

FANTEK®

Raising the Standard
NEW PRODUCTS 2026

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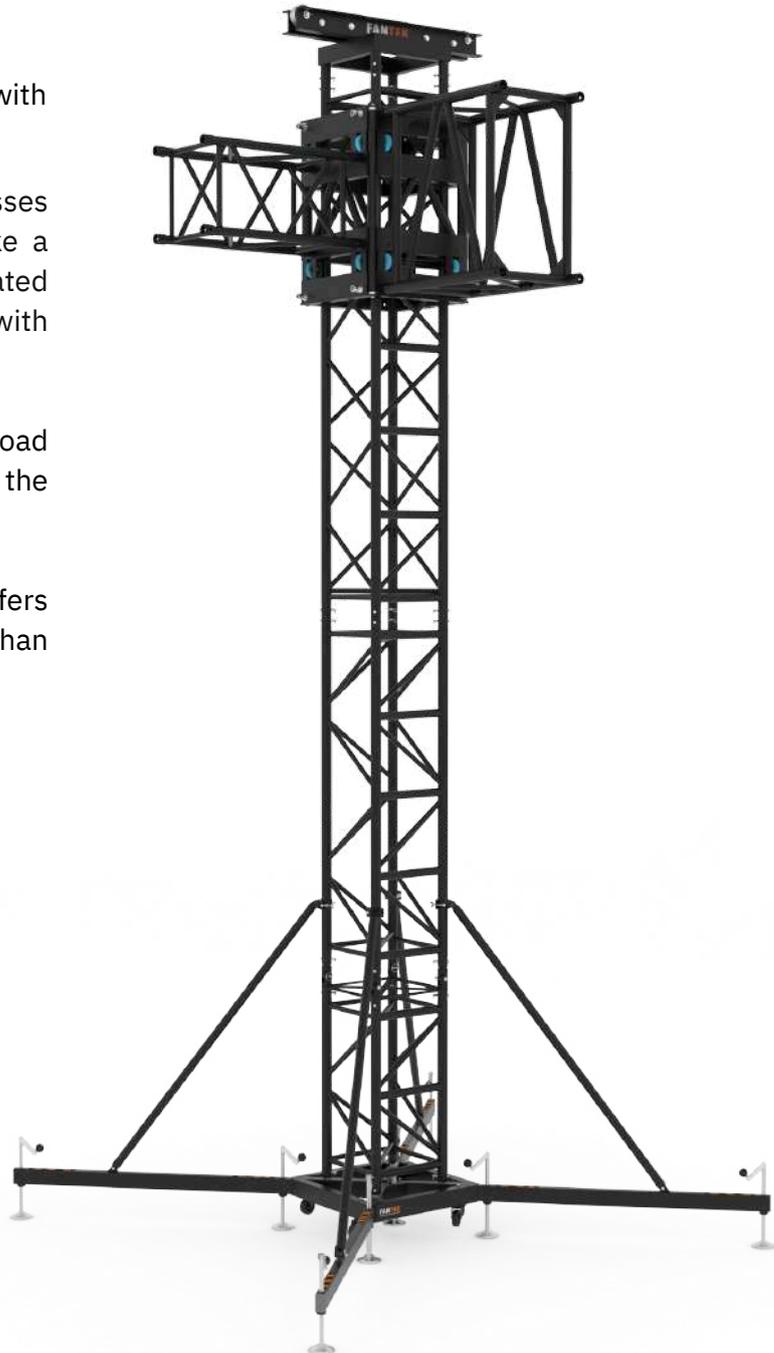
GS 152

High-load ground support tower with GS52Q truss mast.

The crossbars on one side of the trusses used for this tower are arranged like a ladder to facilitate access to the elevated truss via the tower, in compliance with the necessary preventive measures.

The tower can be used with our high-load truss systems by means of the adaptation system for such use.

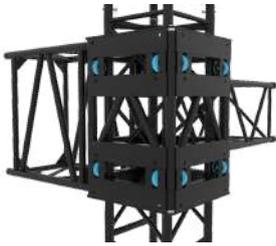
The welded structural carriage offers much greater precision and strength than conventional ones.



Max. Load	*5000 Kg	Weight (12 m)	452 Kg
Max. Height	20 m / 65,61 ft	Material	Aluminum and Steel
Extended Base	3 x 3 m	Lifting System	Electric chain hoist
Folded Base	0,75 x 0,75 m		



*The maximum load doesn't correspond to the maximum height. The relation between both will depend on other factors such as the presence of wind loads, ballast or other restraining methods.



Sleeve block

For FK52 and R1 truss



Spirit level

To ensure the verticality of the tower

Truss hinge

To facilitate the assembly and lifting of the tower



Leveling feet

Absorbs ground irregularities



Double pulley

Double upper pulley to drive the chain



Braces

4 reinforcement braces



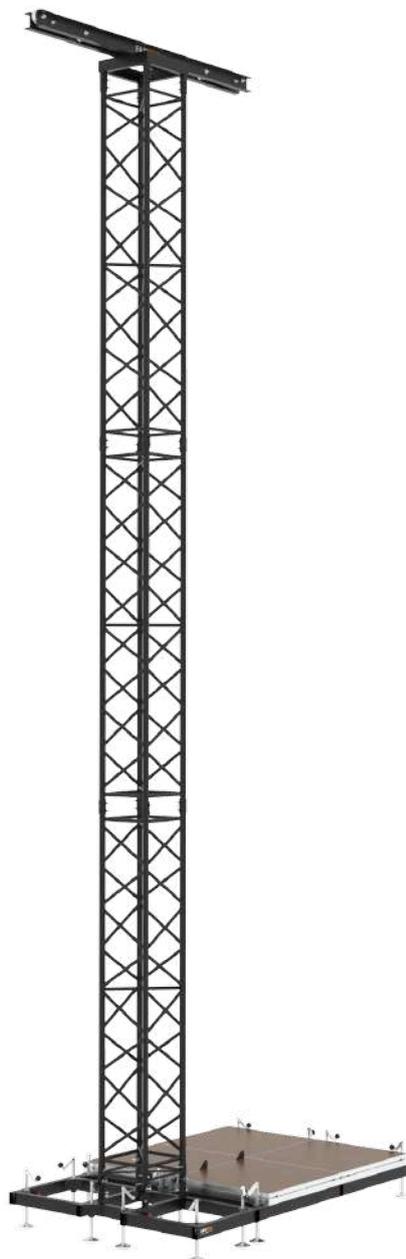
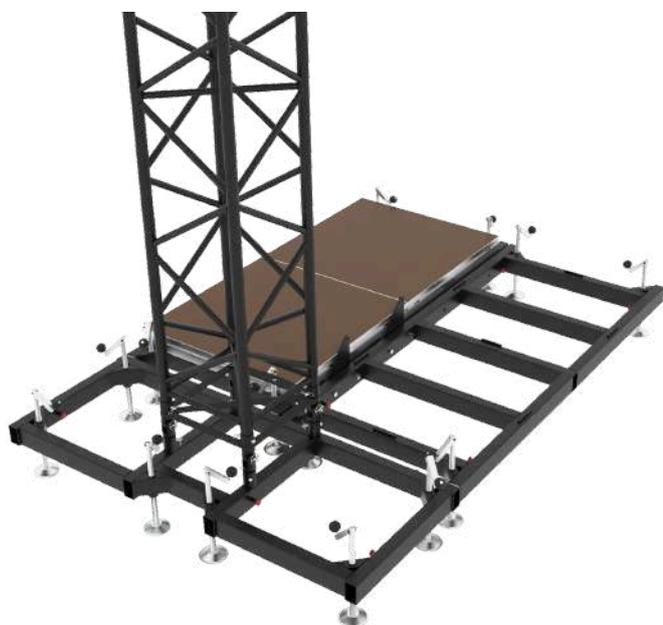
VerMax 12

The VerMax 12 delay tower is perfect for providing coverage to areas furthest from the sound source.

The tower is designed to support and lift large sound systems with a maximum load of 2400 kg. with a cantilever of 1 meter

Its design ensures a high level of safety and reaches a maximum height of 12 m.

The base consists of 3 steel pieces and 4 platforms for placing the counterweights. Additional long legs can be added for extra stability



Max. Load	2400 kg*	Weight Base (Without stage decks)	293,74 kg
Max. Height	12 m / 39 ft	Material	Aluminum and steel
Weight (Without stage decks)	502 kg	Lifting System	Electric chain hoist
		Dimension base without legs	2010 x 3030 mm



*The relation between the maximum load and maximum height will depend on other factors such as the presence of wind loads, ballast or other restraining methods.



Truss

Main tube section 50x4 mm

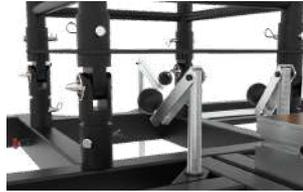


Anchor points

Engine anchor points

Truss hinge

To facilitate the assembly and lifting of the tower



Leveling feet

Absorbs ground irregularities



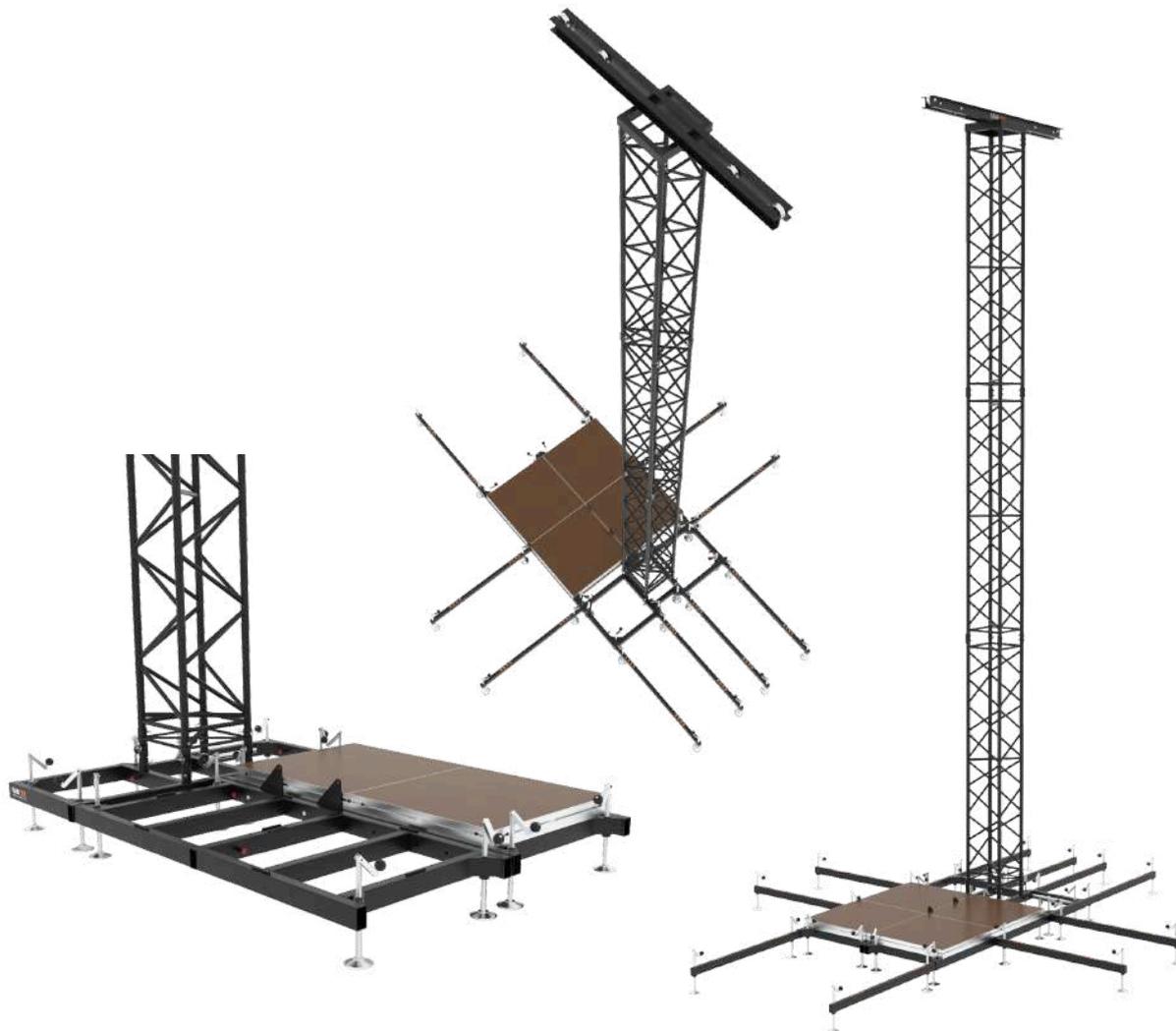
Double pulley

Double upper pulley for chain passage



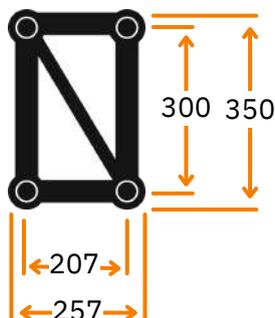
Removable stage decks

Four 1x1 m platforms at the base to support the necessary counterweights



FK35R H

Rectangular truss specially designed for assemblies with high load capacities.



Main Tube Section	50 x 4 mm / 1,97 x 0,16 in
Main Tube Alloy	EN AW 6082T6
Braces Section	25 x 3 mm / 0,98 x 0,12 in
Braces Alloy	EN AW 6082T6
Coupling System	CBC50
Complies with	EN-17115 / EN-1090 / Eurocodes 0,1,3,9



Standard sizes: 0,5 / 1 / 2 / 3 m
Other sizes upon request

Aluminum: Silver or black
Other colors available upon request

Includes 4 double cones, 4 pins,
and 4 safety clips.

Suitable for assemblies with high load capacities.

	0,5 m / 1,64 ft	1 m / 3,28 ft	2 m / 6,56 ft	3 m / 9,84 ft
Weight	5,77 kg / 12,72 lb	9,78 kg / 21,56 lb	17,79 kg / 39,22 lb	25,91 kg / 57,12 lb



Accessories



FK5 CLIP

Safety clip for CBC50 pins

51 x 7 x 15 mm
2 x 0,28 x 0,59 in



FK5 DC

Double cone FK Series

35 x 90 mm
1,38 x 3,64 in



FK5 MC BASE

Half cone for base. FK Series. M10 Screw

33,5 x 43,8 mm
1,38 x 1,85 in



FK5 MC

Half cone for cube FK Series. M8 Screw

35 x 47 mm
1,38 x 1,85 in



FK LP2540

For square and triangular trusses.

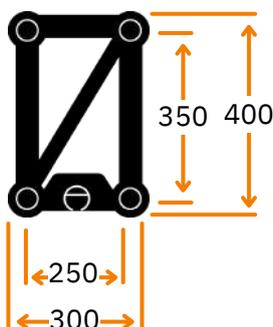
400 x 120 x 85 mm
15,75 x 4,72 x 3,35 in

Load table

FK35R H	UDL			CPL			TPL			QPL			FPL		
	Load		Deflections	Load		Deflections	Load		Deflections	Load		Deflections	Load		Deflections
Span (m)	(kg/m)	(lbs/ft)	(mm)	(kg)	(lbs)	(mm)									
2	2451,2	1647,1	3	2989	7891	3	1791,1	3948,7	3	1320,3	2910,7	3	1054,7	2325,2	3
3	1631,2	1096,1	7	2372,6	6225,8	6	1490,1	3285,1	8	1135,5	2503,3	7	929,4	2048,9	7
4	1181,6	793,9	13	1958,4	5118,7	11	1269	2797,6	13	990,5	2183,6	12	826	1821	13
5	791,1	531,6	21	1662,6	4333,2	16	1101,4	2428,1	21	875,3	1929,7	20	722,9	1593,7	21
6	546,7	367,3	30	1441	3747,4	24	970,5	2139,6	30	782,1	1724,2	28	622,6	1372,6	30
7	399,3	268,3	40	1268,7	3298,7	32	865,5	1908,1	41	698,9	1540,8	38	545,6	1202,8	41
8	303,7	204,1	53	1130,8	2931,2	42	779,3	1718,1	54	607,4	1339,1	50	484,5	1068,1	53
9	238,1	160	67	1017,8	2634,7	54	707,4	1559,5	68	535,8	1181,2	64	434,8	958,6	67
10	191,2	128,5	82	923,3	2387,1	67	646,3	1424,8	84	478,1	1054	79	393,5	867,5	83
11	156,5	105,1	100	843	2176,8	81	593,7	1308,8	102	430,4	948,9	95	358,6	790,6	101
12	130,1	87,4	119	773,8	1995,8	97	548	1208,1	121	390,4	860,7	113	325,3	717,1	120
13	109,6	73,64	140	712,3	1823,6	114	507,7	1119,3	143	356,2	785,3	133	296,8	654,3	141
14	93,3	62,69	162	653	1670,2	133	471,9	1040,3	166	326,5	719,8	155	272,1	599,8	164
15	80,1	53,82	187	601	1535,7	153	439,8	969,6	190	300,5	662,5	178	250,4	552	188
16	69,4	46,63	213	555	1416,7	175	410,9	905,9	217	277,5	611,8	203	231,3	509,9	214
17	60,5	40,65	241	513,9	1310,2	199	384,7	848,1	245	257	566,6	230	214,1	472	242
18	53	35,61	270	476,9	1214,1	224	357,6	788,3	275	238,4	525,6	259	198,7	438,1	272
19	46,7	31,38	302	443,3	1127	252	332,4	732,8	307	221,6	488,5	289	184,7	407,2	304
20	41,3	27,75	335	412,6	1047,2	281	309,4	682,1	341	206,3	454,8	321	171,9	378,9	337

FK3040R H

Truss designed for LED screens, combining strength, precision, and quick assembly.



EN 1090-1
Factory
Production
Control
www.fan-tek.com
E: 3105679066



Management
System
ISO 9001:2015
www.fan-tek.com
E: 3118840873

Main Tube Section	50 x 4 mm / 1,97 x 0,16 in
Main Tube Alloy	EN AW 6082T6
Braces Section	25 x 3 mm / 0,98 x 0,12 in
Braces Alloy	EN AW 6082T6
Coupling System	CBC50
Complies with	EN-17115 / EN-1090 / Eurocodes 0, 1, 3, 9

Standard sizes: 0,5 / 1 / 2 / 3 m
Other sizes upon request

Aluminum: Silver or black
Other colors available upon request

Includes 4 double cones, 4 pins,
and 4 safety clips.

Suitable for installations
with LED screens



	0,5 m / 1,64 ft	1 m / 3,28 ft	2 m / 6,56 ft	3 m / 9,84 ft
Weight	7,26 kg / 16 lb	12,61 kg / 27,8 lb	22,16 kg / 48,85 lb	31,96 kg / 70,46 lb



Accessories



FK5 CLIP

Safety clip for CBC50 pins
51 x 7 x 15 mm
2 x 0,28 x 0,59 in



FK5 DC

Double cone FK Series
35 x 90 mm
1,38 x 3,64 in



FK5 MC BASE

Half cone for base. FK Series. M10 Screw
33,5 x 43,8 mm
1,38 x 1,85 in



FK5 MC

Half cone for cube FK Series. M8 Screw
35 x 47 mm
1,38 x 1,85 in



FK LP2540

For square and triangular trusses.
400 x 120 x 85 mm
15,75 x 4,72 x 3,35 in

Load table

FK3040R H	UDL			CPL			TPL			QPL			FPL		
	Load		Deflections	Load		Deflections	Load		Deflections	Load		Deflections	Load		Deflections
Span (m)	(kg/m)	(lbs/ft)	(mm)	(kg)	(lbs)	(mm)	(kg)	(lbs)	(mm)	(kg)	(lbs)	(mm)	(kg)	(lbs)	(mm)
2	2185,4*	1468,5	3	3579,3*	7891	2	2158,3*	4758,2	3	1456,9	3211,9	3	1093	2409,6	5
3	1453,3*	976,6	6	2824*	6225,8	5	1784,2*	3933,5	6	1365,7	3010,8	6	1090	2403	6
4	1087,3*	730,6	11	2321,8*	5118,7	9	1512,7*	3334,9	12	1185,9	2614,4	11	992,4	2187,9	11
5	867,7*	530,06	18	1965,5*	4333,2	14	1308,6*	2884,9	18	1044,3	2302,3	17	853	1880,5	18
6	637,5	428,4	25	1699,8*	3747,4	20	1150*	2535,3	26	930,5	2051,4	24	733,3	1616,6	26
7	465,5	312,8	35	1494*	3298,7	28	1023,4*	2256,2	35	814,6	1795,8	33	641,6	1414,5	35
8	353,8	237,7	45	1329,6*	2931,2	37	919,9*	2028	46	707,7	1560,2	43	569	1254,4	46
9	277,3	186,3	57	1195,1*	2634,7	46	833,6*	1837,7	59	623,9	1375,4	55	510	1124,3	58
10	222,5	149,5	71	1082,8*	2387,1	57	760,6*	1676,8	72	556,4	1226,6	68	461	1013,1	71
11	182	122,3	86	987,4*	2176,8	70	697,7	1538,2	88	500,6	1103,6	82	417,2	919,8	87
12	151,2	101,6	102	905,3*	1995,8	83	643,1	1417,8	104	453,7	1000,2	98	378,1	833,5	103
13	127,3	85,54	120	827,2*	1823,6	98	595,1	1311,9	123	413,6	911,8	115	344,7	759,9	121
14	108,2	72,70	140	757,6*	1670,2	115	552,4	1217,8	142	378,8	835,1	133	315,7	696	141
15	92,9	62,42	161	696,6	1535,7	132	514,3	1133,8	164	348,3	767,8	153	290,3	640	162
16	80,3	53,96	183	642,6	1416,7	151	479,9	1057,9	187	321,3	708,3	175	267,7	590,1	184
17	69,9	46,97	207	594,3	1310,2	172	445,7	982,6	211	297,1	654,9	198	247,6	545,8	208
18	61,2	41,12	232	550,7	1214,1	194	413	910,5	237	275,4	607,1	223	229,5	505,9	234
19	53,8	36,15	259	511,2	1127	217	383,4	845,2	264	255,6	563,5	249	213	469,6	261
20	47,5	31,92	288	475	1047,2	242	356,3	785,5	293	237,5	523,6	277	197,9	436,3	290

*The figures shown in this table are for loads attached to nodes of the main chords. Point loads attached to the rail are limited to 700 kg each.

FPR SERIES

Innovative element consisting of a pre-rig truss and a transport trolley, designed to facilitate the assembly of lighting systems and move them around the stage.

Complies with Eurocodes, EN-1090 and EN-17115



Section	540 x 305 mm
Weight	15,15 kg / m
Main Tube Section	50 x 4 mm
Alloy	EN AW 6082T6
Braces Section	25 x 3 mm
Rectangular Tube Section	5 mm

Outer Section Telescopic Legs	6 mm
Standard lengths	2,39 / 3 m
Max Height	1395 mm
Min. Height	1195 mm
Material	Aluminum
Connection type	Adjustable forks



Open bottom face
Give continuity to assembly of mobile heads and LED Screens



Center rail
Longer to provide continuity when joining two trusses together

Lower loading tube
Less interferences for mobile heads



Adapted for forklifts
Allow efficient and secure transport



Stackable
Optimize space in transport and storage



Adjustable legs
Choose the appropriate height for each occasion

Foldable legs
Folding system that locks automatically into position

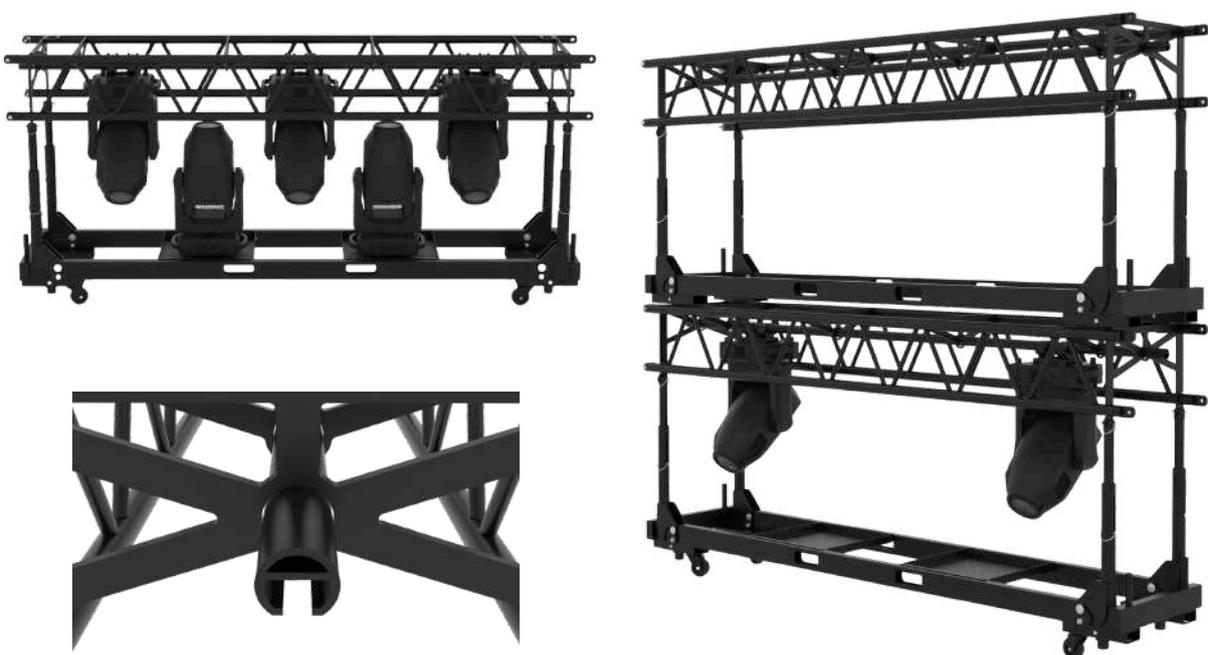


Adjustable connectors
Allows connecting truss at an angle



FPR Truss	UDL			CPL			TPL			QPL			FPL		
	Span (m)	Load (kg/m)	Load (lbs/ft)	Deflections (mm)	Load (kg)	Load (lbs)	Deflections (mm)	Load (kg)	Load (lbs)	Deflections (mm)	Load (kg)	Load (lbs)	Deflections (mm)	Load (kg)	Load (lbs)
2,39	1975,7*	1327,6*	5	2597,6*	5726,7*	4	1562,7*	3445,1*	5	1155,3*	2547*	4	924,8	2038,8	5
3	1571,2*	1055,8*	7	2287,2*	5042,4*	6	1412,7*	3114,4*	7	1063,9*	2345,5*	7	863,2	1903,0	7
4,78	846,7	568,9	18	1679,9*	3703,5*	15	1091,8*	2407*	19	855	1884,9	18	715	1576,3	19
5,39	685,6	460,7	23	1535,7*	3385,6*	19	1010,1*	2226,9*	24	798,9	1761,2	22	668,7	1474,3	24
6	552,9	371,5	29	1412,5*	3114*	23	938,6	2069,2	30	748,8	1650,8	28	612,6	1350,5	29
7,17	383,1	257,4	42	1220,1*	2689,8*	34	823,7	1815,9	42	666,3	1468,9	40	525,9	1159,4	42
7,78	323,3	217,2	49	1137,1*	2506,9*	40	772,9	1703,9	50	628,9	1386,5	47	488,9	1077,8	49
8,39	276,1	185,5	57	1063,4*	2344,4*	46	727,2	1603,2	58	579,2	1276,9	54	456,2	1005,7	57
9	238,2	160,1	66	997,3	2198,6	53	685,8	1511,9	67	535,9	1181,4	63	427	941,37	66
9,56	209,5	140,7	74	942,5	2077,8	60	651,1	1435,4	76	500,8	1104,1	71	402,9	888,24	75
10,17	183,6	123,3	84	888	1957,7	68	616,3	1358,7	86	466,7	1028,9	80	379,1	835,77	85
10,78	161,9	108,8	94	838,4	1848,3	77	584,3	1288,1	96	436,3	961,8	90	357,4	787,93	95
11,39	143,6	96,49	105	792,9	1748	86	554,8	1223,1	108	408,9	901,4	101	337,6	744,28	106
11,95	129,2	86,82	116	754,4	1663,1	95	529,3	1166,9	119	386	850,9	111	320,9	707,46	117
12	128	86,01	117	751,1	1655,9	96	527,5	1162,9	119	384	846,5	112	319,5	704,37	118
12,56	115,7	77,75	129	715,4	1577,2	106	504,1	111,3	131	363,2	800,7	123	302,6	667,11	129
13,17	104	69,88	141	679,3	1497,6	117	480,2	1058,7	144	342,3	754,6	135	285,2	628,75	142

*The maximum load on the central tube is 750 Kg for point loads.



Accessories



FPR-B1

Floor base for placing the FPR Truss vertically.
3 different positions.
Also compatible with trusses from the FK30,
FK40, and FK52 series.
Can be anchored to the floor or fitted with wheels
1000 x 1000 x 8 mm - 61,6 kg / 135,8 lb



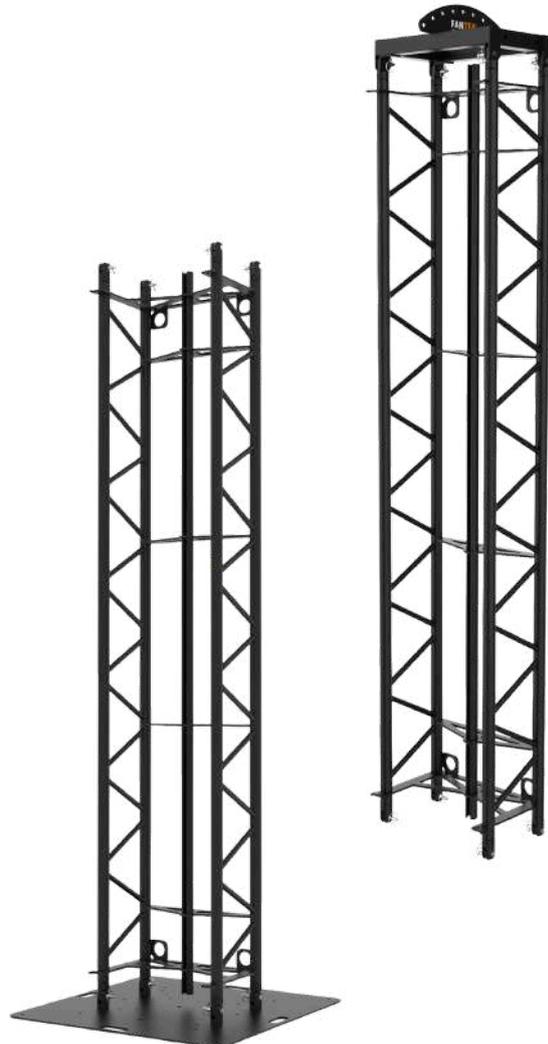
FPR-RP1

Rigging point for the FPR Truss
9 different anchoring points
Pins and clips included
570 x 365 x 240 mm - 17,39 kg / 38,33 lb



FPR TRAY

Tray for transport trolley FPR CART
Interior measurements: 462 x 506 x 40 mm
Weight: 2,7 kg / 5,95 lb



LSA-T

Accessory designed to detect overloads in top-loading towers, in accordance with the requirements of standard EN-17206.



Material: Steel

Silver or black
Other colors available upon request

Compatible towers: TK 3810 / TK 5010 /
TK 5315 / TK 5322 / TK 6422

Insertion tube diameter 35 mm



Calibration

Turn the threaded piece to calibrate the maximum load.



Overload

When the accessory detects overload, the red pivots are activated.

TA CART PL

Trolley for the transport of 8
TA 21 stage decks.

Steel profile 40 x 40 mm

Sizes: 1000 x 1066 x 990,7 mm

Black
Other colors available upon request

Foldable

Caster wheels, 2 with brakes



FK8-TR1

Transport system for U-Shaped frames

Steel

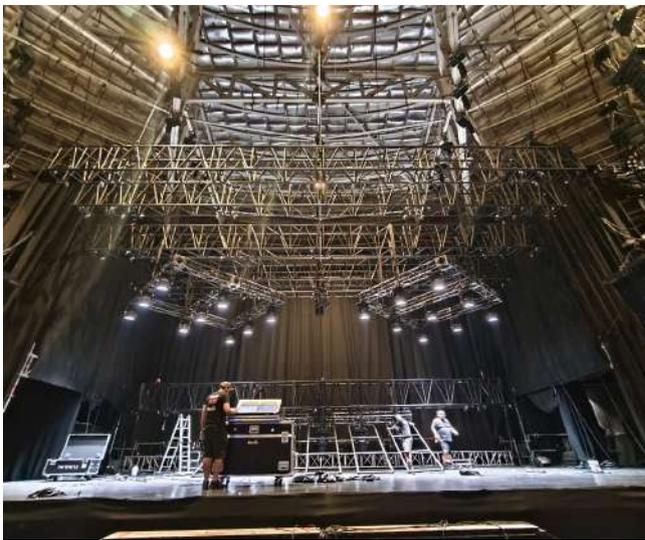
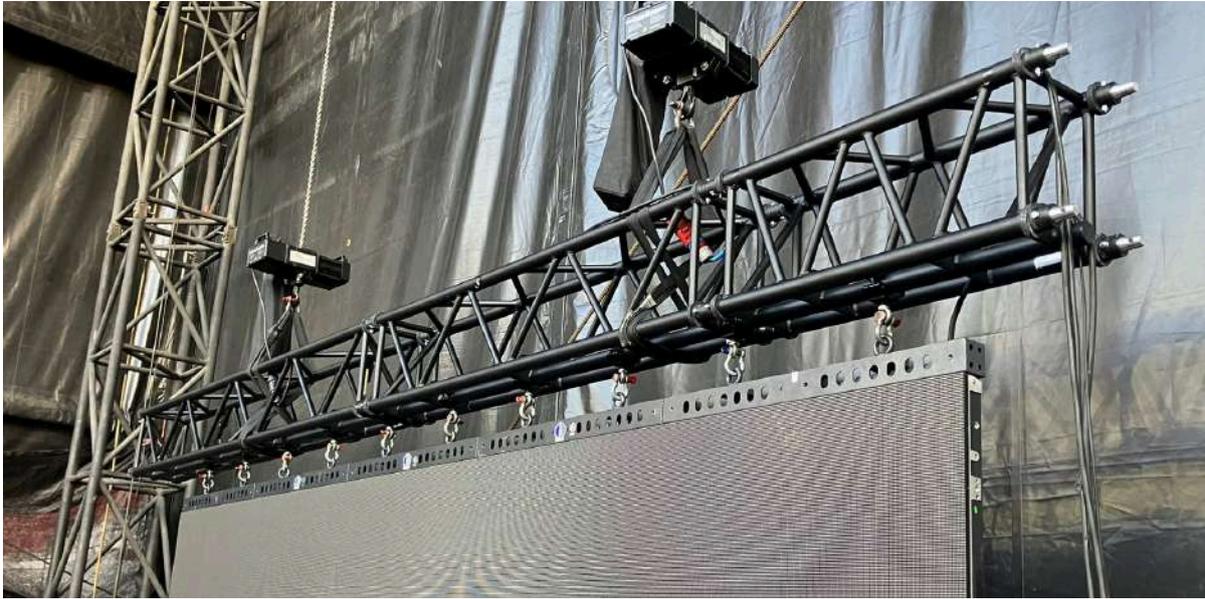
Black
Other colors available upon request

Detachable

Configurable

Caster wheels, 2 with brakes





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