HD34 Square Truss

HD34 has proven to be the ultimate multipurpose truss for many of our users around the globe. The straight elements lend themselves perfectly for spans up to 18m or as standard tower elements.

HD34 is using the 3 mm wall thickness in the maintube which assures durability and extra strength.

A wide variety of corners and accessories is available for this type of truss, such as Fixed Corners, Corner Blocks and Book Corners.

Designed for high frequency usage or installations, which demand higher loading. The perfect trussing system for rental, touring and exhibition companies.

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 FD34 (up to 50%)
- HD34 is also available as a Tower Truss

| Productcode	Description
HD34-025A	HD34 Box Truss Length 25cm
HD34-029	HD34 Box Truss Length 29cm
HD34-050	HD34 Box Truss Length 50cm
HD34-075	HD34 Box Truss Length 75cm
HD34-100	HD34 Box Truss Length 100cm
HD34-150	HD34 Box Truss Length 150cm
HD34-200	HD34 Box Truss Length 200cm
HD34-250	HD34 Box Truss Length 250cm
HD34-300	HD34 Box Truss Length 300cm
HD34-350	HD34 Box Truss Length 350cm
HD34-400	HD34 Box Truss Length 400cm

Custom lengths are available upon request

Specifications HD34

Height:	290 mm	Weight:	~7,5 kg/m
Width:	290 mm	Pin Position:	Diagonal
Main Tube:	50 x 3 mm	Material:	EN AW-6082 T6
Braces:	20 x 2 mm	Connection:	CS1 - CON

Diagram

EUROTRUSS
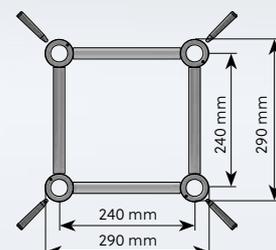
HD34 Square Truss Loading Charts
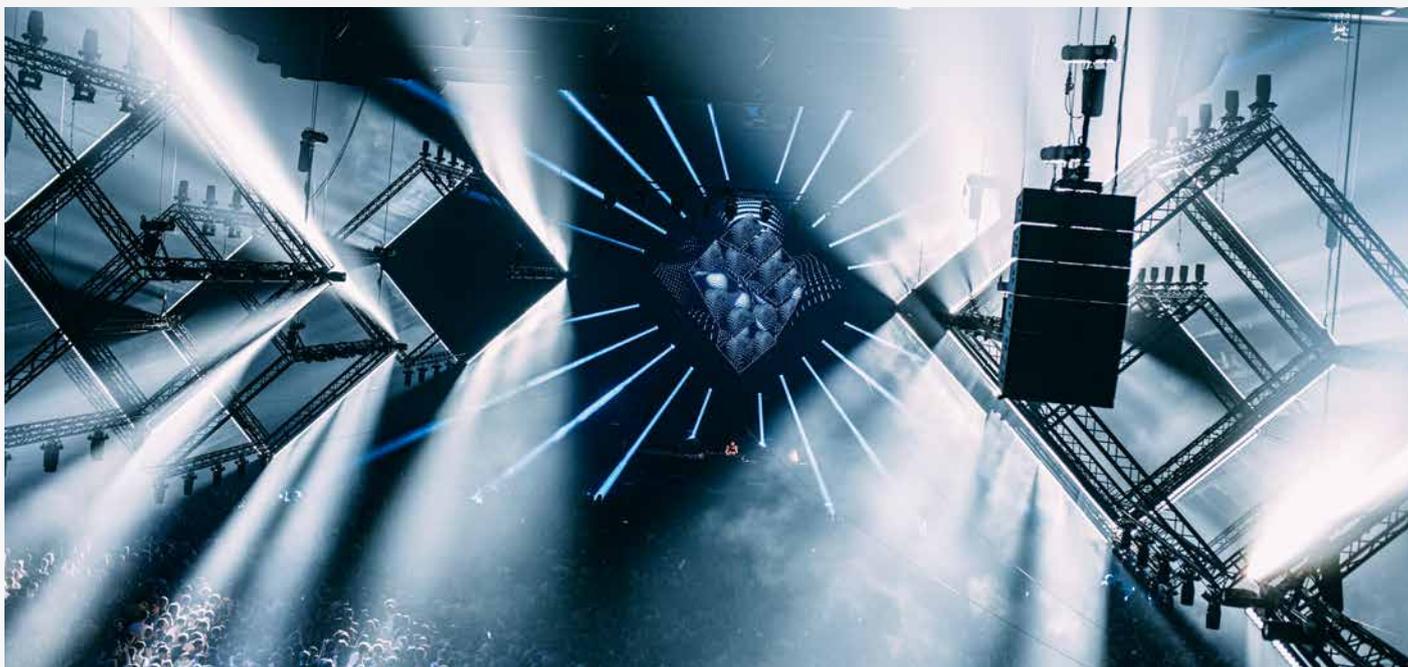
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Span	UDL		CPL		1/3 Point load		1/4 Point load		1/5 Point load	
m	kg/m	mm	kg	mm	kg (2x)	mm	kg (3x)	mm	kg (4x)	mm
6	373	35	1120	28	840	35	560	33	467	35
9	162	78	730	63	547	80	365	74	304	79
12	88	139	530	114	397	142	265	133	221	140
14	63	190	441	156	331	194	221	182	184	192
16	47	249	373	206	280	254	187	239	156	251
18	36	317	319	265	239	323	160	304	133	319

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.