



Description	Specification
External dimensions (height x width)	252 mm x 252 mm
Distance between axis	200 mm x 200 mm
Lengthways tubes	Extruded aluminium EN-AW 6005 T6 - Ø50x1,5mm
Crossways tubes	Extruded aluminium EN-AW 6060 T6 - Ø14x1,5mm
Connecting plate	Cast aluminium EN AC 44200
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]
914	8.427.516	8.427.516	3,93	3,93	41,2

QX25 uniformly distributed load										QX25 centre point load													
Deflection [mm]																							
Truss length [m]		6	7	8	9	10	11	12	13	14	Truss length [m]		6	7	8	9	10	11	12	13	14		
Load [Kg/m]	120										Load [Kg]	240	18										
	110	31										220	17	26									
	100	28										200	15	24	36								
	90	26										180	14	22	32	46							
	80	23	42									160	12	19	29	41	56						
	70	20	37									140	11	17	25	36	49	65					
	60	17	32	54								120	9	14	22	31	42	56	73	92			
	50	14	26	45	72							100	8	12	18	26	35	47	61	77	96		
	40	11	21	36	58	88						80	6	10	14	20	28	37	48	62	77		
	30	9	16	27	43	66	96					60	5	7	11	15	21	28	36	46	58		
	20	6	11	18	29	44	64	91	125			40	3	5	7	10	14	19	24	31	38		
	10	3	5	9	14	22	32	45	63	84		20	2	2	4	5	7	9	12	15	19		

You can find in the catalogue the available dimensions of truss and respective weights.
 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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