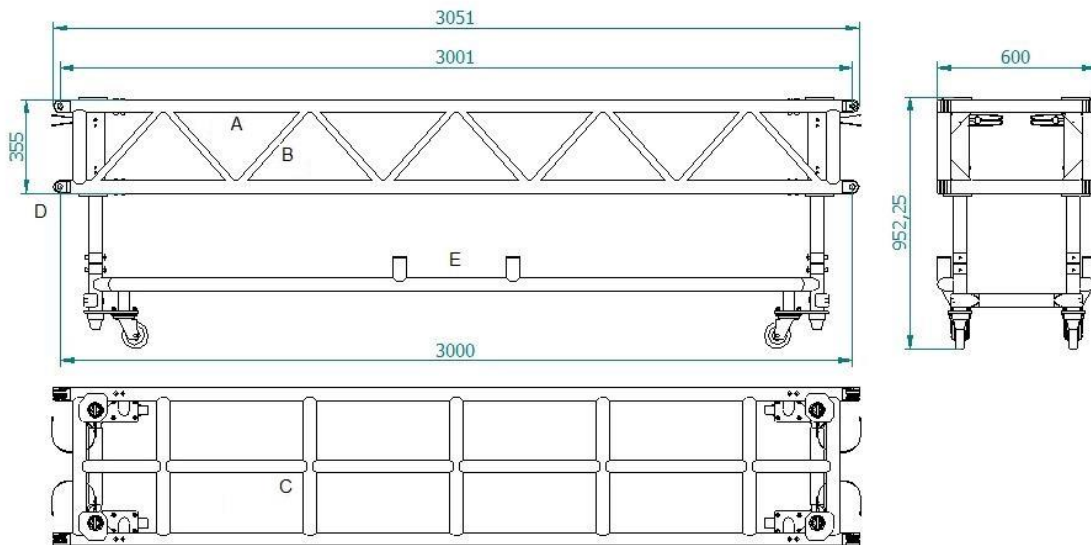


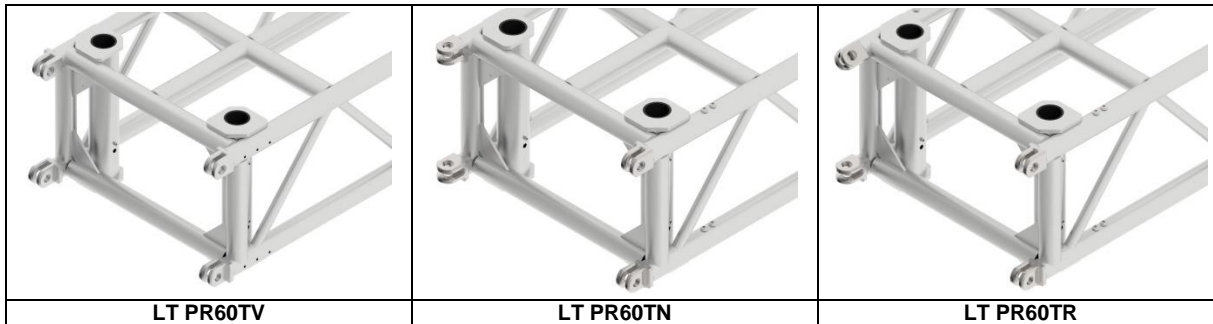
**DRAWING**



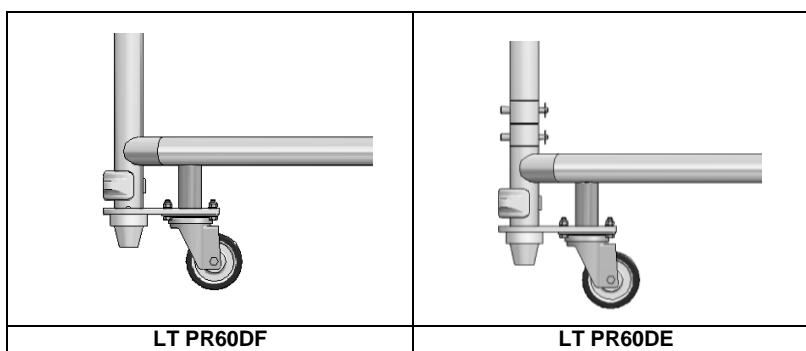
**TECHNICAL DATA**

Description	Specification
<b>Chords A</b>	Aluminium extruded tube $\varnothing$ 50x4 mm - EN AW-6082 T6
<b>Diagonals B</b>	Aluminium extruded tube $\varnothing$ 25,4x3,17 mm - EN AW-6082 T6
<b>Horizontal braces C</b>	Aluminium extruded tube $\varnothing$ 50x3 mm - EN AW-6082 T6
<b>Ends D</b>	Aluminium forks (EN AW-6082 T6)
<b>Fixing Points E</b>	Aluminium extruded tube $\varnothing$ 50x3 mm EN AW-6082 T6
<b>Connection system KHLP</b>	Cylindrical pin + safety R-clip
<b>Welding process</b>	TIG (UNI3834 / DIN4113)
<b>Self-Weight</b>	19 kg/m
<b>Truss order code</b>	LT PR60TV___ <i>Vertical fix fork</i> LT PR60TN___ <i>Four steps 90° rotation forks</i> LT PR60TR___ <i>360° continuous rotation forks</i> [“___” is the length in cm]
<b>Dolly order code</b>	LT PR60DF___ <i>Fixed height</i> LT PR60DE___ <i>Adjustable height</i> [“___” is the length in cm]
<b>Standard length [cm]</b>	150 - 235 – 300

Type of truss



Type of dolly

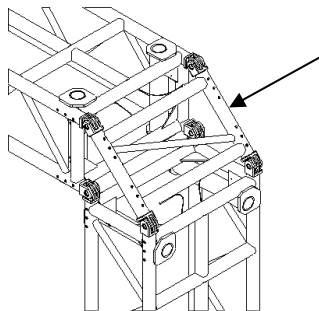


SIMPLY SUPPORTED - load on inner chord															
UNIF. DISTRIBUTED LOAD				CENTRE POINT LOAD			THIRD POINT LOAD			QUARTER POINT LOAD			FIFTH POINT LOAD		
span	q <sub>am</sub>	q <sub>am</sub> ·L	defl	F <sub>am.</sub>	F <sub>am.</sub>	defl	F <sub>am.</sub>	2F <sub>am.</sub>	defl	F <sub>am.</sub>	3F <sub>am.</sub>	defl	F <sub>am.</sub>	4F <sub>am.</sub>	defl
[m]	[kg/m]	[kg]	mm	[kg]	[kg]	mm	[kg]	[kg]	mm	[kg]	[kg]	mm	[kg]	[kg]	mm
1	742	742	0	371	371	0	247	495	0	186	556	0	148	594	0
2	741	1482	1	408	408	0	408	815	0	370	1111	1	370	1481	1
3	734	2202	3	407	407	1	407	814	2	406	1217	2	406	1622	3
4	716	2865	9	407	407	2	406	812	4	404	1212	5	404	1614	7
5	619	3099	20	406	406	5	405	809	8	401	1203	10	401	1604	13
6	432	2590	29	405	405	8	403	806	13	398	1193	18	398	1591	22
7	313	2192	40	404	404	14	401	802	21	394	1181	28	394	1574	35
8	236	1889	53	402	402	21	399	797	32	389	1167	42	389	1557	52
9	184	1649	67	401	401	30	396	792	46	384	1152	60	344	1374	67
10	145	1445	82	398	398	42	393	786	64	361	1084	79	301	1204	83
11	116	1274	100	396	396	57	389	779	85	318	956	95	265	1062	100
12	94	1130	119	393	393	75	385	770	112	283	848	114	236	942	119
13	78	1007	140	390	390	97	378	755	142	252	755	134	210	840	140
14	64	899	162	387	387	123	338	674	165	224	674	156	188	750	163
15	54	804	187	383	383	154	301	603	190	201	603	180	167	669	188
16	45	719	213	360	360	184	269	540	216	180	540	206	150	600	214
17	38	643	242	321	321	210	241	483	245	161	483	234	134	536	243
18	32	573	272	287	287	239	215	431	276	144	431	264	119	478	274

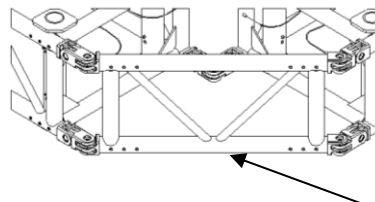
The loads described above are related to the load applied on the central tube

Load table has been prepared in accordance with UNI ENV 1999-1-1 (Eurocode 9). When calculating the allowable loads shown in the table, it is assumed that the load is suspended in the middle part of the truss and the truss is supported from the top chord at each end. The values shown in the table are the allowable static loads that can be applied to the truss. This is the live load or the payload. The self-weight of the truss has been taken into account when calculating the values in the table. It should be noted that this are idealized loading conditions and the User shall re-analyse the truss for the loading condition which prevail for the application begin considered.

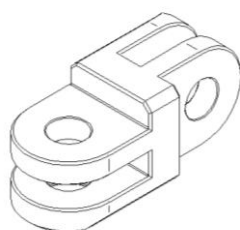
Accessories



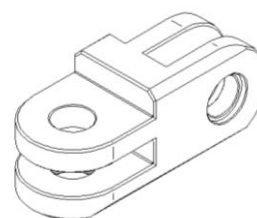
Order code - LT PR60FP090  
*Flat truss to create vertical angles*



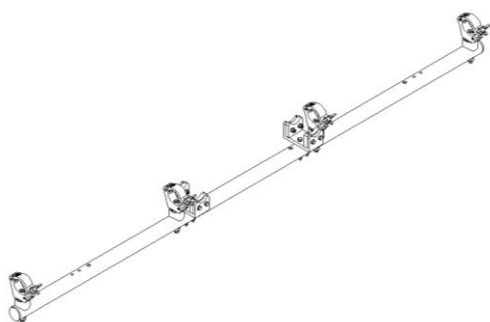
Order code - LT PR60FV090  
*Flat truss to create horizontal angles*



Order code - LT KHL90LS  
*Left fork to change position*



Order code - LT KHL90RS  
*Right fork to change position*



Order code:  
LT PR60LB150 or LT PR60LB235 or LT PR60LB300  
*Lighting bar for move the hanging point 10cm lower*