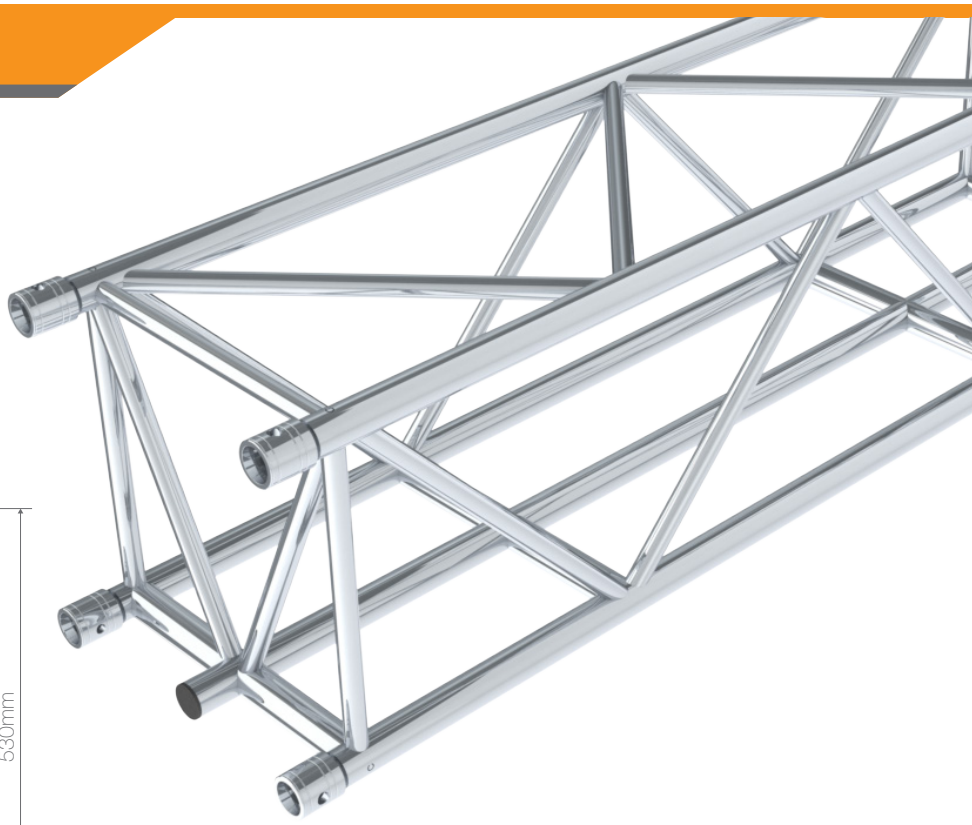
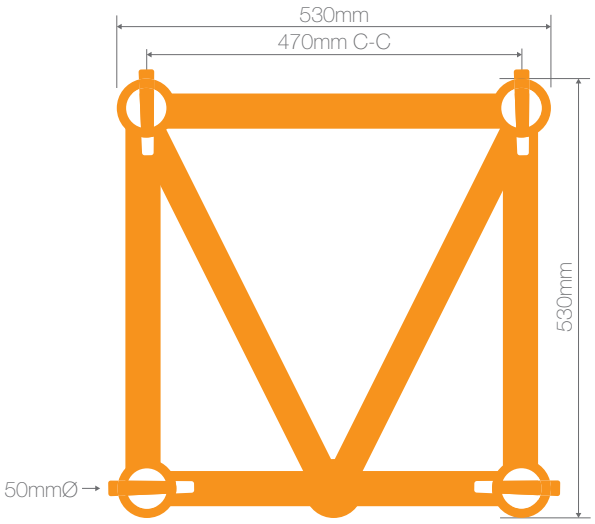
F55 5 Chord Truss





TECHNICAL SPECIFICATIONS

PRODUCT CODE	
Chord Material	EN AW 6082 T6
Bracing Material	EN AW 6082 T6
End Socket Material	EN AW 6082 T6
Conical Spigot Material	EN AW 2011
Steel Pin Material	8.8 Grade
Chord Dimension	50mmØ x 4mm
Bracing Dimension	30mmØ x 3mm
End Socket	60mmØ Overall Diameter
Connectors Included	4 x Conical Spigots, Pins & R-Clips

LINEAR

PRODUCT CODE	
GT F55L050	F55 0.5m 5-Chord Square Linear Truss with Spigots, Pins & R-Clips
GT F55L100	F55 1.0m 5-Chord Square Linear Truss with Spigots, Pins & R-Clips
GT F55L150	F55 1.5m 5-Chord Square Linear Truss with Spigots, Pins & R-Clips
GT F55L200	F55 2.0m 5-Chord Square Linear Truss with Spigots, Pins & R-Clips
GT F55L250	F55 2.5m 5-Chord Square Linear Truss with Spigots, Pins & R-Clips
GT F55L300	F55 3.0m 5-Chord Square Linear Truss with Spigots, Pins & R-Clips
GT F55L350	F55 3.5m 5-Chord Square Linear Truss with Spigots, Pins & R-Clips
GT F55L400	F55 4.0m 5-Chord Square Linear Truss with Spigots, Pins & R-Clips
GT F55L450	F55 4.5m 5-Chord Square Linear Truss with Spigots, Pins & R-Clips
GT F55L500	F55 5.0m 5-Chord Square Linear Truss with Spigots, Pins & R-Clips

Custom lengths can be manufactured to order.

LOAD TABLE (Bottom Centre Chord ≤ 1:100 Deflection)*

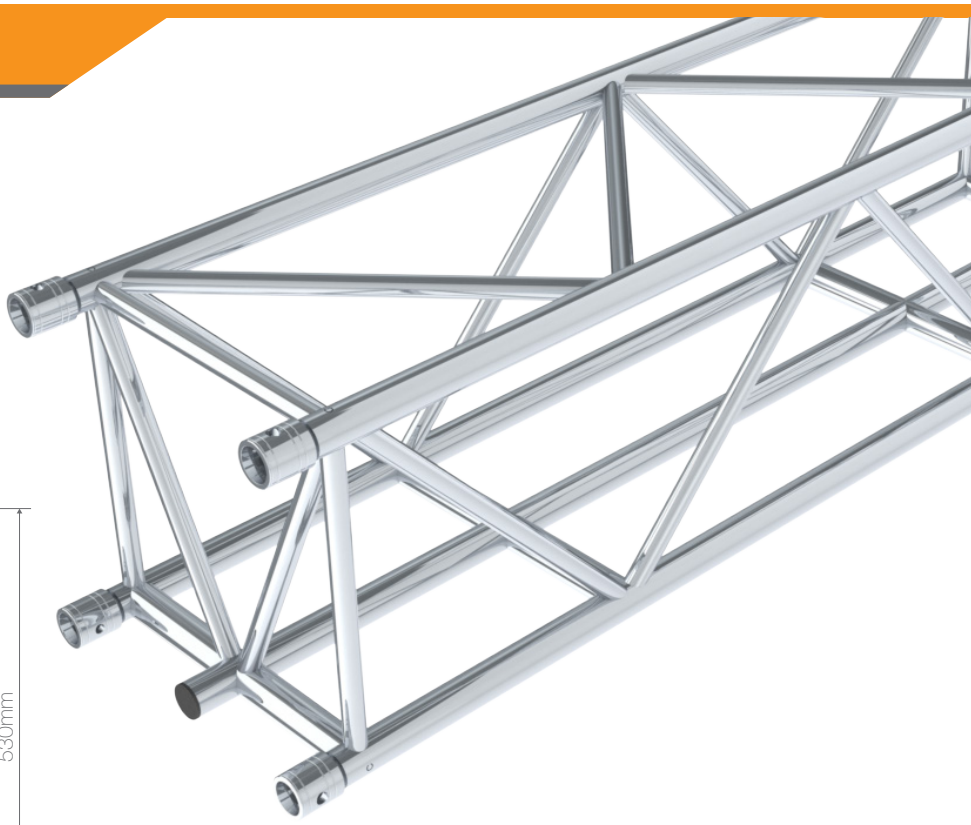
SPAN (m)	UDL (kg/m)	CPL (kg)	THIRD POINT	FOURTH POINT	FIFTH POINT
4.0	400	400	400	400	400
5.0	400	400	400	400	400
6.0	400	400	400	400	400
7.0	400	400	400	400	400
8.0	400	400	400	400	400
9.0	316	400	400	400	400
10.0	253	400	400	400	400
11.0	206	400	400	400	400
12.0	171	400	400	400	400
13.0	143	400	400	400	388
14.0	121	400	400	400	353
15.0	103	400	400	388	323
16.0	89	400	400	356	297
17.0	77	400	400	327	273
18.0	67	400	400	301	251
19.0	58	400	400	277	231
20.0	51	400	383	256	213
21.0	45	400	353	235	196
22.0	39	400	325	217	181
23.0	35	399	299	199	166
24.0	31	366	275	183	153

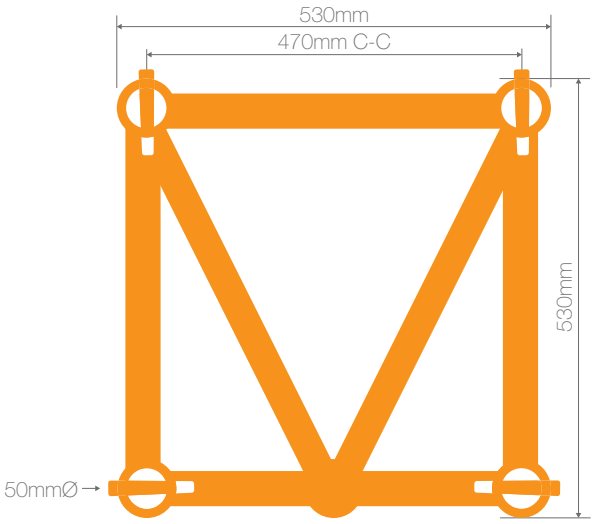
**Bottom Centre Chord Loading Only with Acceptable Deflection ≤ 1 : 100 (i.e. standard acceptable truss deflection for general use applications)*

Load tables indicate load capacities only and need to be considered in the context of complete engineering certification available at dq.com.au

Full engineering report available upon request.

F55 5 Chord Truss





LOAD TABLE (Bottom Centre Chord ≤ 1:300 Deflection)**

SPAN (m)	UDL (kg/m)	CPL (kg)	THIRD POINT	FOURTH POINT	FIFTH POINT
4.0	400	400	400	400	400
5.0	400	400	400	400	400
6.0	400	400	400	400	400
7.0	400	400	400	400	400
8.0	400	400	400	400	400
9.0	297	400	400	400	400
10.0	212	400	400	400	400
11.0	155	400	400	400	352
12.0	115	400	400	363	285
13.0	87	400	400	296	233
14.0	66	400	338	242	190
15.0	50	400	276	198	155
16.0	38	381	224	161	126
17.0	29	306	180	129	101
18.0	21	241	141	101	80
19.0	16	184	108	78	61
20.0	11	134	79	57	44

***Bottom Centre Chord Loading Only with Acceptable Deflection ≤ 1 : 300 (i.e. very low deflection if critical for suspension of LED screen applications)*

Load tables indicate load capacities only and need to be considered in the context of complete engineering certification available at dq.com.au

Full engineering report available upon request.

LOAD TABLE (Bottom Outer Chords ≤ 1:100 Deflection)***

SPAN (m)	UDL (kg/m)	CPL (kg)	THIRD POINT	FOURTH POINT	FIFTH POINT
4.0	983	2,323	1,388	1,020	814
5.0	828	2,047	1,257	941	761
6.0	674	1,823	1,144	870	712
7.0	533	1,638	1,046	806	667
8.0	404	1,483	961	749	626
9.0	316	1,352	886	698	587
10.0	253	1,238	820	633	527
11.0	206	1,135	761	567	473
12.0	171	1,025	708	512	427
13.0	143	930	661	465	388
14.0	121	848	618	424	353
15.0	103	776	578	388	323
16.0	89	712	534	356	297
17.0	77	654	491	327	273
18.0	67	602	452	301	251
19.0	58	555	416	277	231
20.0	51	511	383	256	213
21.0	45	471	353	235	196
22.0	39	434	325	217	181
23.0	35	399	299	199	166
24.0	31	366	275	183	153

****Bottom Outer Chords Loading with Acceptable Deflection ≤ 1 : 100 (i.e. standard acceptable truss deflection for general use applications)*

Load tables indicate load capacities only and need to be considered in the context of complete engineering certification available at dq.com.au

Full engineering report available upon request.