

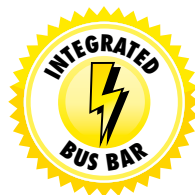
ED 43



Naxpro-Truss ED 43 with bus bar

Truss system in 3-point design, especially suitable for exhibition stand and store construction, event technology, as well as a load bearing system for lighting systems. Through the use of compact format and high-load bearing capacity this system is equally well used for simple exhibition stands and highly complex rigging structures.

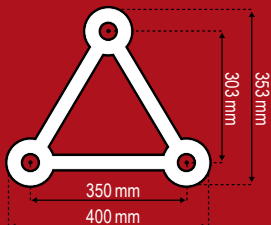
In the assembly of truss structures, bus bar trusses offer clear advantages: no additional cables must be installed, faster mounting and demounting and unattractive cable clutter is avoided. Because all installed devices can be flexibly positioned, bus bar trusses are especially suited for situations where spotlights must be reassigned regularly, e.g. in furniture stores, car dealerships and hardware stores.



Load chart

Span (m)	Aluminium profile with clamp		Aluminium profile with adapter for bus bar		Central single load	Deflection
	Distributed load	Deflection	Distributed load	Deflection		
m	kg/m	mm	kg/m	mm	kg	mm
1,0	1031,0*	0,1	30,0	0,0	580,0*	0,1
2,0	553,0*	0,8	30,0	0,1	465,0*	0,6
3,0	353,5	2,8	30,0	0,3	382,0*	1,6
4,0	196,6	4,9	30,0	0,9	319,0*	3,2
5,0	124,0	7,7	30,0	2,1	273,0*	5,5
6,0	84,6	11,1	30,0	4,4	233,0*	8,4
7,0	60,8	15,1	30,0	8,1	202,0*	11,8
8,0	45,4	19,8	30,0	13,8	178,0*	16,0
9,0	34,8	25,2	30,0	22,2	156,5	20,8
10,0	27,2	31,2	27,2	31,2	136,1	26,0
11,0	21,6	37,9	21,6	37,9	118,9	31,8
12,0	17,4	45,2	17,4	45,2	104,2	38,4
13,0	14,0	53,3	14,0	53,3	91,3	45,7
14,0	11,4	62,1	11,4	62,1	79,9	53,8
15,0	9,3	71,6	9,3	71,6	69,7	62,7
16,0	7,6	81,9	7,6	81,9	60,5	72,5

* limited by interaction with offset / decisive is the offset on the connector
High uniformly distributed loads are to be understood ideally distributed. The load application has to be made in the knot. The load values are calculated using 10,9 bolts.



Specifications

Width: 400 mm
Height: 353 mm
Tube: 50 x 2 mm
Braces: 25 x 3 mm

Alloy: EN-AW 6082 T6
Truss: EN-AW 6066 T66
Bus Bar:

Incl. connecting set

