

XD Rectangular Truss

Rectangular truss for large loads

High load capacity at free spans up to 20m:

XD RECTANGULAR TRUSS

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

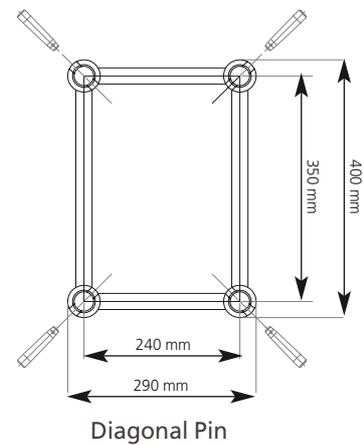
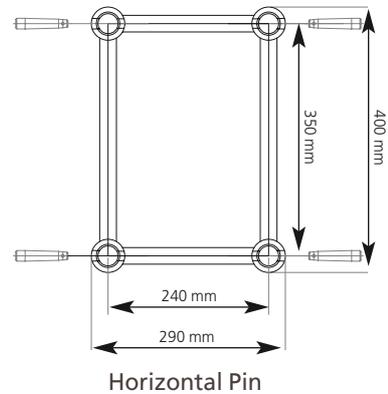
Predestined for indoor use, the XD Truss is characterized in particular by its slender shape and low packing volume.

Made with the fast connection system and approved according the DIN 4113 specifications by the TUV.

Note:

The XD Truss System is standard equipped with diagonal pin positions but also available is a horizontal pin position (for example XD-300H).

Dimensions XD



XD-TRUSS

FACTS

- Tolerance free conical connector
- High stability aluminium alloy
- Excellent load bearing capacity
- Low dead weight
- High wear resistance
- 3mm Wall thickness of 50mm main tube
- Optimum dimensioning of components
- TuV approved



Measurements XD

Main tube:	50x 3mm
Braces:	25x 3mm
Material:	EN AW-6082 T6
Connection:	CS2-CON
Weight:	~9 kg/m

Loadcases XD Truss

Length (m)	6	8	10	12	14	16	18	20
CPL in kg	1807	1339	1055	862	722	615	529	459
Deflection (mm)	21	38	59	86	117	154	197	245
UDL in kg/mtr	602	335	211	144	103	77	59	46
Deflection (mm)	26	47	73	106	144	188	238	244

TT
XT
FT100
ST
FT50
XD

XD Rectangular Truss

XD Corners allows shapes in two dimensions

XD-SYSTEM

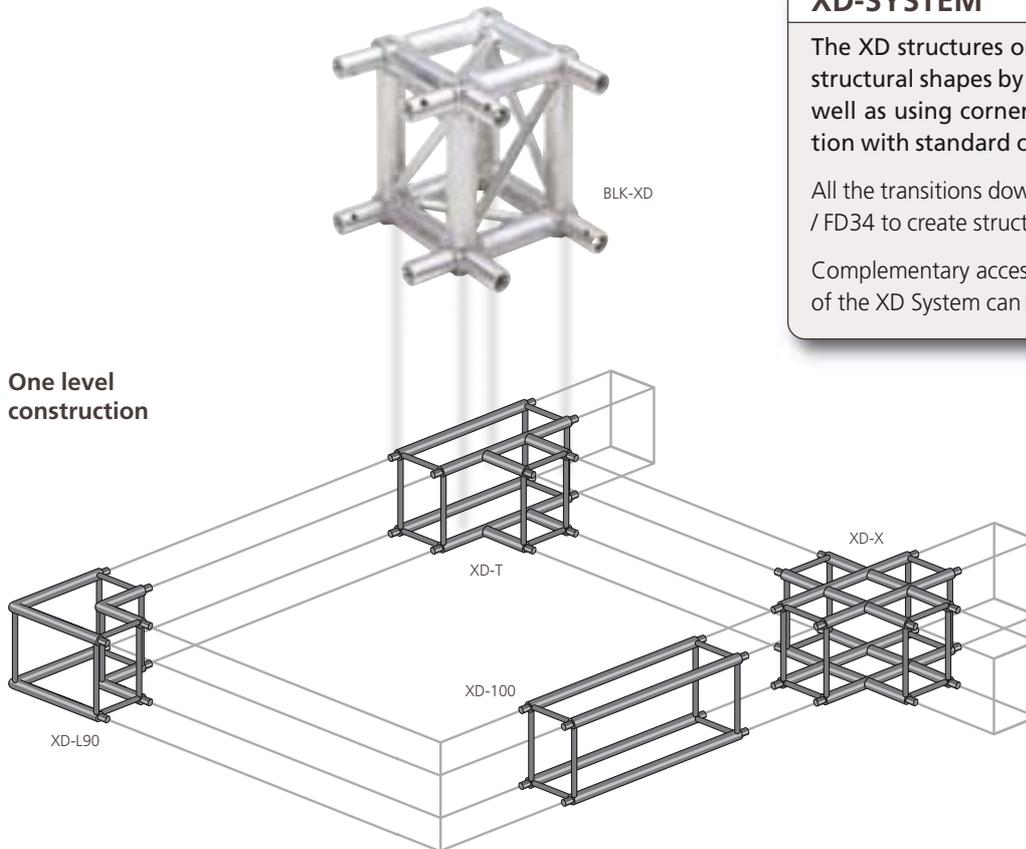
CORNER

The XD structures on one level allow various structural shapes by using corners and tees as well as using corner blocks (not in combination with standard corners).

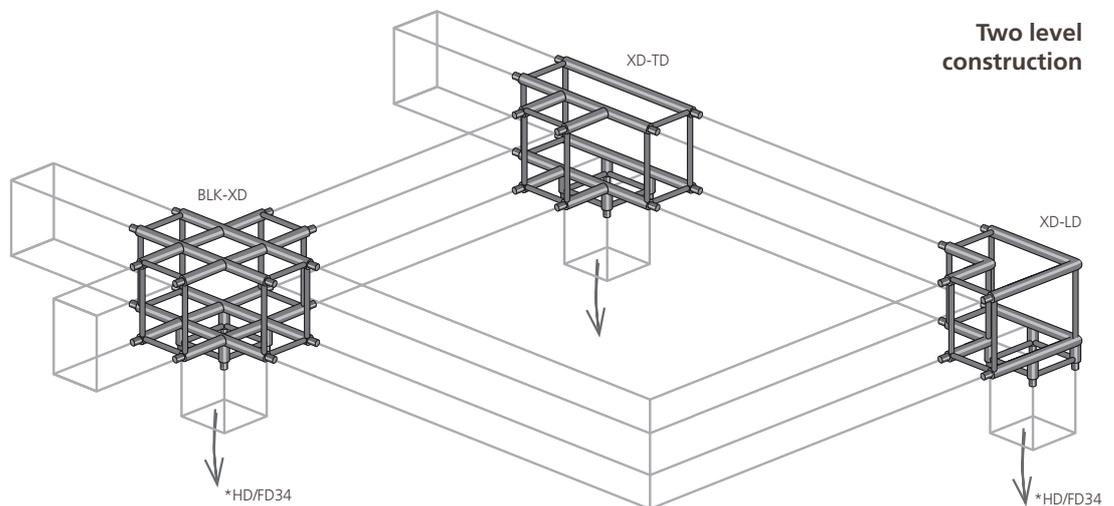
All the transitions down are predestined on HD34 / FD34 to create structures on two levels.

Complementary accessories and the article codes of the XD System can be found at the page 161.

One level construction



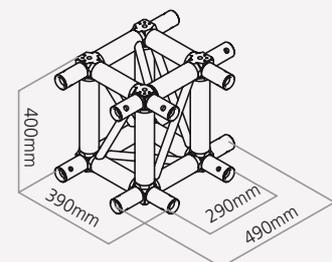
Two level construction



Measurement Corners for XD-System**

Cornercode	Size in cm
XD-L90**	50 x 50
XD-T**	71 x 50
XD-T1**	71 x 42
XD-X**	71 x 71
XD-LD**	50 x 50 x 50

Cornercode	Size in cm
XD-TD**	71 x 50 x 50
XD-XD**	71 x 71 x 50
BLK-XD*	90° in 4 dir. + 2 dir. HD/FD34
CS2-BOB95	95mm***



* D = down attachment HD/FD34
** H = horizontal pin / D=diagonal pin

***4 pcs. required for one attachment