



Description	Specification
External dimensions (height x width)	400 mm x 400 mm (20½" x 20½")
Distance between axis	350 mm x 350 mm (18½" x 18½")
Lenghtways 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 - 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]	moment Z – axis	Selfweight (approx.) [N/m]
1772	46.541.200	46.541.200	26,46	-	116,7

QF40 uniformly distributed load																		QF40 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]	600																										Load [Kg]	1500	21																											
	550	28																											1400	19	31																									
	500	26																												1300	18	28	42																							
	450	23	43																											1200	16	26	39																							
	400	21	38																											1100	15	24	36	51																						
	350	18	33	57																										1000	14	22	33	46	64																					
	300	15	29	49																										900	12	20	29	42	57	76																				
	250	13	24	41	65																									800	11	17	26	37	51	68	88																			
	200	10	19	33	52	80																								700	10	15	23	32	45	59	77	98	122																	
	150	8	14	24	39	60	87																							600	8	13	20	28	38	51	66	84	105	129																
	100	5	10	16	26	40	58	82	114	153																				500	7	11	16	23	32	42	55	70	87	107	130	156														
	50	3	5	8	13	20	29	41	57	76	101	130	166	209																400	5	9	13	19	25	34	44	56	70	86	104	125	148													

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

Emissione 14/04/2004	LITEC s.r.l. – Via Venier, 52 – 30020 Marcon (VE) www.litectruss.com - info@litectruss.com	LLTCST18GB1 Versione 1
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