



Description	Specification
External dimensions (height x width)	400 mm x 400 mm
Distance between axis	350 mm x 350 mm
Lengthways tubes	Extruded aluminium EN-AW 6082 T6 - Ø50x2mm
Crossways tubes	Extruded aluminium EN-AW 6060 T6 - Ø25x2mm
Connecting plate	Cast aluminium EN AC 47000
Welding process	TIG (UNI8634 / DIN4113)
Available length [cm]	10 – 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]
1206	36.759.359	36.759.359	8,89	8,89	65,2

QX40S uniformly distributed load														QX40S centre point load															
Deflection [mm]														Deflection [mm]															
Truss length [m]	6	7	8	9	10	11	12	13	14	15	16	17	18	Truss length [m]	6	7	8	9	10	11	12	13	14	15	16	17	18		
Load [Kg/m]	240	15													Load [Kg]	600	10												
	220	14														560	9												
	200	13														520	9	14											
	180	11	21													480	8	13	19										
	160	10	19													440	7	12	17	25									
	140	9	16	28												400	7	11	16	23	31								
	120	8	14	24												360	6	10	14	20	28	37							
	100	6	12	20	32											320	5	9	13	18	25	33	42						
	80	5	9	16	25	38	56									280	5	7	11	16	22	28	37	47	58				
	60	4	7	12	19	29	42	59	81							240	4	6	10	14	18	24	32	40	50	61	73	87	
	40	3	5	8	13	19	28	39	54	72	95					200	3	5	8	11	15	20	26	33	41	50	61	73	86
	20	1	2	4	6	10	14	20	27	36	47	61	77	97		160	3	4	6	9	12	16	21	27	34	41	50	60	71

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.