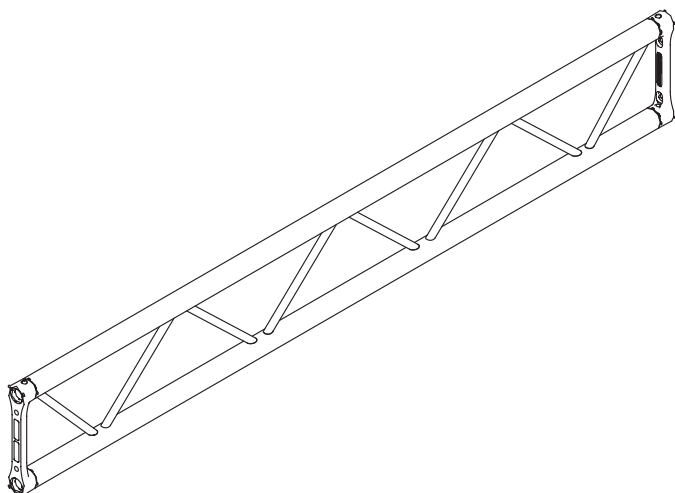


Description	Specification
External dimensions (height x width)	291 mm x 50 mm
Distance between axis	239 mm
Lenghtways tubes	Extruded aluminium EN AW 6082 T6 - Ø50x2mm
Crossways tubes	Extruded aluminium EN AW 6082 T6 - Ø18x2mm
Connecting plate	Cast aluminium EN AC 42200 T6
Welding process	TIG -141 / ISO 4063
Available lenght (cm)	10.5 - 21 - 25 - 50 - 100 - 150 - 200 - 250 - 300 - 350 - 400
Connection systems	FXFC - FXSM10

Section Area [mm²]	Moment of inertia Y - axis [mm⁴]	Moment of inertia Z - axis [mm⁴]	Selfweight (approx.) [N/m]		
604	7.469.500	174.019	30		

Centre Point Load (C.P.L.)				Third Point Load (T.P.L.)			Quarter Point Load (Q.P.L.)			Fifth Point Load (F.P.L.)			Uniformly Distributed Load (U.D.L.)		
Span [m]	Point Load [kg]	Full Load [kg]	Central Deflection [mm]	Point Load [kg]	Full Load [kg]	Central Deflection [mm]	Point Load [kg]	Full Load [kg]	Central Deflection [mm]	Point Load [kg]	Full Load [kg]	Central Deflection [mm]	Load [kg/m]	Full Load [kg]	Central Deflection [mm]
1	1120	1120	0,38	585	1169	0,34	390	1169	0,31	292	1169	0,30	1170	1169	0,25
2	423	423	1,16	274	549	1,28	195	586	1,26	152	610	1,26	366	732	1,25
3	123	123	1,16	79	158	1,27	56	169	1,27	44	176	1,26	70	211	1,25
4	48	48	1,18	31	62	1,27	22	67	1,27	17	69	1,26	21	83	1,25
5	21	21	1,22	13	26	1,27	10	29	1,28	7	29	1,25	7	35	1,25
6	9	9	1,28	5	10	1,26	4	11	1,30	3	11	1,25	2	13	1,25

Load table has been prepared in accordance with UNI ENV 1999-1-1 (Eurocode 9).

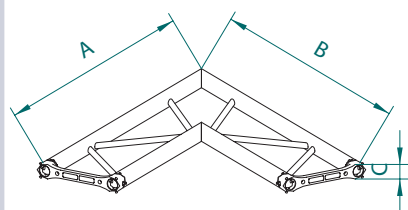
When calculating the allowable loads shown in the table, it is assumed that the trusses are simply supported at the end connection and that static loads will be applied to the node points.

The application of the load shall be on the centre line of the truss.

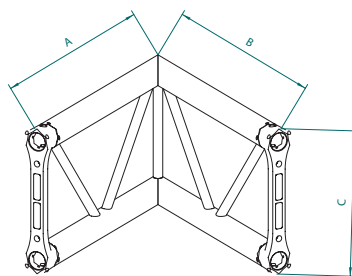
The values shown in the table are the allowable statics loads that can be applied to the truss. This is the live load or the payload.

The self weight of the truss has been taken into account when calculating the values in the table.

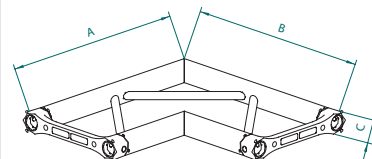
It should be noted that this is idealised loading condition and the User shall re-analyze the truss for the loading condition which prevail for the application begin considered.



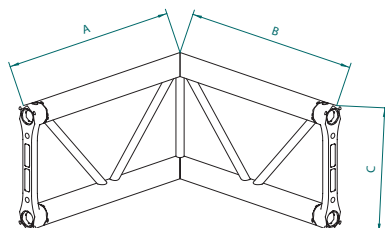
FX30SL2060P



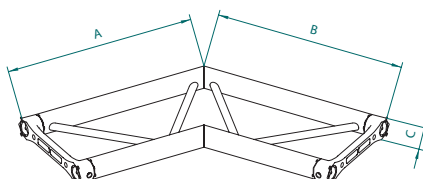
FX30SL2060V



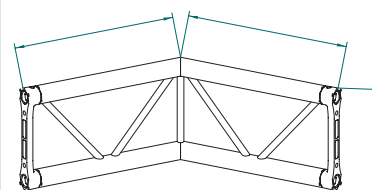
FX30SL2090P



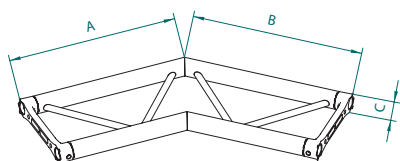
FX30SL2090V



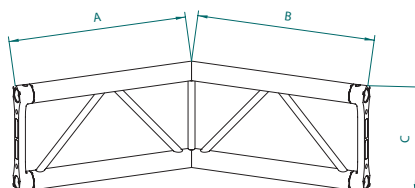
FX30SL2120P



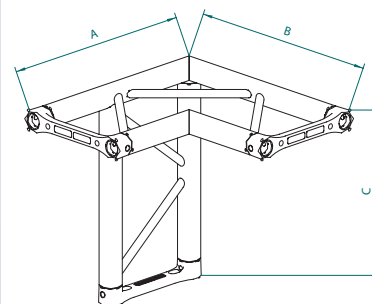
FX30SL2120V



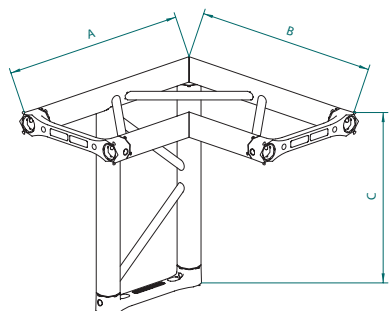
FX30SL2135



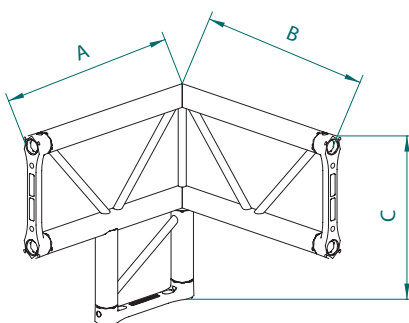
FX30SL2135V



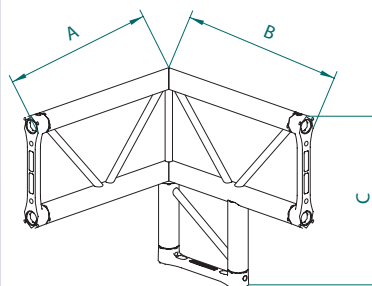
FX30SL3LP



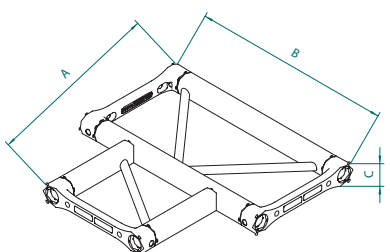
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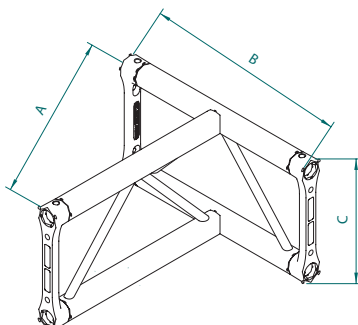
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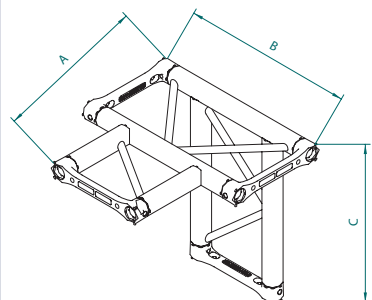
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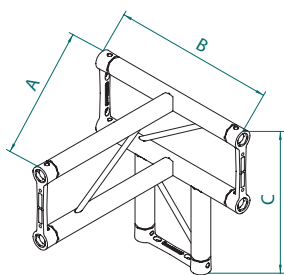
FX30ST3NP



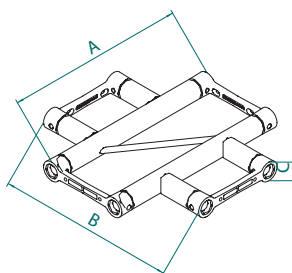
FX30ST3NV



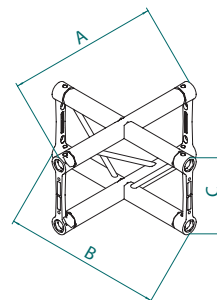
FX30ST4NP



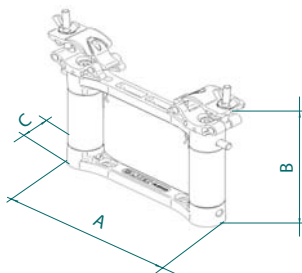
FX30ST4NV



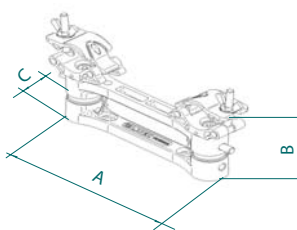
FX30X4NP



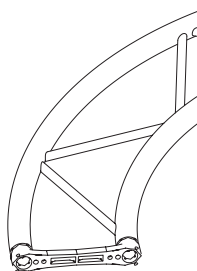
FX30SX4NV



FX30SACL



FX30SACS



FX30SFP



FX30SFV

CORNERS

Code	Dimension A x B x C (cm)	Weight(Kg)
FX30K2	29x5x5	1.30
FX30K4	29x29x5	3.30
FX30SL2060P	50x50x5	3.80
FX30SL2060V	50x50x29	3.00
FX30SL2090P	50x50x5	2.50
FX30SL2090V	50x50x29	2.80
FX30SL2120P	50x50x5	2.60
FX30SL2120V	50x50x29	2.90
FX30SL2135P	50x50x5	2.70
FX30SL2135V	50x50x29	2.90
FX30SL3LP	50x50x50	3.80
FX30SL3LV	50x50x50	3.80
FX30SL3RP	50x50x50	3.80
FX30SL3RV	50x50x50	3.70
FX30ST3NP	50x50x5	2.90
FX30ST3NV	50x50x29	4.20
FX30ST4NP	50x50x50	3.00
FX30ST4NV	50x50x50	4.20
FX30SX4NP	50x50x5	3.40
FX30SX4NV	50x50x29	3.90
FX30SACL	29x21x5	2.40
FX30SACS	29x10.5x5	2.10

TRUSS

Code	Dim. (cm)	Weight (Kg)
FX30S010M5	29x5x10.5	1.30
FX30S021	29x5x21	1.50
FX30S025	29x5x25	1.60
FX30S050	29x5x50	1.80
FX30S100	29x5x100	2.70
FX30S150	29x5x150	3.70
FX30S200	29x5x200	4.70
FX30S250	29x5x250	5.80
FX30S300	29x5x300	6.70
FX30S350	29x5x350	7.70
FX30S400	29x5x400	8.70

RINGS

Curves, rings and ellipses are available on demand

Minimum diameter 2 m

Diameter measurement external

Weight per meter (aprox.) 3Kg