from special, high strength steel alloys. It handles loads many times heavier than those supported by similar sized aluminium truss at just double the weight. Each section has horizontal tubing every half metre for ease of climbing. It features double fork couplers, zinc coated pins and is painted black.



- Use of bespoke, high-strength steels
- Orientation-free connector arrangement for ease of use
- Greatly increases load capacity when used in place of aluminium truss in the market with similar dimensions
- Optimised weight to strength ratio
- Pinned connectors for increased strength
- Integrated forklift pick up points
- Matt black, impact-resistant industrial paint finish
- Optimised webbing pattern for ease of use when assembling cross trusses
- End braces with 16mm holes for lateral connection

S-QTPT

53 Tower Steel Truss



530 mm
20.8"

S-QTPT	Chords:		Diagonals:		End braces:		Intermediate cross braces:		Self weight:		Coupler:
	60.3 x 4 mm	2.4" x 0.16"	33.7 x 4 mm	1.3" x 0.16"	60 x 60 x 4 mm	2.4" x 2.4" x 0.16"	33.7 x 2.6 mm	1.3" x 0.1"	55 kg/m	37 lbs/ft	Fork

S-QTPT	LOADING CHART															
Span	m	ft	5	16.4	6	19.7	7	23.0	8	26.2	9	29.5	10	32.8	11	36.1
Point load	kg	lbs	11655	25699	11606	25591	10210	22513	8887	19596	7853	17316	7021	15481	6335	13969
Deflection	mm	inch	9	0.35	16	0.62	23	0.90	30	1.17	38	1.48	47	1.83	57	2.22
Two point load	kg	lbs	5825	12844	5803	12796	5778	12740	5753	12685	5729	12632	5265	11609	4751	10476
Deflection	mm	inch	8	0.31	14	0.55	22	0.86	33	1.29	46	1.79	59	2.30	71	2.77
Three point load	kg	lbs	3885	8566	3869	8531	3852	8494	3836	8458	3819	8421	3510	7740	3168	6985
Deflection	mm	inch	7	0.27	13	0.51	20	0.78	30	1.17	43	1.68	55	2.15	67	2.61
Four point load	kg	lbs	2914	6425	2901	6397	2889	6370	2877	6344	2864	6315	2852	6289	2640	5821
Deflection	mm	inch	7	0.27	12	0.47	19	0.74	29	1.13	41	1.60	57	2.22	70	2.73
Distributed load	kg/m	lbs/ft	2331	1566	1934	1300	1651	1109	1438	966	1273	855	1141	767	1033	694
Deflection	mm	inch	6	0.23	10	0.39	16	0.62	24	0.94	34	1.33	47	1.83	63	2.46
Span	m	ft	12	39.4	13	42.7	14	45.9	15	49.2	16	52.5	17	55.8	18	59.1
Point load	kg	lbs	5760	12701	5269	11618	4845	10683	4474	9865	4147	9144	3855	8500	3592	7920
Deflection	mm	inch	68	2.65	79	3.08	93	3.63	107	4.17	122	4.76	138	5.38	155	6.05
Two point load	kg	lbs	4320	9526	3952	8714	3634	8013	3356	7400	3110	6858	2891	6375	2694	5940
Deflection	mm	inch	85	3.32	100	3.90	116	4.52	133	5.19	152	5.93	171	6.67	192	7.49
Three point load	kg	lbs	2880	6350	2635	5810	2422	5341	2237	4933	2073	4571	1927	4249	1796	3960
Deflection	mm	inch	79	3.08	93	3.63	108	4.21	125	4.88	142	5.54	161	6.28	180	7.02
Four point load	kg	lbs	2400	5292	2195	4840	2019	4452	1864	4110	1728	3810	1606	3541	1497	3301
Deflection	mm	inch	84	3.28	99	3.86	114	4.45	131	5.11	150	5.85	169	6.59	190	7.41
Distributed load	kg/m	lbs/ft	942	633	811	545	692	465	597	401	518	348	453	304	399	268
Deflection	mm	inch	82	3.20	98	3.82	114	4.45	130	5.07	149	5.81	168	6.55	189	7.37
Span	m	ft	19	62.3	20	65.6	21	68.9	22	72.2	23	75.5	24	78.7	25	82.0
Point load	kg	lbs	3355	7398	3139	6921	2941	6485	2759	6084	2591	5713	2434	5367	2288	5045
Deflection	mm	inch	174	6.79	194	7.57	215	8.39	237	9.24	260	10.14	285	11.12	311	12.13
Two point load	kg	lbs	2516	5548	2354	5191	2206	4864	2069	4562	1943	4284	1826	4026	1716	3784
Deflection	mm	inch	214	8.35	238	9.28	263	10.26	289	11.27	316	12.32	344	13.42	374	14.59
Three point load	kg	lbs	1678	3700	1570	3462	1471	3244	1380	3043	1295	2855	1217	2683	1144	2523
Deflection	mm	inch	201	7.84	224	8.74	247	9.63	272	10.61	298	11.62	325	12.68	354	13.81
Four point load	kg	lbs	1398	3083	1308	2884	1226	2703	1150	2536	1079	2379	1014	2236	954	2104
Deflection	mm	inch	212	8.27	235	9.17	260	10.14	285	11.12	312	12.17	341	13.30	370	14.43
Distributed load	kg/m	lbs/ft	353	237	314	211	280	188	251	169	225	151	203	136	183	123
Deflection	mm	inch	210	8.19	233	9.09	258	10.06	283	11.04	310	12.09	338	13.18	368	14.35
Span	m	ft	26	85.3	27	88.6	28	91.9	29	95.1	31	101.7	33	108.3	35	114.8
Point load	kg	lbs	2152	4745	2024	4463	1903	4196	1788	3943	1577	3477	1386	3056	1210	2668
Deflection	mm	inch	339	13.22	368	14.35	398	15.52	430	16.77	498	19.42	573	22.35	655	25.55
Two point load	kg	lbs	1614	3559	1518	3347	1427	3147	1341	2957	1183	2609	1039	2291	908	2002
Deflection	mm	inch	405	15.80	438	17.08	472	18.41	507	19.77	581	22.66	661	25.78	746	29.09
Three point load	kg	lbs	1076	2373	1012	2231	951	2097	894	1971	789	1740	693	1528	605	1334
Deflection	mm	inch	384	14.98	415	16.19	448	17.47	482	18.80	554	21.61	632	24.65	716	27.92
Four point load	kg	lbs	897	1978	843	1859	793	1749	745	1643	657	1449	577	1272	504	1111
Deflection	mm	inch	401	15.64	433	16.89	467	18.21	502	19.58	576	22.46	655	25.55	740	28.86
Distributed load	kg/m	lbs/ft	166	112	150	101	136	91	123	83	102	69	84	56	69	46
Deflection	mm	inch	399	15.56	431	16.81	464	18.10	499	19.46	573	22.35	652	25.43	737	28.74



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