

XD Rectangular Truss



XD straight elements lend themselves to use as longer spans exposed to bending stress resistant spans for vertical loads at a free span of up to 20m at high load.

Predestined for indoor use, the XD Truss is characterized in particular by its slender shape and low packing volume.

Made with the fast CS3 connection system .

*Note: The XD Truss System is standard equipped with horizontal pin positions but is also available with diagonal pin positions.
(add Code H for horizontal pin, f.e. XD-300H)*

Facts

- Tolerance free connection with conical connector
- High stability aluminium alloy
- Excellent load-bearing capacity combined with low dead weight
- 3 mm wall thickness of 50 mm main tube
- High load capacity at free spans up to 20 meter
- TÜV approved
- High wear resistance

Productcode Description

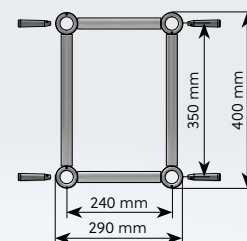
XD-050	XD Rectangle Truss Length 50cm
XD-100	XD Rectangle Truss Length 100cm
XD-150	XD Rectangle Truss Length 150cm
XD-200	XD Rectangle Truss Length 200cm
XD-250	XD Rectangle Truss Length 250cm
XD-300	XD Rectangle Truss Length 300cm
XD-350	XD Rectangle Truss Length 350cm
XD-400	XD Rectangle Truss Length 400cm

Custom lengths are available upon request

Specifications XD

Height:	400 mm	Weight:	~9 kg/m
Width:	290 mm	Pin Position:	Horizontal or Diagonal
Main Tube:	50 x 3 mm	Material:	EN AW-6082 T6
Braces:	25 x 3 mm	Connection:	CS2-CON

Diagram



Standard is the horizontal pin position, XD truss is also available with a diagonal pin position.

XD Rectangular Truss Loading Charts



Snoop Dogg - Sagafilm/Luxor Iceland - 2015

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
4	983	9	2157	7	1767	10	1240	10	983	10
8	304	43	1216	34	885	42	608	41	507	43
12	131	96	785	78	589	98	392	92	327	97
16	70	172	561	142	421	176	281	165	234	173
18	54	219	484	181	363	223	242	209	202	220
20	42	271	421	226	316	276	211	260	175	273

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.