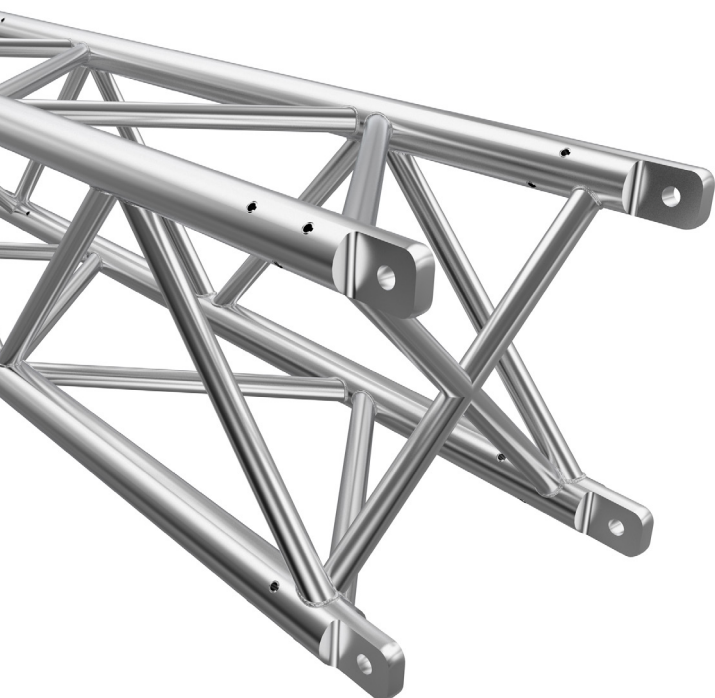


iM-TYPE SYSTEM

DATA SHEET



The iM-Type truss system from Global Truss is a 4-point heavy-duty system with an external dimension of 35 cm. This system is characterized by its very high load capacity and compact design. It is suitable for large ground support and outdoor applications. Thanks to its high buckling resistance, this truss is also suitable for vertical applications. This truss system is designed for a span of up to 30 m.

The iM-Type truss is made of 48x4.5 mm chord tubes and 25x3 mm diagonal bracings made of aluminum. 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:	299 mm
Diameter main pipe:	48 mm
Wall thickness main pipe:	4,5 mm
Material:	EN AW-6061 T6 / T6082
Diameter Brace:	25 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	954	0,83	2638	0,91	1878	1,11	1271	1,05	954	1,00
5,00	761	1,62	2140	1,46	1548	1,79	1107	1,78	898	1,84
6,00	632	2,79	1796	2,13	1307	2,63	924	2,59	753	2,69
7,00	462	3,81	1543	2,93	1129	3,63	791	3,55	647	3,69
8,00	352	4,99	1349	3,86	991	4,79	689	4,65	565	4,85
9,00	276	6,33	1196	4,93	881	6,12	609	5,92	501	6,18
10,00	222	7,82	1071	6,14	791	7,62	545	7,33	448	7,67
11,00	181	9,48	966	7,48	716	9,28	491	8,90	405	9,32
12,00	151	11,30	878	8,96	652	11,12	446	10,63	368	11,14
13,00	127	13,28	802	10,59	597	13,12	407	12,52	336	13,12
14,00	108	15,43	736	12,37	550	15,31	373	14,57	309	15,27
15,00	93	17,74	678	14,30	508	17,67	343	16,78	285	17,60
16,00	80	20,22	627	16,38	470	20,20	317	19,15	263	20,09
17,00	70	22,87	580	18,63	437	22,93	293	21,70	244	22,76
18,00	61	25,69	539	21,04	406	25,83	272	24,41	226	25,60
19,00	54	28,68	500	23,62	379	28,93	253	27,29	211	28,63
20,00	47	31,84	466	26,37	353	32,22	235	30,35	196	31,83
21,00	42	35,18	433	29,31	330	35,71	219	33,58	183	35,21
22,00	37	38,70	404	32,43	308	39,37	204	37,00	170	38,79
23,00	33	42,39	376	35,75	287	43,11	190	40,60	159	42,55
24,00	30	46,27	350	39,26	267	47,02	177	44,38	148	46,50

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

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