

The tables below are maximum loading figures for each system format and are based upon a Safety Factor of 3. The figures shown are based upon a continuous simply supported straight beam. Load bearing properties are reduced each time a connection is introduced. Contact us for advice on alternative span and loading configurations.

STRAIGHT LENGTH LOADING TABLES

Ladder (Vertical Mode*)

* Horizontal (flat) mode should not be used for any load bearing applications.

Length	0.2m	0.4m	0.6m	0.8m	1m	2m	3m	4m	5m	6m	7m	8m
Ref. Code	2 LD 200	2 LD 400	2 LD 600	2 LD 800	2 LD 1000	2 LD 2000	2 LD 3000	2 LD 4000	2 LD 5000	2 LD 6000	2 LD 7000	2 LD 8000
Wgt Kg	0.98	1.20	1.59	1.89	2.20	3.72	5.25	6.77	8.30	9.82	11.35	12.87
Max UDL Kg	-	-	-	-	505	493	473	414	338	288	252	222
Max Pnt Kg	-	-	-	-	444	374	277	212	180	148	123	111

Truss

Length	0.2m	0.4m	0.6m	0.8m	1m	2m	3m	4m	5m	6m	7m	8m
Ref. Code	2 TR 200	2 TR 400	2 TR 600	2 TR 800	2 TR 1000	2 TR 2000	2 TR 3000	2 TR 4000	2 TR 5000	2 TR 6000	2 TR 7000	2 TR 8000
Wgt Kg	1.51	2.03	2.56	3.09	3.61	6.24	8.86	11.45	14.11	16.74	19.36	21.99
Max UDL Kg	-	-	-	-	1245	1196	916	688	565	477	403	360
Max Pnt Kg	-	-	-	-	549	405	316	267	221	200	173	155

Quad

Important: The loading figures below are based upon a load being applied evenly to both lower tubes. Individual loading of a single tube can reduce overall load bearing characteristics.

Length	0.2m	0.4m	0.6m	0.8m	1m	2m	3m	4m	5m	6m	7m	8m
Ref. Code	2 QD 200	2 QD 400	2 QD 600	2 QD 800	2 QD 1000	2 QD 2000	2 QD 3000	2 QD 4000	2 QD 5000	2 QD 6000	2 QD 7000	2 QD 8000
Wgt Kg	2.01	2.71	3.41	4.11	4.81	8.31	11.81	15.31	18.81	22.31	25.81	29.31
Max UDL Kg	-	-	-	-	1442	1472	1451	1360	1193	1044	875	720
Max Pnt Kg	-	-	-	-	649	561	476	419	360	330	305	278

Non standard lengths can be produced. These are priced to the next full metre length.

N.B. Any special length less than 1m is priced as 1m. All lengths include spigots.

Wgt = WEIGHT UDL = UNIFORMLY DISTRIBUTED LOAD Pnt = POINT LOAD