



Description	Specification
External dimensions (height x width)	292 mm x 292 mm
Distance between axis	239 mm x 239 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]	10,5 – 21 – 25 – 42 – 50 – 100 – 150 – 200 – 250 – 300 – 350 – 400

Section Area [mm <sup>2</sup> ]	Moment of Inertia Y – axis [mm <sup>4</sup> ]	Moment of Inertia Z – axis [mm <sup>4</sup> ]	Allowable bending moment Y – axis [kNm]	Allowable bending moment Z – axis [kNm]	Selfweight (approx.) [N/m]
1206	17.731.775	17.731.775	6,16	6,16	57,9

<b>QX30 uniformly distributed load</b>											<b>QX30 centre point load</b>														
		Deflection [mm]												Deflection [mm]											
Truss length [m]		6	7	8	9	10	11	12	13	14	15	Truss length [m]		6	7	8	9	10	11	12	13	14	15		
Load [Kg/m]	130	18										Load [Kg]	400	15											
	120	17	31										375	14	22										
	110	15	28										350	13	20										
	100	14	26	44									325	12	19	28									
	90	12	23	39									300	11	18	26									
	80	11	20	35	56								275	10	16	24	34								
	70	10	18	30	49								250	9	15	22	31	43							
	60	8	15	26	42	64	93						225	8	13	20	28	38	51						
	50	7	13	22	35	53	78						200	7	12	17	25	34	45	59	75				
	40	6	10	17	28	43	62	88	122				175	6	10	15	22	30	40	51	65	82	101		
	30	4	8	13	21	32	47	66	91	123			150	6	9	13	19	26	34	44	56	70	86		
	20	3	5	9	14	21	31	44	61	82	108		125	5	7	11	16	21	28	37	47	58	72		

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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