



EUROTRUSS

HD54 ***RECTANGULAR TRUSS***

[PRODUCT LEAFLET]

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HD54 Rectangular Truss



Our latest addition to the Eurotruss family is the HD54 Rectangular Truss. This truss has been developed for applications that require more load than the regular 40'er box truss.

Due to its rectangular shape diagonal webbing on all four sides and a special 50 mm round brace on the bottom this truss is a perfect choice for rental companies, tours and installations. The 50mm brace allows for easy mounting of fixtures or other loads underneath.

For the HD54 a Corner Block is also available to create constructions with corners.

Made with the fast CS1 connection system.

Facts

- Loads can be placed on the bottom 50 mm tube
- Tolerance free conical connector system
- High stability aluminium alloy
- Excellent load bearing capacity
- High wear resistance
- 3 mm wall thickness of 50 mm main tube

Productcode Description

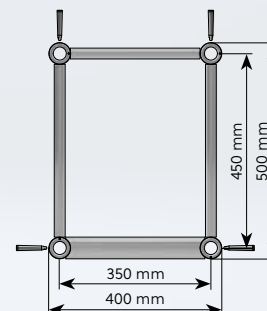
HD54-050	HD54 Rectangular Truss Length 50cm
HD54-075	HD54 Rectangular Truss Length 75cm
HD54-100	HD54 Rectangular Truss Length 100cm
HD54-150	HD54 Rectangular Truss Length 150cm
HD54-200	HD54 Rectangular Truss Length 200cm
HD54-250	HD54 Rectangular Truss Length 250cm
HD54-300	HD54 Rectangular Truss Length 300cm
HD54-400	HD54 Rectangular Truss Length 400cm

Custom lengths are available upon request

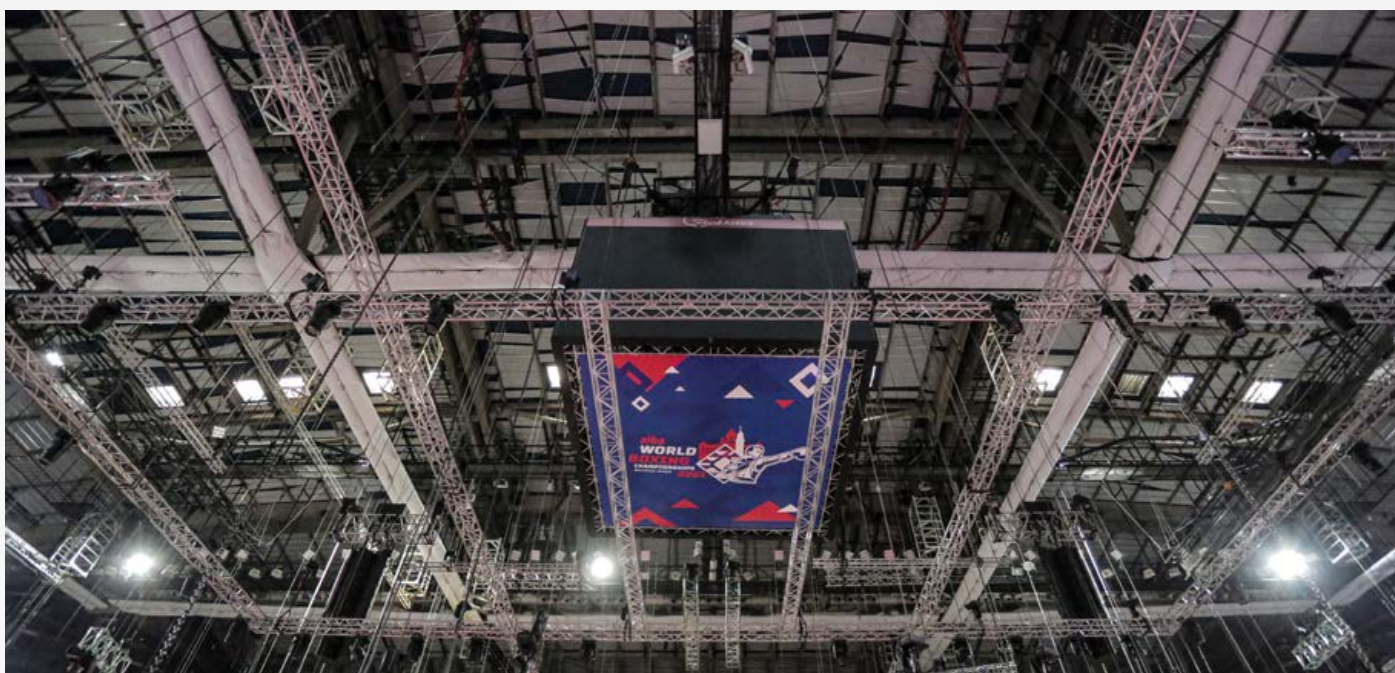
Specifications HD54

Height:	500 mm	Weight:	~10kg
Width:	400 mm	Pin Position:	Horizontal / Vertical
Main Tube:	50 x 3 mm	Material:	EN AW-6082 T6
Braces:	25 x 3 mm	Connection:	CS1

Diagram



HD54 Rectangular Truss Loading Charts



Stark Arena - Sky music - 2021

Span	UDL		CPL		1/3 Point load		1/4 Point load		1/5 Point load	
m	kg/m	mm	kg	mm	kg (2x)	mm	kg (3x)	mm	kg (4x)	mm
6	477	13	1920	14	1431	17	954	16	716	15
10	224	47	1119	38	839	48	560	45	466	48
14	109	93	765	76	573	95	382	89	319	93
16	81	121	650	100	487	124	325	116	271	122
18	62	153	558	127	419	156	279	147	233	154
20	48	189	483	158	362	193	242	182	201	191

Loading figures are based on Eurocode 9 standards and calculated according DIN EN 1991-1-1 (& /A2); to comply to ANSI, loading data needs to be multiplied by 0,85.



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