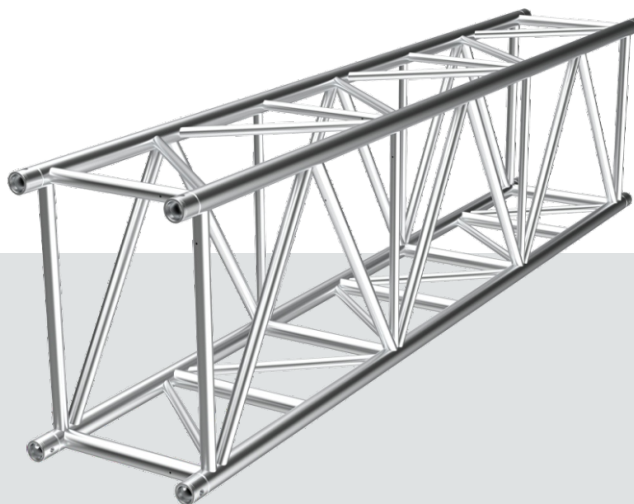




EN1090 EXC-3
CERTIFIED



SPECIFICATIONS

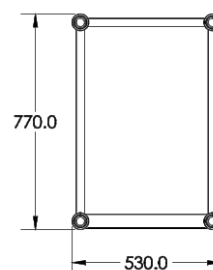
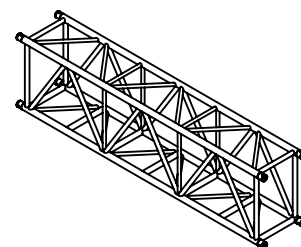
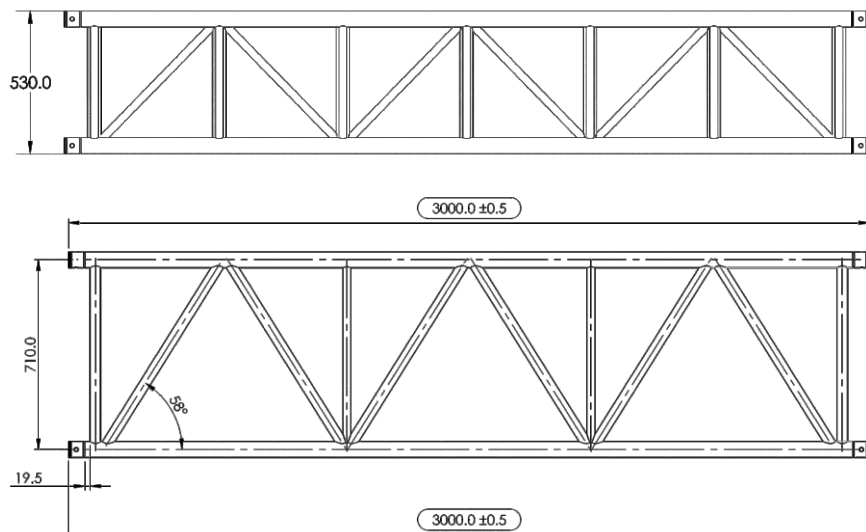
Height:	770mm
Width:	530mm
Weight:	~19kg/m
Main Tube:	60x6mm
Braces:	40x3mm
Material:	EN AW-6082 T6
Connection:	SG-3 (60mm)

MT EX - Extreme Heavy-duty Truss System

The MT-EX truss is engineered for large-scale, high-demand events where strength, stability, and reliability are critical. Designed for extreme loading conditions, it delivers exceptional performance in applications beyond the capabilities of conventional heavy-duty truss systems.

Manufactured with Ø60 mm main tubes and Ø40 mm diagonal and brace tubes, MT-EX features the SG-3 precision conical connection system and a 4-side diagonal webbing design for maximum rigidity and efficient load distribution. The 6 mm wall thickness ensures exceptional durability, resistance to transport damage, and an extended service life.

The system is compatible with the SST-40R supported tower system and is available with powder coating in any RAL colour.



PRODUCT DATA SHEET



METRIC LOADING CHART

LOAD CHART MT-EX

Span [M]	UDL [kg/m]	Deft [mm]	CPL [kg]	Deft [mm]	TPL [Kg]	Deft [mm]	QPL [kg]	Deft [mm]	FLP [kg]	Deft [mm]	Swt [kg]
6	632	7	3796	13	1898	10	1265	9	949	3	132
8	469	13	3757	22	1878	18	1252	16	939	8	176
10	371	21	3273	32	1858	29	1239	27	929	17	220
12	306	33	2833	42	1838	45	1225	42	919	29	264
14	259	49	2485	56	1678	62	1212	61	909	46	308
16	224	70	2204	71	1504	80	1131	83	899	69	252
18	197	96	1970	89	1357	101	986	101	822	92	396
20	173	127	1738	107	1231	125	869	122	724	114	440
22	140	151	1542	127	1120	152	771	145	642	138	484
24	114	178	1376	150	1023	181	688	171	573	165	528
26	94	207	1232	176	924	212	616	199	513	194	572
28	78	238	1105	203	829	244	552	230	460	225	616
30	66	272	993	234	745	179	496	263	414	260	660
32	55	309	893	267	670	216	446	299	372	296	704
34	47	348	802	303	601	355	401	337	334	336	748
36	39	390	719	342	539	398	378	378	299	378	792

All applications must be verified by a qualified structural engineer prior to use.

CANTILEVER

Length m	UDL [kg\m]	Deft [mm]	EPL [kg]	Deft [mm]	Swt [kg]
1,0	1937	1	1937	3	22
2,0	959	3	1918	7	44
3,0	632	6	1898	13	66
4,0	469	10	1878	22	88
5,0	371	15	1752	33	110