

# FANTEK®

Raising the Standard  
NEW PRODUCTS 2026



# INDEX



Truss Towers

**GS 152** / 4

**VerMax 12** / 6

Truss

**FK35R H** / 8

**FK3040R H** / 10

**FPR SERIES** / 12

Top Loading Tower Accessory

**LSA T** / 15

Transport Carts

**TA CART PL** / 16

**FK8 TR1** / 16

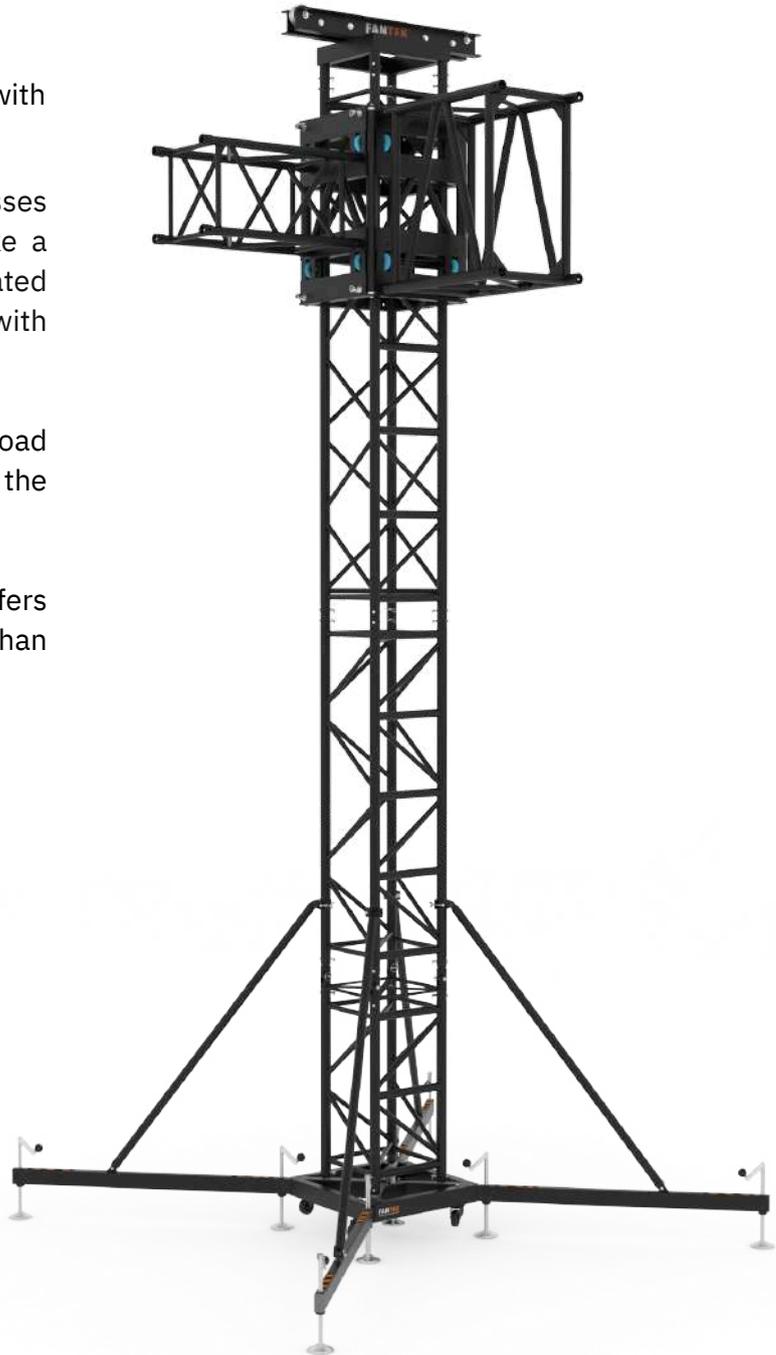
# GS 152

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.

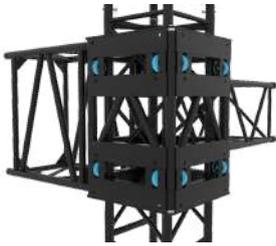
The welded structural carriage offers much greater precision and strength than conventional ones.



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



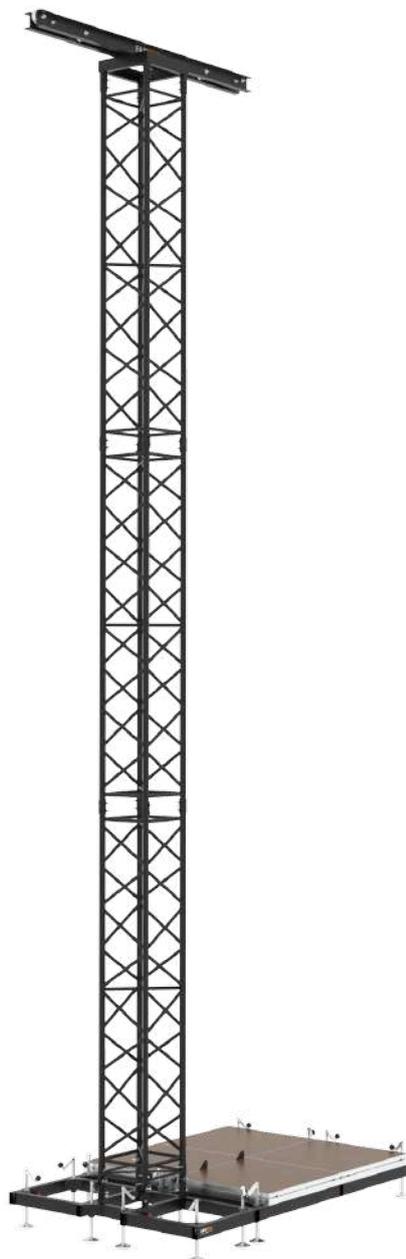
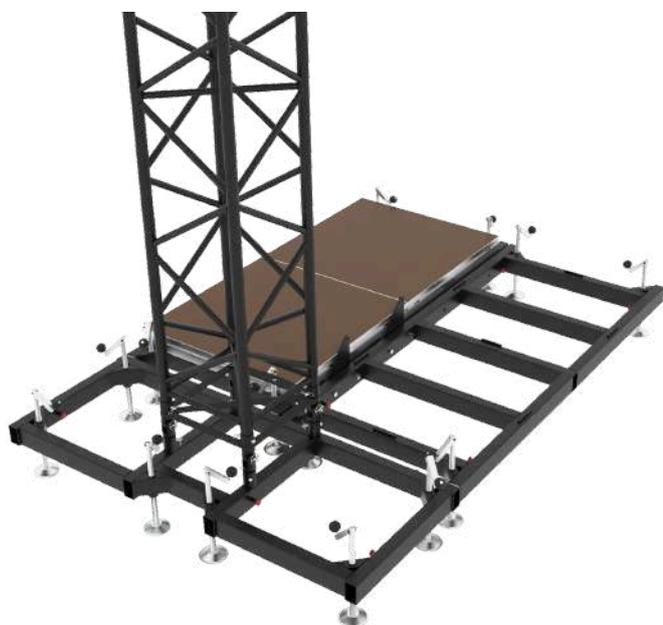
# VerMax 12

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



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

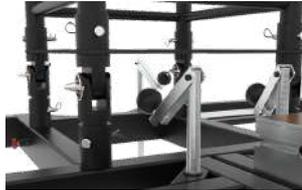


**Anchor points**

Engine anchor points

**Truss hinge**

To facilitate the assembly and lifting of the tower



**Leveling feet**

Absorbs ground irregularities



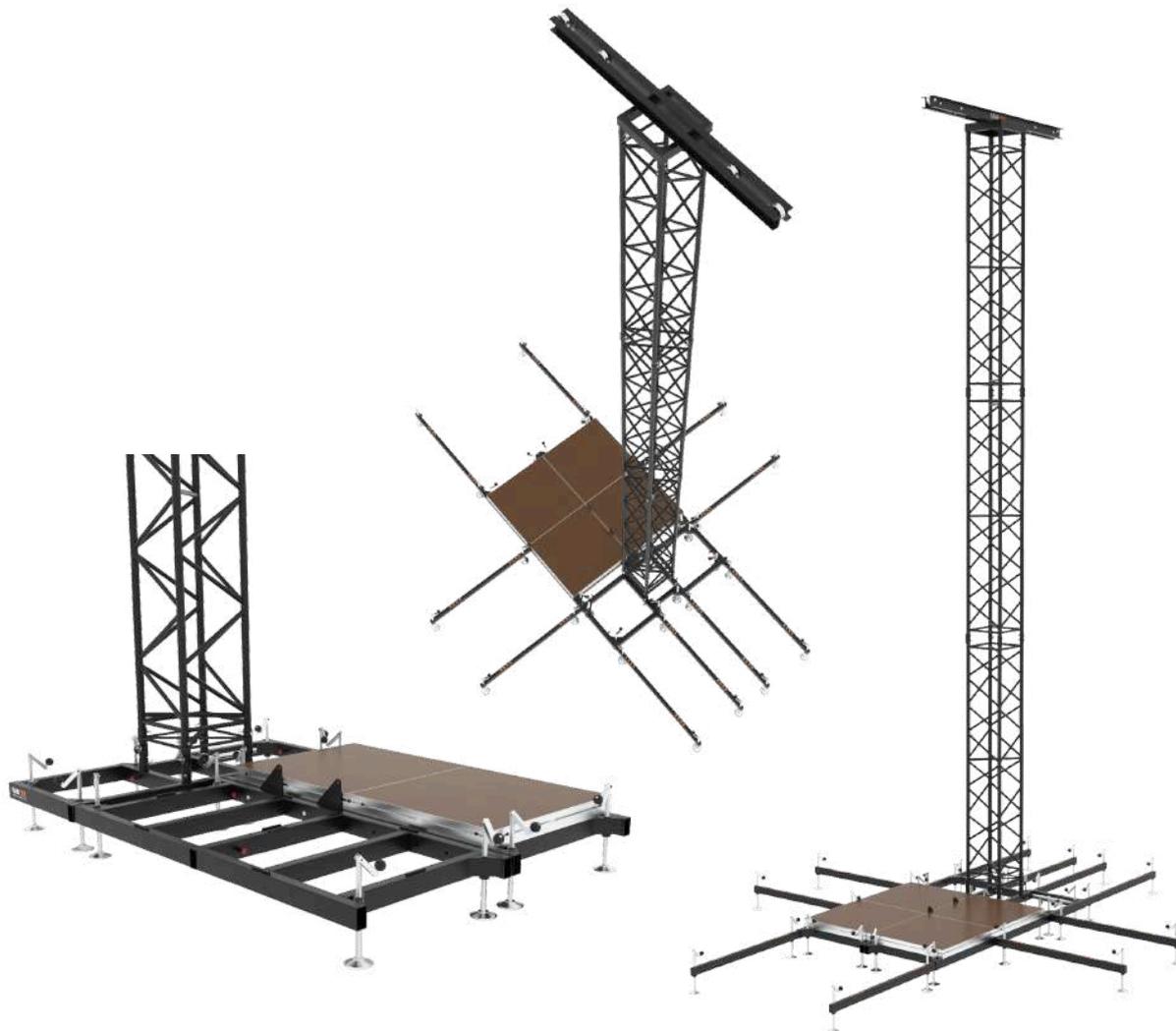
**Double pulley**

Double upper pulley for chain passage



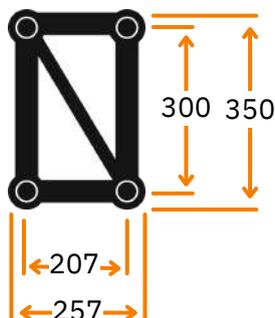
**Removable stage decks**

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



# FK35R H

Rectangular truss specially designed for assemblies with high load capacities.



<b>Main Tube Section</b>	50 x 4 mm / 1,97 x 0,16 in
<b>Main Tube Alloy</b>	EN AW 6082T6
<b>Braces Section</b>	25 x 3 mm / 0,98 x 0,12 in
<b>Braces Alloy</b>	EN AW 6082T6
<b>Coupling System</b>	CBC50
<b>Complies with</b>	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
<b>Weight</b>	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.

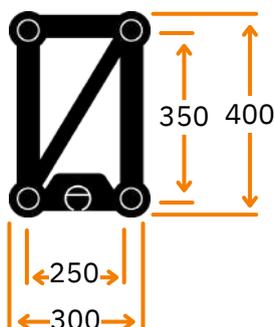
400 x 120 x 85 mm  
15,75 x 4,72 x 3,35 in

## 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: 3115679006



Management  
System  
ISO 9001:2015  
www.fan-tek.com  
E: 3115679006

<b>Main Tube Section</b>	50 x 4 mm / 1,97 x 0,16 in
<b>Main Tube Alloy</b>	EN AW 6082T6
<b>Braces Section</b>	25 x 3 mm / 0,98 x 0,12 in
<b>Braces Alloy</b>	EN AW 6082T6
<b>Coupling System</b>	CBC50
<b>Complies with</b>	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.

Central tube with rail, 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
<b>Weight</b>	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 750 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



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

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



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



**Central tube**  
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

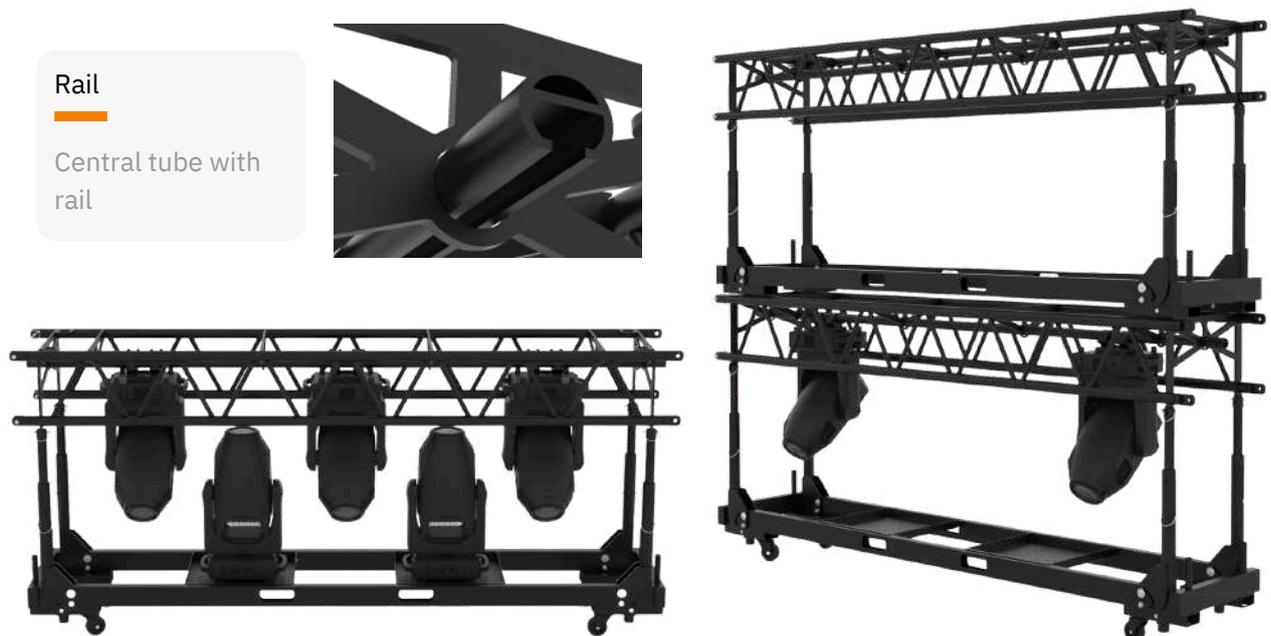


**Adjustable connectors**  
Allows connecting truss at an angle



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



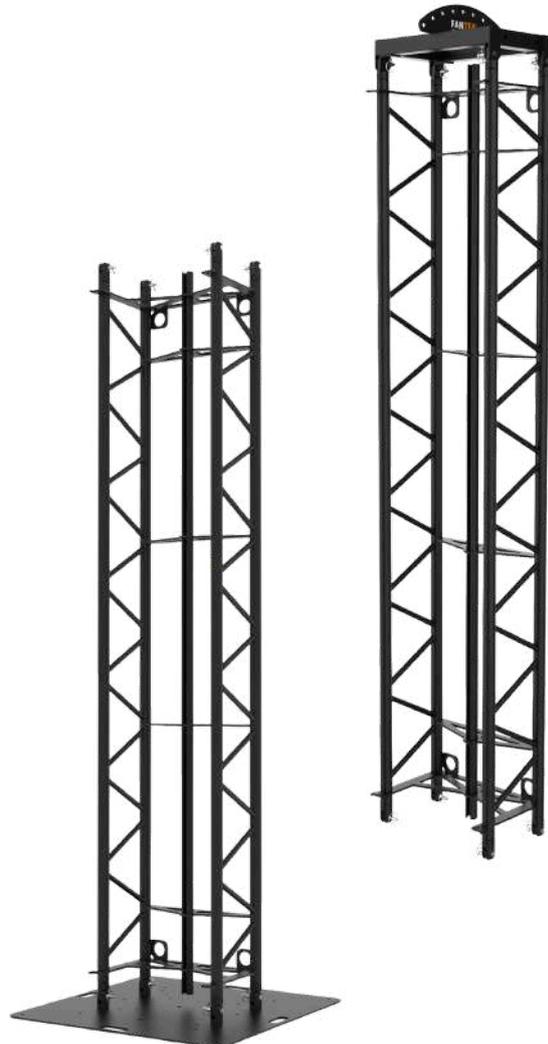
### FPR-RP1

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

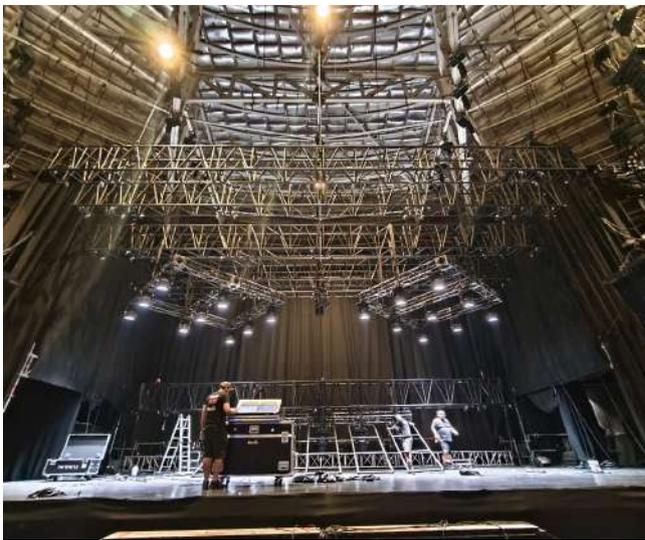
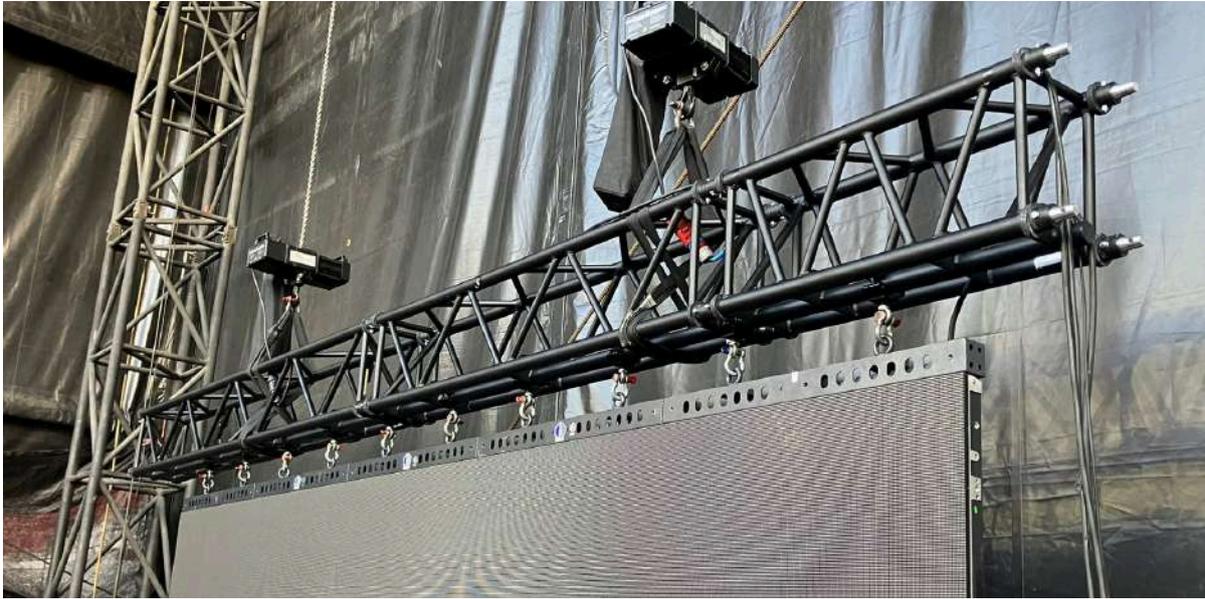
Black  
Other colors available upon request

Detachable

Configurable

Caster wheels, 2 with brakes









**FANTEK<sup>®</sup>**