



Description	Specification
External dimensions (height x width)	252 mm x 225 mm
Distance between axis	200 mm
Lengthways tubes	Extruded aluminium EN-AW 6082 T6 - Ø50x2mm
Crossways tubes	Extruded aluminium EN-AW 6060 T6 - Ø20x2mm
Connecting plate	Cast aluminium EN AC 47000
Welding process	TIG (UNI8634 / DIN4113)
Available length [cm]	12,5 – 25 – 50 – 100 – 150 – 200 – 250 – 300 – 350 – 400

Section Area [mm ²]	Moment of Inertia Y – axis [mm ⁴]	Moment of Inertia Z – axis [mm ⁴]	Allowable bending moment Y – axis [kNm]	Allowable bending moment Z – axis [kNm]	Selfweight (approx.) [N/m]
686	4.320.037	4.320.037	1,72	1,52	29,4

TX25 uniformly distributed load												TX25 centre point load											
Deflection [mm]												Deflection [mm]											
Truss length [m]	3	4	5	6	7	8	9	10	11	12		Truss length [m]	3	4	5	6	7	8	9	10	11	12	
Load [Kg/m]	120	4										Load [Kg]	240										
	110	4											220	4									
	100	3	11										200	4									
	90	3	10										180	3	8								
	80	3	9										160	3	7								
	70	2	8	19									140	3	6	12							
	60	2	7	16									120	2	5	10	18						
	50	2	6	13	28								100	2	4	9	15	24					
	40	1	4	11	22								80	1	4	7	12	19	28	40			
	30	1	3	8	17	31	53						60	1	3	5	9	14	21	30	41	55	72
	20	1	2	5	11	21	35	57	86				40	1	2	3	6	9	14	20	28	37	48
	10	0	1	3	6	10	18	28	43	63	90		20	0	1	2	3	5	7	10	14	18	24

These technical data are not valid for circular truss.
 These technical data are valid only for structures entirely assembled with Litec materials.

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