



EUROTRUSS

HD32 ***LADDER TRUSS***

[PRODUCT LEAFLET]

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HD32 Ladder Truss



HD32 Ladder Truss, a truss for vertical and horizontal rigs, this truss made out of two main tubes combined with the eurotruss bracing pattern is already a great start.

Together with the Tolerance free conical connector system the straight elements lend themselves perfectly to use a span exposed to bending stress.

Combined with HD34 Truss they possess a broad range of applications.

Made with the fast CS1 connection system.

Facts

- TÜV approved
- Also available in any non-standard length and shape
- Tolerance free conical connector system
- Increased loading compared to FD32 (up to 50%)
- Compatible with HD34

Productcode Description

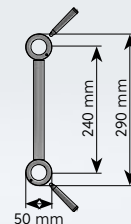
HD32-050	HD32 Ladder Truss Length 50cm
HD32-075	HD32 Ladder Truss Length 75cm
HD32-100	HD32 Ladder Truss Length 100cm
HD32-150	HD32 Ladder Truss Length 150cm
HD32-200	HD32 Ladder Truss Length 200cm
HD32-250	HD32 Ladder Truss Length 250cm
HD32-300	HD32 Ladder Truss Length 300cm
HD32-350	HD32 Ladder Truss Length 350cm
HD32-400	HD32 Ladder Truss Length 400cm

Custom lengths are available upon request

Specifications HD32

Height:	290 mm	Weight:	~3,8 kg/m
Width:	50 mm	Pin Position:	Diagonal
Main Tube:	50 x 2 mm	Material:	EN AW-6082 T6
Braces:	20 x 2 mm	Connection:	CS1 - CON

Diagram



HD32 Ladder Truss Loading Charts



Hummer exhibition stand

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
2	569	1	854*	1	569	2	379	2	285	2
3	378	4	1010*	6	426*	4	322*	5	261*	5
4	283	10	831*	12	481*	12	373*	13	277*	12
6	186	35	560	28	416*	35	279	33	233	35
8	103	62	414	50	310	63	207	59	172	62
10	65	97	325	78	244	99	162	92	135	97

These values are usable for a lateral supported main tube. To reach full load capacity the maximum distance without lateral stabilization is: 1200 mm.

* Limited by interaction of shear and moment at the connection, displacement connection is decisive!

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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