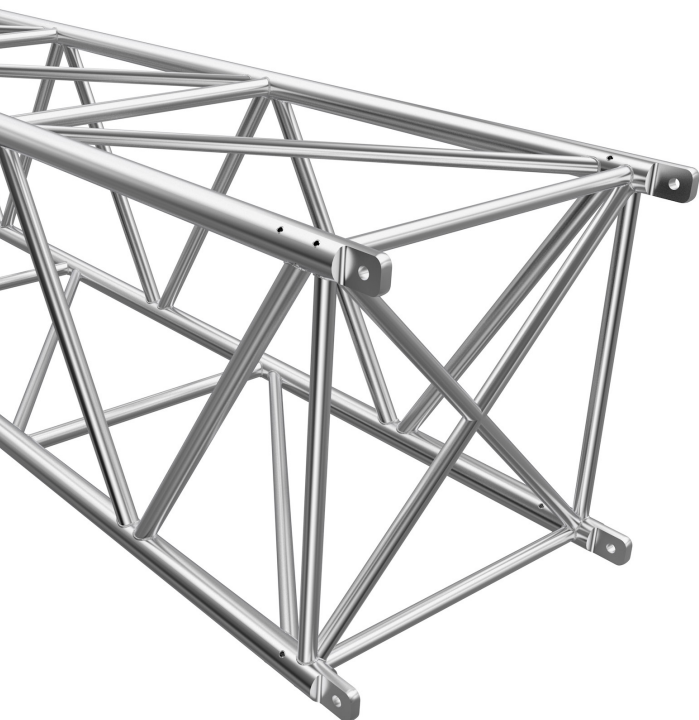


iL-TYPE SYSTEM

DATA SHEET



The iL-Type truss system from Global Truss is a 4-point heavy-duty system with an external dimension of 62 cm. This system is characterized by its very high load capacity and compact design. It is suitable for large ground support and outdoor applications with high loads. This truss system is designed for spans of up to 30 m.

The iL-Type truss is made of 48x4.5 mm chord tubes and 25x3 mm or 32x3 mm aluminum bracings. The trusses are connected using fork connectors, secured with L-TP truss pins and R3 clips (included in delivery). Like all Global Truss trusses, this one can also be powder coated in any color.

TECHNICAL DATA

Points:	4-Point
Edge dimension:	596 mm
Diameter main pipe:	48 mm
Wall thickness main pipe:	4,5 mm
Material	EN AW-6061 T6 / T6082
Diameter Brace:	25/32 mm
Wall thickness Brace:	3 mm

PRODUCED ACCORDING TO:

EN 1090-1:2009 + A1:2011

EN 1090-3



LOAD TABLE IM TYPE

Span	Uniform distribution load	Deflection uniform distribution load	Center point load	Deflection Point load	Point load in 1/3 Points	Deflection 1/3 Points	Point load in 1/4 Points	Deflection 1/4 Points	Point load in 1/5 Points	Deflection 1/5 Pointst
m	kg / m	cm	kg	cm	kg	cm	kg	cm	kg	cm
4,00	1634	0,39	3438	0,37	2097	0,39	1561	0,42	1260	0,44
5,00	1305	0,77	3004	0,62	1885	0,68	1426	0,73	1168	0,78
6,00	1033	1,33	2660	0,94	1705	1,06	1309	1,15	1085	1,23
7,00	803	1,95	2382	1,34	1552	1,52	1207	1,68	1011	1,73
8,00	636	2,56	2153	1,80	1422	2,07	1119	2,31	929	2,32
9,00	513	3,24	1960	2,34	1309	2,71	1041	3,02	843	3,00
10,00	415	4,00	1797	2,95	1211	3,44	971	3,78	771	3,77
11,00	341	4,84	1655	3,63	1125	4,26	910	4,61	709	4,62
12,00	285	5,77	1533	4,39	1049	5,17	841	5,49	655	5,57
13,00	241	6,77	1424	5,23	981	6,18	777	6,45	608	6,61
14,00	206	7,86	1328	6,14	920	7,28	720	7,49	566	7,75
15,00	178	9,03	1243	7,14	865	8,48	666	8,62	529	8,97
16,00	155	10,29	1165	8,21	815	9,77	618	9,82	496	10,29
17,00	135	11,63	1095	9,37	769	11,15	576	11,10	465	11,70
18,00	119	13,05	1031	10,61	727	12,64	538	12,47	438	13,15
19,00	106	14,56	973	11,94	688	14,23	503	13,92	413	14,66
20,00	94	16,15	919	13,34	652	15,91	472	15,45	390	16,27
21,00	84	17,83	869	14,77	619	17,70	443	17,07	368	17,96
22,00	76	19,60	823	16,29	588	19,59	417	18,77	347	19,73
23,00	68	21,45	780	17,89	559	21,59	393	20,56	327	21,60
24,00	62	23,39	739	19,58	531	23,69	370	22,44	308	23,55

The self-weight of the truss is taken into account in the load table.

Technical specifications are subject to change; errors and omissions excepted.