



Description	Specification
External dimensions (height x width)	520 mm x 520 mm (20½" x 20½")
Distance between axis	470 mm x 470 mm (18½" x 18½")
Lengthways tubes	Extruded aluminium EN-AW 6082 T6 - Ø50x4mm
Crossways tubes	Extruded aluminium EN-AW 6082 T6 - Ø30x3mm
Connecting Fork	Aluminium EN-AW 6082 T6
Welding process	TIG (UNI8634 / DIN4113)
Available length [cm]	100 - 130 - 200 - 230

Section Area [mm ²]	Moment of Inertia Y - axis [mm ⁴]	Moment of Inertia Z - axis [mm ⁴]	Allowable bending moment Y - axis [kNm]	moment Z - axis	Selfweight (approx.) [N/m]
2312	130.073.709	130.073.709	27,09	-	115,6

QL52 uniformly distributed load												QL52 centre point load																
Deflection [mm]												Deflection [mm]																
Truss length [m]	9	10	11	12	13	14	15	16	17	18	19	20	21	Truss length [m]	9	10	11	12	13	14	15	16	17	18	19	20	21	
Load [Kg/m]	260	25												Load [Kg]	1200	20												
	240	23													1100	19	25											
	220	21	32												1000	17	23	31										
	200	19	29												900	15	21	28	36									
	180	17	26	38											800	13	18	25	32	41	51							
	160	15	23	34											700	12	16	22	28	35	44	53	66					
	140	13	20	30	39										600	10	14	18	24	30	38	45	57	68	74			
	120	11	17	25	34	49									500	8	12	15	20	25	32	38	47	57	61	79	89	97
	100	9	14	21	28	41	55	67							400	7	9	12	16	20	25	30	38	45	49	63	72	77
	80	8	12	17	22	33	44	53	76	96					300	5	7	9	12	15	19	22	28	34	36	47	53	58
60	6	9	13	17	25	33	40	57	82	81	113		200	3	5	6	8	10	13	15	19	23	25	32	36	39		
40	4	6	8	11	16	22	27	38	48	54	75	87	98	100	2	2	3	4	5	6	8	9	11	13	16	18	20	

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