

F34P



COSMIC TRUSS F34P TRUSS SYSTEM

Cosmic Truss represents the highest quality and reliability.

The Cosmic Truss F34P is a 4-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 Cosmic Truss F34P 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.

Cosmic Truss has the largest truss storage worldwide and is permanently able to deliver all systems. Furthermore, Cosmic Truss is the only truss manufacturer with its

TECHNICAL DATA

- Pipe diameter main pipe: 50mm
- Wall thickness: 3mm
- Material: AlMgSi F31 / T6082
- Pipe diameter brace: 20mm x 2mm
- Conical connectors included in scope of delivery

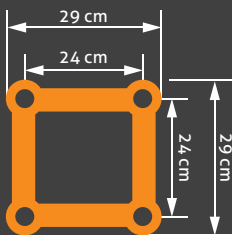
PRODUCED ACCORDING TO

EN 1090-1:2009 + A1:2011

EN 1090-3

INCLUSIVE

LOAD TABLE



The weight of the truss is considered in the 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
1,00	2272	0,01	1230	0,0	1136	0,0	757	0,0	568	0,0
2,00	1132	0,01	1079	0,0	998	0,2	755	0,2	566	0,1
3,00	752	0,4	962	0,3	867	0,4	725	0,4	564	0,4
4,00	562	1,0	867	0,6	767	1,0	622	0,9	522	1,0
5,00	448	2,0	790	1,1	687	1,7	545	1,5	475	1,7
6,00	323	3,0	725	1,8	622	2,6	484	2,3	402	2,4
7,00	235	4,1	670	2,7	569	3,8	411	3,1	341	3,2
8,00	178	5,2	622	3,6	524	5,2	356	4,0	295	4,2
9,00	139	6,5	581	4,8	469	7,4	313	5,0	260	5,2
10,00	111	7,9	545	6,2	416	8,1	278	6,1	230	6,3
11,00	90	9,4	497	7,6	373	9,7	249	7,3	206	7,5
12,00	75	11,1	448	8,9	336	12,6	224	8,5	186	8,8
13,00	62	12,7	406	10,2	304	15,1	203	9,8	168	10,1
14,00	53	14,6	369	11,6	277	16,5	185	11,2	153	11,5
15,00	45	16,3	337	13,0	253	18,6	168	12,5	140	13,0
16,00	39	18,3	308	14,4	231	20,6	154	13,9	128	14,4
17,00	33	19,7	282	15,9	212	22,7	141	15,2	117	15,8
18,00	29	21,8	259	17,3	194	25,9	129	16,5	107	17,1

Technical changes and errors reserved