



XTS Rectangular Truss

The XTS Truss lends itself perfectly for bending resistant spans up to a free span of 36m (118 feet). With extreme load bearing capacity the XTS has the identical features of the TT truss but the overall size is scaled down.

Due to its special shape and dimensions the new XTS Truss exhibits a great rigidity and can be used for long spans with high loadings. The 60x5mm tube reduces transportation damage and guarantees extreme durability. XTS gives you a much higher load ability than all the available trussing in this size & segment.

The XTS Truss is despite its dimensions and self weight a very easy truss system to handle. The XTS Truss can be equipped optional with the heavy duty castors.

Made with the fast connection system and approved according the DIN EN 1999-1-1 & 1999-1-1/A2 (Eurocode 9).

Facts

- Tolerance free conical connector system
- High stability aluminium alloy
- Excellent load bearing capacity
- Low dead weight
- High wear resistance
- 5 mm wall thickness of 60 mm main tube
- TÜV pending

Specifications XTS Rectangular

	Metric	Imperial
Height:	810 mm	31.89 in
Width:	580 mm	22.83 in
Main Tube:	60 x 5 mm	2.36 x 0.20 in
Braces:	50 x 3 mm	1.97 x 0.12 in
Braces:	30 x 3 mm	1.18 x 0.12 in
Weight:	~23 kg/m	~15,5 lbs/ft
Pin Position:	Horizontal and vertical	
Material:	EN AW-6082 T6	
Connection:	CS3 - CON	



XTS Loading charts

Metric loading charts

Span*	UDL		CPL		1/3 Point Load		1/4 Point Load		1/5 Point Load	
	kg/m	mm**	kg	mm	kg (2x)	mm	kg (3x)	mm	kg (4x)	mm
10	813	31	4063	25	3047	32	2031	30	1693	32
16	304	81	2434	66	1825	82	1217	77	1014	81
22	151	153	1658	127	1243	156	829	147	691	154
26	108	215	1323	181	992	219	661	207	551	217
32	60	329	957	282	718	335	479	318	399	331
36	43	420	769	366	577	426	384	407	320	422

* in meters / ** mm is the deflection of the truss at the given load

Imperial loading charts

Span*	UDL		CPL		1/3 Point Load		1/4 Point Load		1/5 Point Load	
	lbs/ft	in**	lbs/ft	in	lbs/ft (2x)	in	lbs/ft (3x)	in	lbs/ft (4x)	in
32,81	546,3	1.22	8938,6	0.98	6703,4	70.4	4468,2	1.18	3724,6	1.26
52,50	204,3	3.19	5354,8	2.60	4015,0	180.4	2677,4	3.03	2230,8	3.19
72,18	101,5	6.02	3647,6	5.00	2734,6	343.2	1823,8	5.79	1520,2	6.06
85,31	72,6	8.46	2910,6	7.13	2182,4	481.8	1454,2	8.15	1212,2	8.54
104,99	40,3	12.95	2105,4	11.10	1579,6	737.0	1053,8	12.52	877,8	13.03
118,12	28,9	16.54	1691,8	14.41	1269,4	937.2	844,8	16.02	704,0	16.61

* in feet / ** in is the deflection of the truss at the given load

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