

DATA SHEET

F52



GLOBAL TRUSS F52 TRUSS SYSTEM

Global Truss represents the highest quality and reliability.

The Global Truss F52 is a 2-point truss system. This provides optimum volume and carrying capacity for its construction size and a tube diameter of only 50mm. This system is connected via a special conical connector system, which is joined together to a complete form fit by means of a copper hammer, creating optimal traction.

The Global Truss F52 finds application in trade fairs and shops, as well as in the event industry in general. It is also characterised by a minimum transport volume and the special lightweight design. The conical connectors are of course included in the scope of delivery - special designs and powder coatings can be carried out at short notice.

Global Truss has the largest truss storage worldwide and is permanently able to deliver all systems. Furthermore, Global Truss is the only truss manufacturer with its own coupler and hook range tested by "TÜV" and "DIN".

TECHNICAL DATA

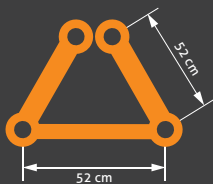
- Pipe diameter main pipe: 50mm
- Wall thickness: 5mm
- Material: AlMgSi F31 / T6082
- Pipe diameter brace: 25mm x 3mm
- Conical connectors included in scope of delivery

PRODUCED ACCORDING TO

EN 1090-1:2009 + A1:2011

EN 1090-3

INCLUSIVE



(* values only valid if the load burdens the junction:

Compression chord held every 1.0m!

The weight of the truss is considered in the load table.

LOAD TABLE

Span	Uniform distribution load	Deflection	Center point load		point load in third-point		point load in quarter-point		point load in 1/5 Punkten		Deflection
			kg	cm	kg	cm	kg	cm	kg	cm	
4,00	861,00	0,32	1403,00	0,21	1050,00	0,27	829,00	0,30	682,00	0,31	
5,00	695,00	0,64	1306,00	0,39	978,00	0,49	778,00	0,55	645,00	0,58	
6,00	603,00	1,16	1217,00	0,64	912,00	0,80	730,00	0,89	611,00	0,95	
7,00	501,00	1,79	1137,00	0,95	851,00	1,20	686,00	1,34	578,00	1,44	
8,00	413,00	2,53	1063,00	1,35	796,00	1,69	646,00	1,90	548,00	2,05	
9,00	342,00	3,38	997,00	1,82	746,00	2,28	609,00	2,58	520,00	2,79	
10,00	285,00	4,33	936,00	2,38	700,00	2,97	575,00	3,37	484,00	3,60	
11,00	235,00	5,28	880,00	3,02	659,00	3,77	544,00	4,29	449,00	4,49	
12,00	195,00	6,29	828,00	3,76	620,00	4,67	515,00	5,33	418,00	5,49	
13,00	164,00	7,39	781,00	4,58	585,00	5,67	480,00	6,40	389,00	6,59	
14,00	140,00	8,58	737,00	5,50	552,00	6,79	448,00	7,58	364,00	7,81	
15,00	120,00	9,87	696,00	6,52	522,00	8,03	419,00	8,86	341,00	9,13	
16,00	104,00	11,24	658,00	7,64	494,00	9,37	393,00	10,24	320,00	10,57	
17,00	90,00	12,71	622,00	8,87	467,00	10,84	368,00	11,74	300,00	12,11	
18,00	79,00	14,28	589,00	10,21	442,00	12,43	346,00	13,35	282,00	13,78	
19,00	7,000	15,93	558,00	11,66	419,00	14,14	325,00	15,07	266,00	15,55	
20,00	62,00	17,69	528,00	13,22	397,00	15,98	306,00	16,90	250,00	17,45	
21,00	55,00	19,54	500,00	14,91	377,00	17,94	287,00	18,78	236,00	19,46	
22,00	49,00	21,49	473,00	16,71	357,00	20,04	267,00	20,67	222,00	21,60	
23,00	43,00	23,54	448,00	18,65	339,00	22,27	249,00	22,67	207,00	23,69	
24,00	39,00	25,69	424,00	20,72	321,00	24,64	232,00	24,77	193,00	25,84	

Technical changes and errors reserved