

# DATA SHEET

# F52

## GLOBAL TRUSS F52 TRUSS SYSTEM

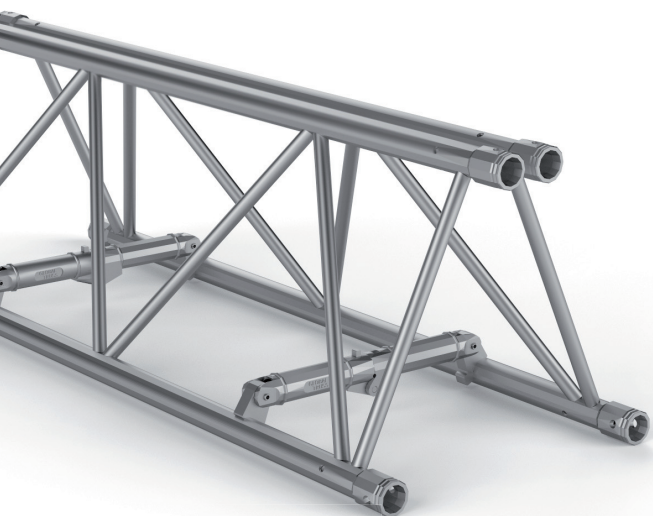
Global Truss represents the highest quality and reliability.

The Global Truss F52 is a 2-point folding 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: 4mm  
 Material: AlMgSi F31 / T6082  
 Pipe diameter brace: 25mm x3mm  
 Conical connectors included in scope of delivery



### INCLUSIVE



### LOAD TABLE

Span	Uniform distribution load	Center point load		point load in third-point		point load in quarter-point		point load in fifth-point		
		Deflection	Deflection	Deflection	Deflection	Deflection	Deflection			
m	kg / m	cm	kg	cm	kg	cm	kg	cm	kg	cm
10,00	294	4,0	772 (1471)	1,1 (3,2)	691 (1103)	3,0 (4,8)	571 (736)	2,8 (3,9)	516 (611)	3,1 (4,0)
12,00	201	6,0	721 (1208)	3,1 (5,6)	637 (906)	4,7 (6,6)	517 (605)	4,2 (5,0)	463 (501)	4,7 (5,1)
14,00	145	8,2	677 (1017)	4,8 (7,0)	591 (762)	7,0 (8,9)	472 (508)	6,2 (7,4)	420 (441)	6,6 (8,0)
16,00	109	10,5	637 (871)	6,8 (9,6)	552 (653)	9,2 (11,1)	435	8,2	361	8,5
18,00	84	13,0	602 (755)	8,5 (10,4)	517 (566)	13,1 (15,4)	378	10,3	313	10,3
20,00	66	15,5	571 (661)	11,5 (13,4)	486	17,5	330	12,5	274	12,9
22,00	53	18,2	543 (581)	14,4 (15,8)	436	23,5	291	15,1	241	15,0
24,00	43	21,0	514	17,5	385	26,6	257	17,0	213	17,1

(\* ) 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.

Technical changes and errors are reserved



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[www.GlobalTruss.de](http://www.GlobalTruss.de)