



TRUSS ALUMINIUM FACTORY



Truss Aluminium Factory a.s. (TAF) has been in the aluminium trussing industry since 1998. The TAF company has established itself at the world market in the field of aluminium trussing production during that time as one of the production leaders of high quality aluminium trusses in the world.

Our trussing systems are sold worldwide as the top products on the market. Typical features of our products such as variability, lightness,

flexibility and user friendliness are the basic attributes that a good aluminium truss should have. TAF proudly supplies the market with products which go beyond these standard qualities.

The high-quality material together with strictly checked welding process, careful testing and high-standard packing make the TAF products what they are.





- TAF team consists of highly qualified and experienced professionals who are ready to help you with any requests regarding production, quality, engineering and customer service.

- Our high-standard customer service is our everyday commitment.

- We can help you out with any specific designs that you have in mind.

- Durable, flexible and versatile aluminium truss of any kind of connection type.

- We use the following types of aluminium alloy in our production EN-AW 6082 T6, EN-AW 6060 T66 for the trussing segments and EN-AW 2007 T4 for the CNC parts.

- All the material used in our production is properly certified and each delivery thoroughly checked.

COMPANY PROFILE

TAF USA



TAF USA, LLC has been in business for over 10 years and is quickly growing to be one of the largest distributors of aluminum trusses in America. Our goal is to serve our customers through the sale of high quality aluminum truss products and accessories.





We offer complete line of high quality aluminum truss systems in both traditional and unique styles. Our full line of products include multiple aluminum truss systems, truss towers, truss roofs, led frames, stages, crowd control barriers, truss exhibit designs, furniture and matching accessories.

All products are distributed from our 20 000 square feet warehouse facility in New Smyrna Beach, Florida. Our professional staff always make sure that stock is re-filled on regular bases to satisfy our customers demand for fast order shipments.



PRODUCTION



- Usage of semi-automatic cutting machines for cutting of the main tubes of the trussing segments and a fully automatic machines for cutting of (the) main tubes of the tubes for bracing gives us an advantage of speed and precision.



- There is nothing unusual in application of high-quality tooling for welding in TAF factory.



- All our products are carefully inspected for any defects, packed in 5-layer carton boxes, labeled and loaded to the truck. The system of triple control ensures that minimum defective pieces is dispatched from the factory.

CERTIFICATES



- Static Calculations are a necessary part of documentation for any trussing line manufactured at TAF and they are used by TÜV NORD and TÜV SÜD as essential documents for testing of our trussing segments. Custom projects should have static calculation attached in order to be assembled, used and managed properly.

$$\begin{aligned}
M_{11} &= \alpha \cdot \alpha = \alpha^2 & M_{12} &= -\alpha \cdot 1 = -\alpha & M_{21} &= 1 \cdot \alpha = \alpha & M_{22} &= 1 \cdot 1 = 1 \\
1.7 &= 0.1 \cdot 0.1 + 0.2 \cdot (-0.1) = 0.1(0.08 - 0.02) = 0.1(0.05) = 0.05000 \\
&&&&&& \\
&&+ \frac{\alpha}{1-\alpha} &= \frac{\alpha}{1-\alpha} + 3\alpha & & & \\
&&+ \frac{\alpha}{(1-\alpha)^2} &= 1.0000 + \frac{3\alpha}{(1-\alpha)^2} &= 1.33300 \\
&&&&&& \\
M_{11} &= 4 \cdot 4 \cdot 4 = 64 & M_{12} &= 4 \cdot 4 \cdot 1 = 16 & M_{21} &= 4 \cdot 1 \cdot 4 = 16 & M_{22} &= 1 \cdot 4 \cdot 4 = 16 \\
1.111 &= 1.7 \cdot 1.7 \cdot 1.7 = 4.9159 & 0.25000 &= 0.1 \cdot 0.1 \cdot 0.1 = 0.00100 & 0.8 &= 0.4 \cdot 0.4 \cdot 0.4 = 0.06400 & 1.0 &= 1.0 \cdot 1.0 \cdot 1.0 = 1.00000 \\
0.848 &= 0.8 \cdot 0.8 \cdot 0.8 = 0.51200 & 0.12500 &= 0.1 \cdot 0.1 \cdot 0.1 = 0.00100 & 0.9 &= 0.9 \cdot 0.9 \cdot 0.9 = 0.72900 & 1.1 &= 1.1 \cdot 1.1 \cdot 1.1 = 1.33100 \\
&&&&&&& \\
\pi &= 1 + \frac{1}{2} + \frac{1}{2^2} + \frac{1}{2^3} + \dots & \pi &= 1 + \frac{4.9159}{2} + \frac{4.9159}{2^2} + \frac{4.9159}{2^3} + \dots & 1.56650 &= \frac{1.56650}{0.00100} = 1566.50000 & 2.115 &= \frac{2.115}{0.00100} = 2115.00000
\end{aligned}$$

$$\begin{aligned} \text{Initial conditions: } & u(0) = 0, \quad v(0) = 0, \quad w(0) = 0, \quad \frac{d}{dt}w(0) = 0.02135 \times 10^6 \approx 1.2 \times 10^4 \\ \text{Boundary conditions: } & u(L, t) = 0, \quad v(L, t) = 0, \quad w(L, t) = 0, \quad \frac{d}{dt}w(L, t) = 0 \\ \text{Equation: } & \frac{\partial^2 u}{\partial x^2} - \frac{\partial^2 v}{\partial x^2} + \frac{\partial^2 w}{\partial x^2} = 0, \quad 0 \leq x \leq L, \quad 0 \leq t \leq T \\ \text{Boundary conditions: } & u(0, t) = 0, \quad v(0, t) = 0, \quad w(0, t) = 0, \quad \frac{d}{dt}w(0, t) = 0 \\ \text{Equation: } & \frac{\partial^2 u}{\partial x^2} - \frac{\partial^2 v}{\partial x^2} + \frac{\partial^2 w}{\partial x^2} = 0, \quad 0 \leq x \leq L, \quad 0 \leq t \leq T \\ \text{Initial conditions: } & u(x, 0) = 0, \quad v(x, 0) = 0, \quad w(x, 0) = 0, \quad \frac{d}{dt}w(x, 0) = 0 \\ \text{Boundary conditions: } & u(0, t) = 0, \quad v(0, t) = 0, \quad w(0, t) = 0, \quad \frac{d}{dt}w(0, t) = 0 \\ \text{Equation: } & \frac{\partial^2 u}{\partial x^2} - \frac{\partial^2 v}{\partial x^2} + \frac{\partial^2 w}{\partial x^2} = 0, \quad 0 \leq x \leq L, \quad 0 \leq t \leq T \\ \text{Initial conditions: } & u(0) = 0, \quad v(0) = 0, \quad w(0) = 0, \quad \frac{d}{dt}w(0) = 0.02135 \times 10^6 \approx 1.2 \times 10^4 \\ \text{Boundary conditions: } & u(L, t) = 0, \quad v(L, t) = 0, \quad w(L, t) = 0, \quad \frac{d}{dt}w(L, t) = 0 \\ \text{Equation: } & \frac{\partial^2 u}{\partial x^2} - \frac{\partial^2 v}{\partial x^2} + \frac{\partial^2 w}{\partial x^2} = 0, \quad 0 \leq x \leq L, \quad 0 \leq t \leq T \\ \text{Initial conditions: } & u(0) = 0, \quad v(0) = 0, \quad w(0) = 0, \quad \frac{d}{dt}w(0) = 0.02135 \times 10^6 \approx 1.2 \times 10^4 \\ \text{Boundary conditions: } & u(L, t) = 0, \quad v(L, t) = 0, \quad w(L, t) = 0, \quad \frac{d}{dt}w(L, t) = 0 \\ \text{Equation: } & \frac{\partial^2 u}{\partial x^2} - \frac{\partial^2 v}{\partial x^2} + \frac{\partial^2 w}{\partial x^2} = 0, \quad 0 \leq x \leq L, \quad 0 \leq t \leq T \end{aligned}$$



- TAF production follows the European harmonized standard EN 1090, which is the latest standard for manufacturing of steel and aluminum trusses. It means that our production process follows the highest European standards.



- TÜV certification of TAF trussing lines ensures the highest quality of TAF products and proves that our trussing segments can bear the loads shown in our loading tables.

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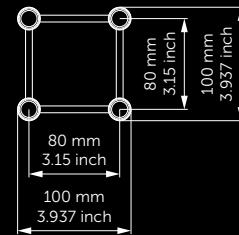
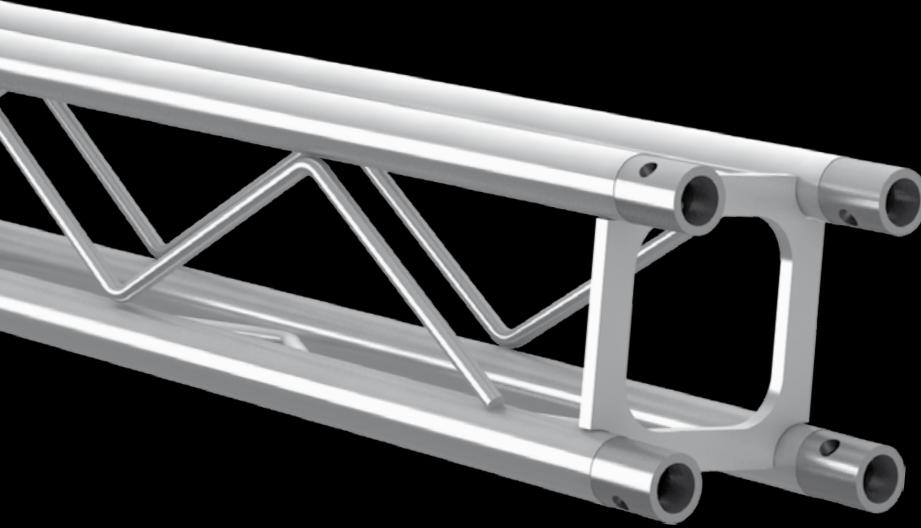
QUICKLOCK LINE

Quicklock line is defined by the quick-lock connection system. The greatest advantage of this type of connection lies in fast and easy assembly of the trusses while maintaining high level of strength and durability. This trussing system, also known as spigoted truss, represents the widest range of TAF aluminium trussing products in one connection type.

We offer several shapes of Quicklock line segments. Once you choose the shape that suits you best, you will see all the available trussing lines for the chosen shape. These lines differ in their dimensions as well as in the type of the main tube and braces constructing the traverses.



Quicklock Line Connection



SPECIFICATIONS

**TECH
SPECS**

TUBES	20x2 (0.8 x 0.08inch)
BRACES	6mm (0.24inch)
ALLOY	EN-AW 6082 T6

STRAIGHT SEGMENT LENGTHS

CODE	LENGTH	WEIGHT
FT14-50	0.5m	1.64ft
FT14-100	1m	3.28ft
FT14-150	1.5m	4.92ft
FT14-200	2m	6.56ft
FT14-250	2.5m	8.20ft
FT14-300	3m	9.84ft

LOADING TABLES

	2m	4m	6m	8m	10m
Distrib. Load [kg/m]	220	61	29	14	9
Deflection [mm]	12.1	41.5	91.7	155.7	261.1
Point load [kg]	147	93	69	52	44
Deflection [mm]	6.4	25.4	60.5	118.5	196.5
	6.56ft	13.12ft	19.68ft	26.24ft	32.81ft
Distrib. Load [lb/ft]	147.9	41	19.5	9.4	6
Deflection [inch]	0.5	1.6	3.6	6.1	10.3
Point load [lb]	324.1	205.1	152.1	114.7	97
Deflection [inch]	0.3	1	2.4	4.7	7.7

Loading tables are valid for static loads and spans with two supporting points.

Spans must be supported at each end.

Contact structural engineer if there are more supporting points applied or dynamic and wind loads involved.

**1004**

Base plate FT14

**1150**

Pin FT14

**1152**

Safety clip FT14

**1101**

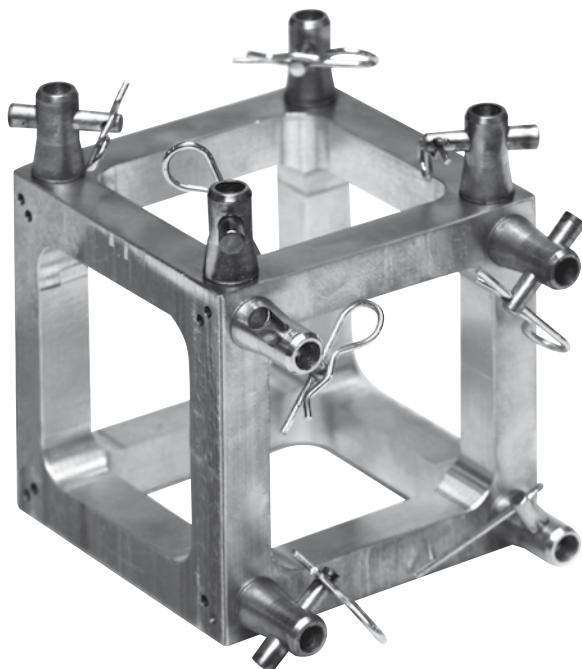
Connector FT14

**1116**

Halfconnector male steel FT14

**1124**

Conn. set FT14

**FT14-MCB**0.6kg (1.30lb)
universal junction box
0.1m (0.33ft)

Includes 2 connection sets for two ways.

QUICKLOCK LINE

FT21 single



SPECIFICATIONS

TECH SPECS

TUBES	35x2 (1.4 x 0.08inch)
ALLOY	EN-AW 6060 T66

STRAIGHT SEGMENT LENGTHS

CODE	LENGTH	WEIGHT
FT21-50	0.5m	1.64ft
FT21-100	1m	3.28ft
FT21-150	1.5m	4.92ft
FT21-200	2m	6.56ft
		0.3kg
		1.35lb
		0.9kg
		1.97lb
		1.2kg
		2.59lb

LOADING TABLES

	1m	2m	3m	4m
Distrib. Load [kg/m]	113	28	13	7
Deflection [mm]	7.4	29.7	66.7	118.6
Point load [kg]	56	28	19	14
Deflection [mm]	5.9	23.7	53.4	94.9
	3.28ft	6.56ft	9.84ft	13.12ft
Distrib. Load [lb/ft]	75.9	18.8	8.7	4.7
Deflection [inch]	0.3	1.2	2.6	4.7
Point load [lb]	123.5	61.7	41.9	30.9
Deflection [inch]	0.2	0.9	2.1	3.7

Loading tables are valid for static loads and spans with two supporting points.

Spans must be supported at each end.

Contact structural engineer if there are more supporting points applied or dynamic and wind loads involved.

- The FT21 single tubes are used only for decorations and design purposes.

**FT21-C19**

0.6kg (1.35lb)
2-way 45° corner
0.5m (1.64ft)

FT21-C20

0.6kg (1.35lb)
2-way 60° corner
0.5m (1.64ft)

FT21-C21

0.6kg (1.35lb)
2-way 90° corner
0.5m (1.64ft)

**FT21-C22**

0.6kg (1.35lb)
2-way 120° corner
0.5m (1.64ft)

FT21-C23

0.6kg (1.35lb)
2-way 135° corner
0.5m (1.64ft)

FT21-T35

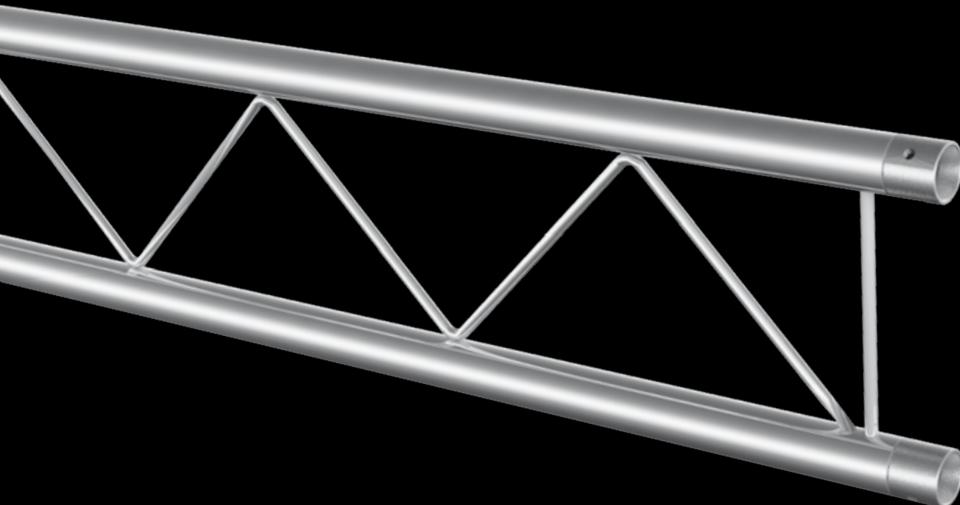
0.6kg (1.38lb)
3-way T-junction
0.5m (1.64ft)



#2191

Multi junction cube





SPECIFICATIONS

TECH SPECS

TUBES	35x2 (1.4 x 0.08inch)
BRACES	8mm (0.3inch)
ALLOY	EN-AW 6060 T66

STRAIGHT SEGMENT LENGTHS

CODE	LENGTH	WEIGHT		
FT22-50	0.5m	1.64ft	0.8kg	1.75lb
FT22-75	0.75m	2.46ft	1.1kg	2.45lb
FT22-100	1m	3.28ft	1.3kg	2.80lb
FT22-150	1.5m	4.92ft	2.1kg	4.62lb
FT22-200	2m	6.56ft	2.8kg	6.10lb
FT22-250	2.5m	8.20ft	3.4kg	7.54lb
FT22-300	3m	9.84ft	4.1kg	8.98lb
FT22-350	3.5m	11.48ft	4.7kg	10.44lb
FT22-400	4m	13.12ft	5.4kg	11.88lb

LOADING TABLES

	2m	3m	4m	6m	8m	10m
Distrib. Load [kg/m]	101	67	48	21	11	7
Deflection [mm]	0.9	2.9	6.6	15.5	27.7	43.6
Point load [kg]	196	129	96	63	44	33
Deflection [mm]	1.3	3	5.4	12.6	22.9	36.7
	6.56ft	9.84ft	13.12ft	19.68ft	26.24ft	32.81ft
Distrib. Load [lb/ft]	67.9	45	32.3	14.1	7.4	4.7
Deflection [inch]	0.04	0.1	0.3	0.6	1.1	1.7
Point load [lb]	432.2	284.4	211.7	138.9	97	72.8
Deflection [inch]	0.1	0.1	0.2	0.5	0.9	1.4

Loading tables are valid for static loads and spans with two supporting points.

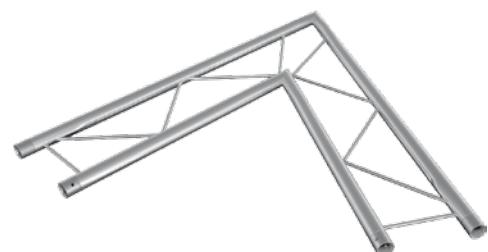
Spans must be supported at each end.

Contact structural engineer if there are more supporting points applied or dynamic and wind loads involved.

The listed loads are verified for simply supported beam.

The truss needs to be secured against horizontal movement every 1m for the loading tables to be valid.

CORNERS

**FT22-C19-H**

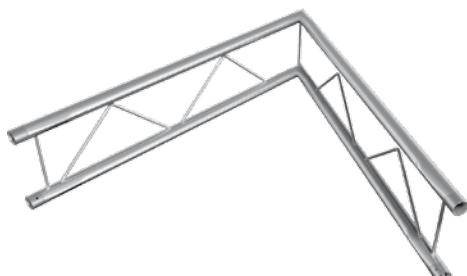
2.1kg (4.68lb)
2-way 45° corner horizontal
1m (3.28ft)

FT22-C19-V

2.7kg (5.90lb)
2-way 45° corner vertical
1m (3.28ft)

FT22-C20-H

2.3kg (5.05lb)
2-way 60° corner horizontal
1m (3.28ft)

**FT22-C20-V**

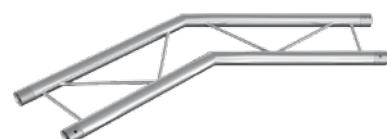
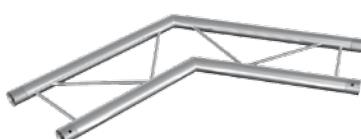
2.7kg (5.90lb)
2-way 60° corner vertical
1m (3.28ft)

FT22-C21-H

1.2kg (2.61lb)
2-way 90° corner horizontal
0.5m (1.64ft)

FT22-C21-V

1.4kg (3.12lb)
2-way 90° corner vertical
0.5m (1.64ft)

**FT22-C22-H**

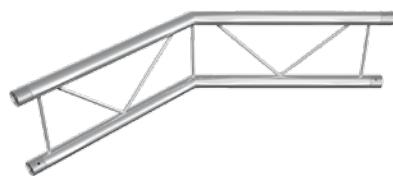
1.3kg (2.80lb)
2-way 120° corner horizontal
0.5m (1.64ft)

FT22-C22-V

1.4kg (3.07lb)
2-way 120° corner vertical
0.5m (1.64ft)

FT22-C23-H

1.3kg (2.88lb)
2-way 135° corner horizontal
0.5m (1.64ft)



FT22-C23-V



1.4kg (3.12lb)
2-way 135° corner vertical
0.5m (1.64ft)

FT22-C30-H



1.9kg (4.09lb)
3-way 90° corner horizontal
0.5m (1.64ft)

FT22-C30-V



1.8kg (4.07lb)
3-way 90° corner vertical
0.5m (1.64ft)



FT22-T35-H



1.2kg (2.66lb)
3-way horizontal T-junction
0.5m (1.64ft)

FT22-T35-V



1.4kg (3.19lb)
3-way vertical T-junction
0.5m (1.64ft)

FT22-C41-H



1.3kg (2.78lb)
4-way horizontal cross junction
0.5m (1.64ft)



FT22-C41-V



1.5kg (3.39lb)
4-way vertical cross junction
0.5m (1.64ft)

FT22-T42-H



1.9kg (4.14lb)
4-way horizontal T-junction
0.5m (1.64ft)

FT22-T42-V



1.9kg (4.14lb)
4-way vertical T-junction
0.5m (1.64ft)

**FT22-C44-H**

1.9kg (4.28lb)
4-way 90 corner vertical
0.5m (1.64ft)

FT22-C44-V

1.9kg (4.19lb)
4-way 90 corner vertical
0.5m (1.64ft)

**FT22-CH**

Circle horizontal
various diameters

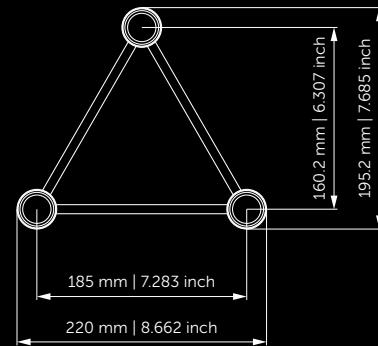
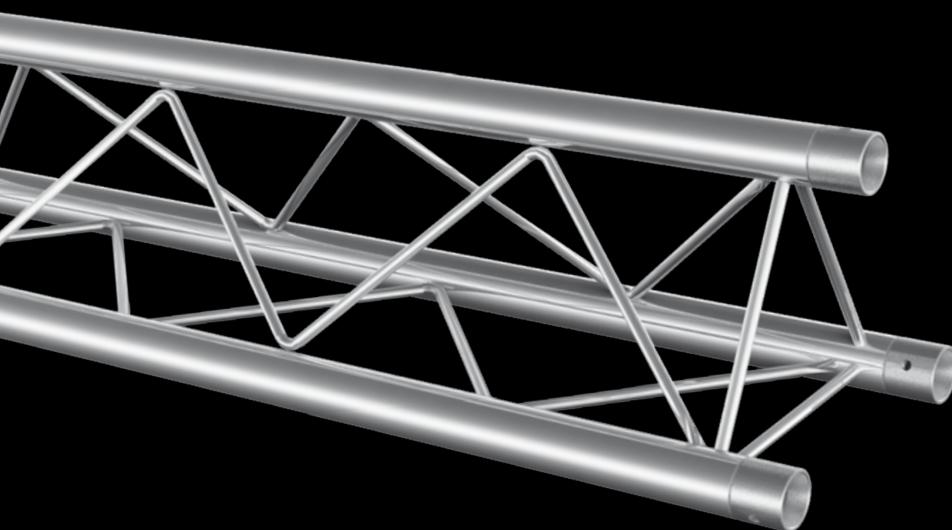
FT22-CV

Circle vertical
various diameters



QUICKLOCK LINE

FT23 triangle



SPECIFICATIONS

TECH SPECS

TUBES	35x2 (1.4 x 0.08inch)
BRACES	8mm (0.3inch)
ALLOY	EN-AW 6060 T66

STRAIGHT SEGMENT LENGTHS

CODE	LENGTH	WEIGHT	
FT23-50	0.5m	1.64ft	1.4kg
FT23-75	0.75m	2.46ft	2.1kg
FT23-100	1m	3.28ft	2.5kg
FT23-125	1.25m	4.10ft	3.2kg
FT23-150	1.5m	4.92ft	3.6kg
FT23-200	2m	6.56ft	4.8kg
FT23-250	2.5m	8.20ft	5.9kg
FT23-300	3m	9.84ft	7.0kg
FT23-325	3.25m	10.66ft	7.8kg
FT23-350	3.5m	11.48ft	8.2kg
FT23-375	3.75m	12.30ft	8.9kg
FT23-400	4m	13.12ft	9.3kg

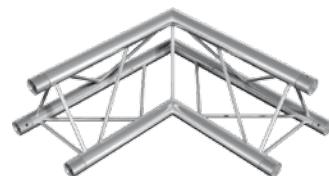
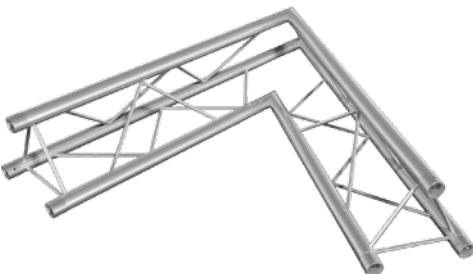
LOADING TABLES

	2m	3m	4m	6m	8m	10m
Distrib. Load [kg/m]	175	114	64	27	14	8
Deflection [mm]	1.5	4.9	8.9	20.1	36	56.8
Point load [kg]	262	171	127	81	56	41
Deflection [mm]	1.8	4	7.2	16.5	30	48.3
	6.56ft	9.84ft	13.12ft	19.68ft	26.24ft	32.81ft
Distrib. Load [lb/ft]	117.6	76.6	43	18.1	9.4	5.4
Deflection [inch]	0.1	0.2	0.4	0.8	1.4	2.2
Point load [lb]	577.7	377.1	280	178.6	123.5	90.4
Deflection [inch]	0.1	0.2	0.3	0.6	1.2	1.9

Loading tables are valid for static loads and spans with two supporting points.

Spans must be supported at each end.

Contact structural engineer if there are more supporting points applied or dynamic and wind loads involved.

CORNERS**FT23-C19**

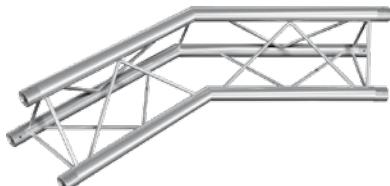
3.5kg (7.64lb)
2-way 45° corner
1m (3.28ft)

FT23-C20

3.8kg (8.39lb)
2-way 60° corner
1m (3.28ft)

FT23-C21

2.0kg (4.45lb)
2-way 90° corner apex up/
down
0.5m (1.64ft)

**FT23-C22**

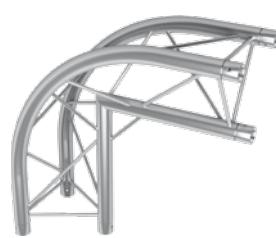
2.2kg (4.80lb)
2-way 120° corner
0.5m (1.64ft)

FT23-C23

2.2kg (4.80lb)
2-way 135° corner
0.5m (1.64ft)

FT23-C24

1.9kg (4.29lb)
2-way 90° apex out
0.5m (1.64ft)

**FT23-C24-R**

1.9kg (4.10lb)
2-way 90° corner apex out
rounded
0.5m (1.64ft)

FT23-C25

2.2kg (4.81lb)
2-way 90° corner apex in
0.5m (1.64ft)

FT23-C25-R

2.0kg (7.09lb)
2-way 90° corner apex in
rounded
0.5m (1.64ft)

QUICKLOCK LINE

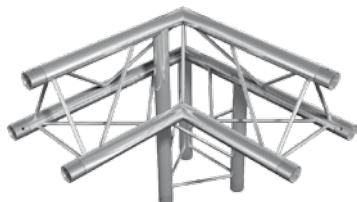
FT23 triangle

**FT23-C30**

3.2 kg (7.09lb)

3-way 90° corner apex down universal

0.5m (1.64ft)

**FT23-C31**

2.9kg (6.34lb)

3-way 90° corner apex up right

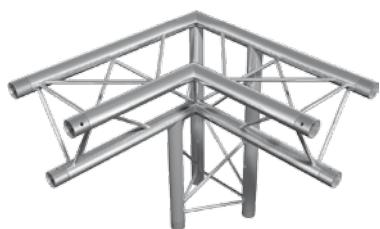
0.5m (1.64ft)

**FT23-C32**

2.9kg (6.34lb)

3-way 90° corner apex up left

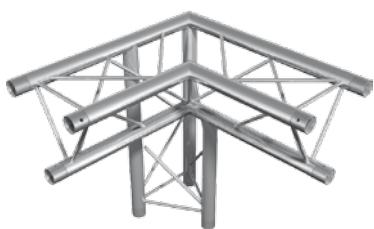
0.5m (1.64ft)

**FT23-C33**

3.0kg (6.58lb)

3-way 90° corner apex down right

0.5m (1.64ft)

**FT23-C34**

3.0kg (6.58lb)

3-way 90° corner apex down left

0.5m (1.64ft)

**FT23-T35**

2.5kg (5.49lb)

3-way vertical T-junction apex down

0.5m (1.64ft)

**FT23-T36**

2.1kg (4.65lb)

3-way horizontal T-junction

0.5m (1.64ft)

**FT23-T37**

2.2kg (4.83lb)

3-way vertical T-junction apex up

0.5m (1.64ft)

**FT23-T38**

2.3kg (5.03lb)

3-way vertical T-junction apex down

0.5m (1.64ft)

**FT23-T39**

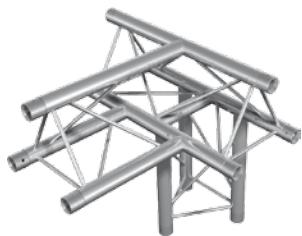
2.2kg (4.83lb)
3-way vertical T-junction
0.5m (1.64ft)

**FT23-C41**

2.4kg (5.22lb)
4-way cross junction
0.5m (1.64ft)

**FT23-T42**

3.1kg (6.82lb)
4-way T-junction apex down
0.5m (1.64ft)

**FT23-T43**

3.0kg (6.55lb)
4-way T-junction apex up
0.5m (1.64ft)

**FT23-C44**

3.2kg (6.95lb)
4-way 90° corner right
0.5m (1.64ft)

**FT23-C45**

3.2kg (6.95lb)
4-way 90° corner left
0.5m (1.64ft)

**FT23-T51**

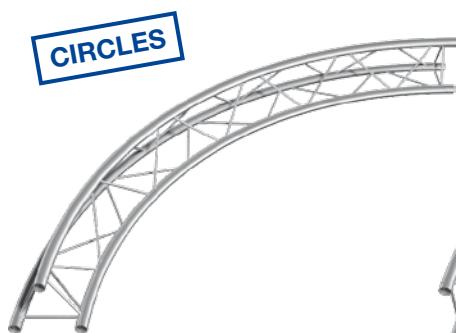
3.2kg (7.15lb)
5-way T-junction apex down
0.5m (1.64ft)

**FT23-C52**

3.4kg (7.45lb)
5-way cross junction apex up
0.5m (1.64ft)

**FT23-C53**

3.3kg (7.32lb)
5-way cross junction apex down
0.5m (1.64ft)



FT23-C1



apex up/down



FT23-C2



apex in



FT23-C3



apex out

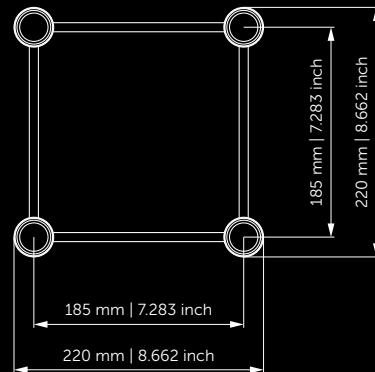
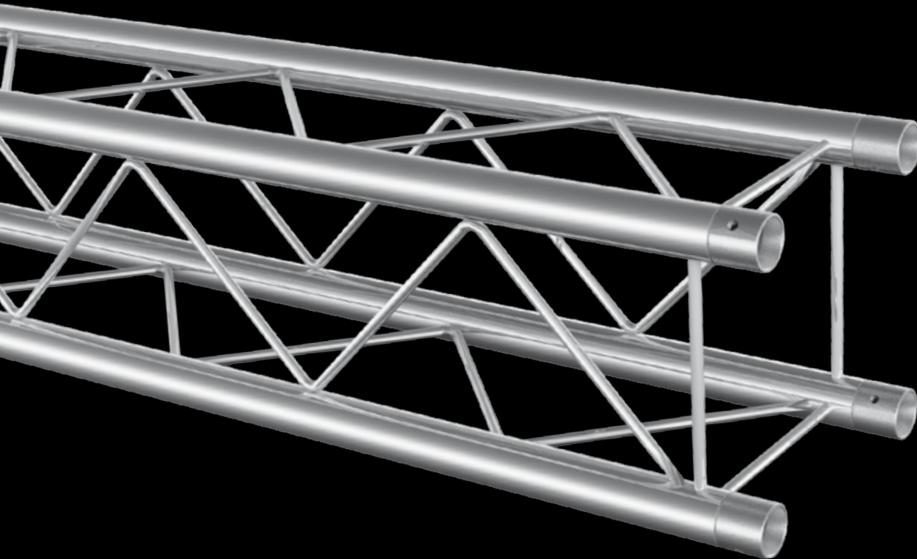
Various types of colored powder coating are available for any type of trussing line. Available in RAL range. See samples below.





QUICKLOCK LINE

FT24 box



SPECIFICATIONS

TECH SPECS

TUBES	35x2 (1.4 x 0.08inch)
BRACES	8mm (0.3inch)
ALLOY	EN-AW 6060 T66

STRAIGHT SEGMENT LENGTHS

CODE	LENGTH	WEIGHT
FT24-50	0.5m	1.64ft
FT24-100	1m	3.28ft
FT24-150	1.5m	4.92ft
FT24-200	2m	6.56ft
FT24-250	2.5m	8.20ft
FT24-300	3m	9.84ft
FT24-350	3.5m	11.48ft
FT24-400	4m	13.12ft

LOADING TABLES

	2m	3m	4m	6m	8m	10m
Distrib. Load [kg/m]	202	134	100	65	35	21
Deflection [mm]	0.9	2.9	6.9	23.1	41.3	64.8
Point load [kg]	405	354	286	195	141	107
Deflection [mm]	1.4	4.1	7.9	18.7	33.7	53.6
	6.56ft	9.84ft	13.12ft	19.68ft	26.24ft	32.81ft
Distrib. Load [lb/ft]	135.8	90.1	67.2	43.7	23.5	14.1
Deflection [inch]	0	0.1	0.3	0.9	1.6	2.6
Point load [lb]	893	780.6	630.6	430	310.9	235.9
Deflection [inch]	0.1	0.2	0.3	0.7	1.3	2.1

Loading tables are valid for static loads and spans with two supporting points.

Spans must be supported at each end.

Contact structural engineer if there are more supporting points applied or dynamic and wind loads involved.

CORNERS**FT24-C19**

4.8kg (10.49lb)
2-way 45° corner
1m (3.28ft)

**FT24-C20**

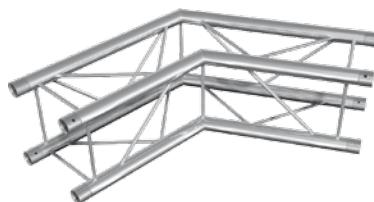
5.1kg (11.26lb)
2-way 60° corner
1m (3.28ft)

**FT24-C21**

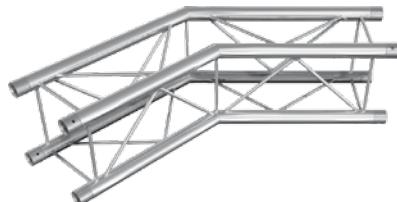
2.7kg (5.92lb)
2-way 90° corner
0.5m (1.64ft)

**FT24-C21-R**

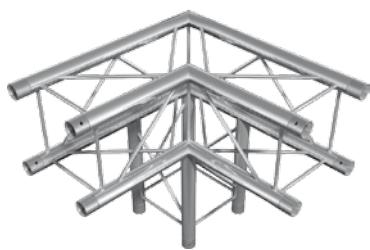
2.5kg (5.45lb)
2-way 90° corner rounded
0.5m (1.64ft)

**FT24-C22**

2.9kg (6.31lb)
2-way 120° corner
0.5m (1.64ft)

**FT24-C23**

3.0kg (6.58lb)
2-way 135° corner
0.5m (1.64ft)

**FT24-C30**

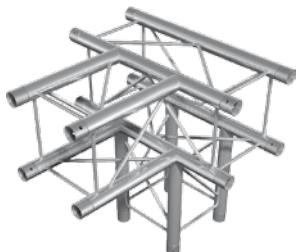
3.7kg (8.07lb)
3-way 90° corner
0.5m (1.64ft)

**FT24-T35**

2.7kg (6.05lb)
3-way T-junction
0.5m (1.64ft)

**FT24-C41**

2.8kg (6.24lb)
4-way cross junction
0.5m (1.64ft)



FT24-T42



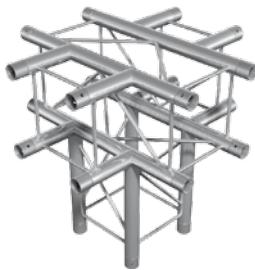
3.7kg (8.19lb)



4-way 90° corner



0.5m (1.64ft)



FT24-C55



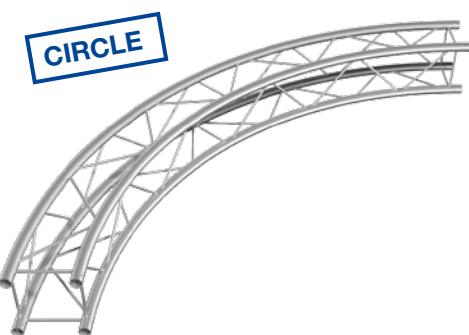
3.8kg (8.38lb)



5-way T-junction



0.5m (1.64ft)



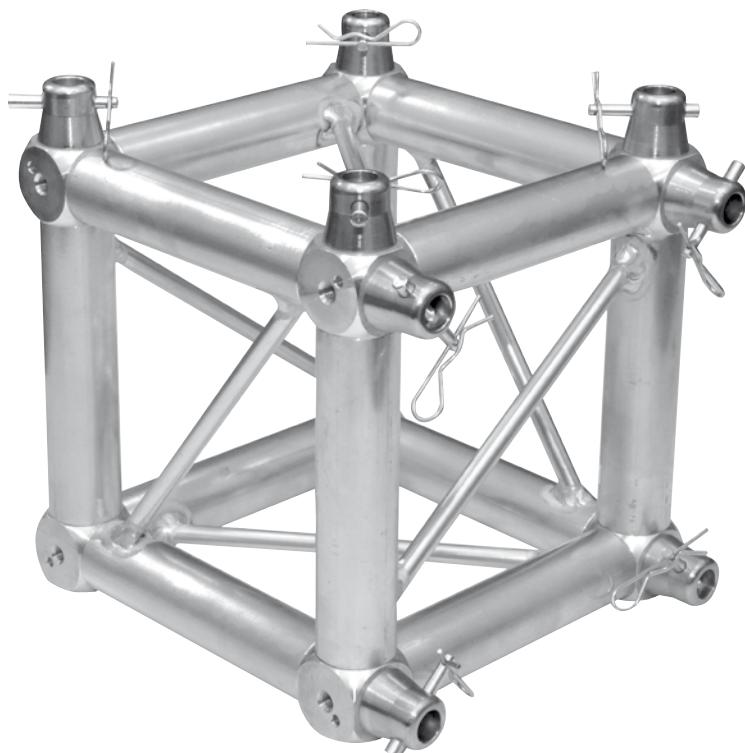
CIRCLE

FT24-C



Circle

various diameters



FT24-MCB



3.8kg (8.42lb)



Universal junction box

0.22m (0.72ft)

Includes 2 connection sets for two ways.





#2112

Connection set FT21



#2124

Connection set FT22



#2135

Connection set FT23



#2146

Connection set FT24



#2101

Conical connector diam. 30mm
(1.18") FT21–24



#2150

Pin FT21–24



#2152

Safety clip FT21–24



#2110

Halfconnector male aluminium
with thread M8 FT21–24



#2116

Steel halfconnector FT21–24



#2151

Steel pin with threat FT21-24



#2109

Endcap FT21-24



#2002

Base plate for FT23 male

#2002/W

Wall plate for FT23 male



#2003

Base plate for FT24 male



#2004

Base plate for FT22 male



#3005

Universal base plate; aluminium
3x1ft; FT23, FT24, FT33, HT33,
FT34, HT34

#2003/W

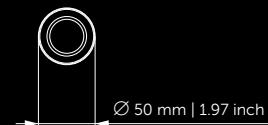
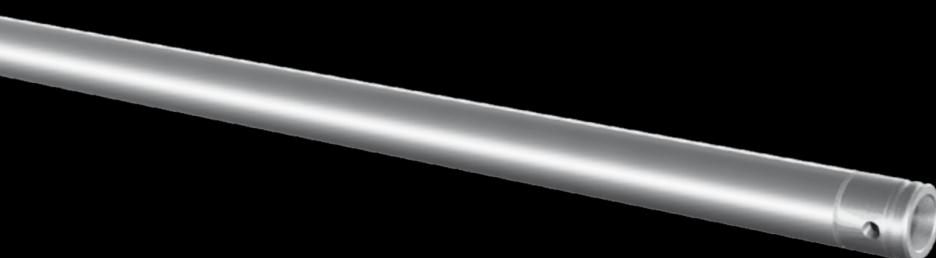
Wall plate for FT24 male

#2004/W

Wall plate for FT22 male

QUICKLOCK LINE

FT31 single



SPECIFICATIONS

TECH
SPECS

TUBES	50x2mm (2 x 0.08inch)
ALLOY	EN-AW 6082 T6

STRAIGHT SEGMENT LENGTHS

CODE	LENGTH	WEIGHT
FT31-50	0.5m	1.64ft
FT31-100	1m	3.28ft
FT31-150	1.5m	4.92ft
FT31-200	2m	6.56ft
FT31-250	2.5m	8.20ft
FT31-300	3m	9.84ft

LOADING TABLES

	1m	2m	3m	4m
Distrib. Load [kg/m]	438	109	49	27
Deflection [mm]	9.4	37.4	84.2	149.7
Point load [kg]	219	109	73	55
Deflection [mm]	7.5	29.9	67.4	119.8
	3.28ft	6.56ft	9.84ft	13.12ft
Distrib. Load [lb/ft]	294.4	73.3	32.9	18.1
Deflection [inch]	0.4	1.5	3.3	5.9
Point load [lb]	482.9	240.3	161	121.3
Deflection [inch]	0.3	1.2	2.7	4.7

Loading tables are valid for static loads and spans with two supporting points.

Spans must be supported at each end.

Contact structural engineer if there are more supporting points applied or dynamic and wind loads involved.

CORNERS

**FT31-C19**

1.1kg (2.46lb)
2-way 45° corner
0.5m (1.64ft)

FT31-C20

1.1kg (2.46lb)
2-way 60° corner
0.5m (1.64ft)

FT31-C21

1.1kg (2.46lb)
2-way 90° corner
0.5m (1.64ft)

**FT31-C22**

1.1kg (2.46lb)
2-way 120° corner
0.5m (1.64ft)

FT31-C23

1.1kg (2.46lb)
2-way 135° corner
0.5m (1.64ft)

**#3191**

Multi junction cube

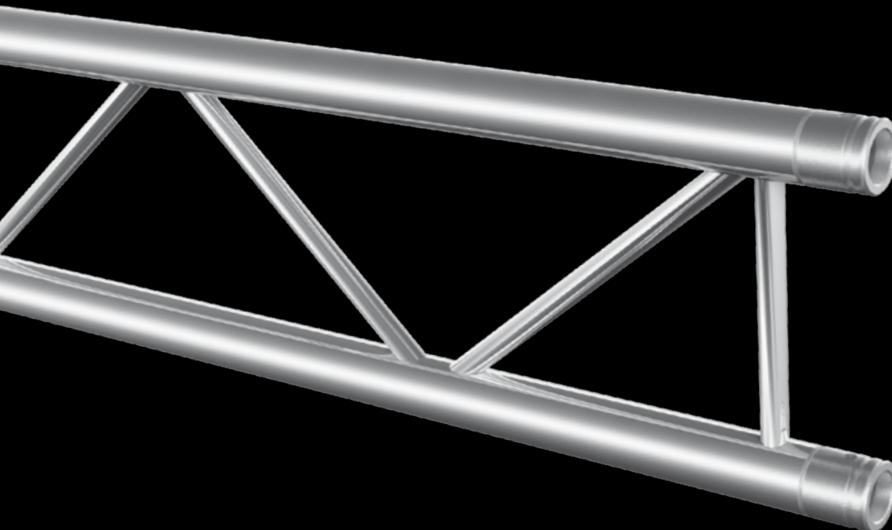
**#3192**

Multi junction cube 120°

**#3193**

Multi junction cube 135°

QUICKLOCK LINE FT32 / HT32 double



SPECIFICATIONS FT32



TUBES	50x2mm (2 x 0.08inch)
BRACES	20x2mm (0.8 x 0.08inch)
ALLOY	EN-AW 6082 T6



SPECIFICATIONS HT32



TUBES	50x3mm (2 x 0.12inch)
BRACES	20x2mm (0.8 x 0.08inch)
ALLOY	EN-AW 6082 T6

STRAIGHT SEGMENT LENGTHS FT32

CODE	LENGTH	WEIGHT
FT32-50	0.5m	1.64ft
FT32-75	0.75m	2.46ft
FT32-100	1m	3.28ft
FT32-150	1.5m	4.92ft
FT32-200	2m	6.56ft
FT32-250	2.5m	8.20ft
FT32-300	3m	9.84ft
FT32-350	3.5m	11.48ft
FT32-400	4m	13.12ft
FT32-450	4.5m	14.76ft
FT32-500	5m	16.40ft

STRAIGHT SEGMENT LENGTHS HT32

CODE	LENGTH	WEIGHT
HT32-50	0.5m	1.64ft
HT32-75	0.75m	2.46ft
HT32-100	1m	3.28ft
HT32-150	1.5m	4.92ft
HT32-200	2m	6.56ft
HT32-250	2.5m	8.20ft
HT32-300	3m	9.84ft
HT32-350	3.5m	11.48ft
HT32-400	4m	13.12ft
HT32-450	4.5m	14.76ft
HT32-500	5m	16.40ft

LOADING TABLES FT32 / HT32

	2m		4m		6m		8m		10m		12m	
Distrib. Load [kg/m]	673	710	166	254	76	115	43	64	27	40	18	27
Deflection [mm]	2.3	1.7	9.3	9.6	21.9	22.3	39.8	40.4	63.7	64.2	94	94.1
Point load [kg]	673	1027	333	508	228	344	170	256	135	202	110	165
Deflection [mm]	1.9	1.9	7.4	7.7	17.6	18	32.3	32.8	52.5	52.5	77.7	77.5
	6.56ft		13.12ft		19.68ft		26.24ft		32.81ft		39.37ft	
Distrib. Load [lb/ft]	452.3	477.2	111.6	170.7	51.1	77.3	28.9	43	18.1	26.9	12.1	18.1
Deflection [inch]	0.1	0.1	0.4	0.4	0.9	0.9	1.6	1.6	2.5	2.5	3.7	3.7
Point load [lb]	1484	2264.5	734.3	1120.1	502.7	758.5	374.9	564.5	297.7	445.4	242.6	363.8
Deflection [inch]	0.1	0.1	0.3	0.3	0.7	0.7	1.3	1.3	2.1	2.1	3.1	3.1

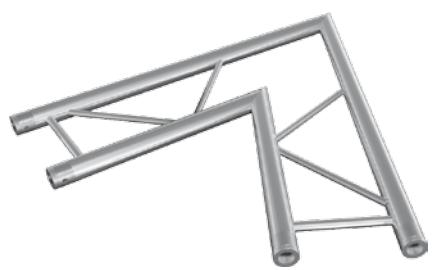
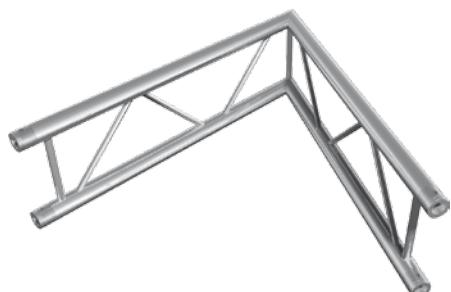
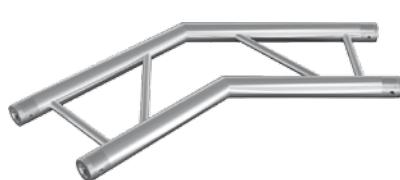
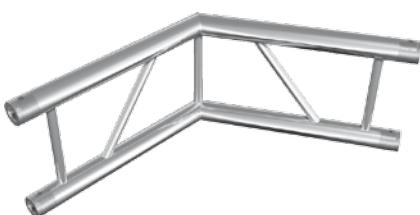
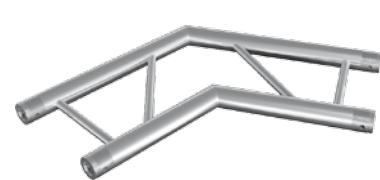
Loading tables are valid for static loads and spans with two supporting points.

Spans must be supported at each end.

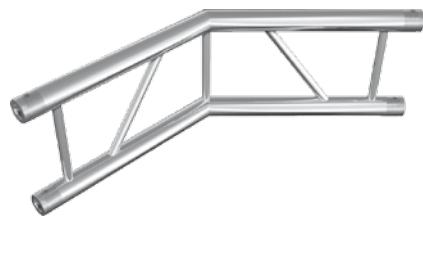
Contact structural engineer if there are more supporting points applied or dynamic and wind loads involved.

The listed loads are verified for simply supported beam.

The truss needs to be secured against horizontal movement every 1m for the loading tables to be valid.

CORNERS**FT32-C19-H**4.0kg
(8.81lb)2-way 45° corner horizontal
1m (3.28ft)**HT32-C19-H**5.2kg
(11.57lb)**FT32-C19-V**4.6kg
(10.09lb)2-way 45° corner vertical
1m (3.28ft)**HT32-C19-V**6.0kg
(13.19lb)**FT32-C20-H**3.8kg
(8.28lb)2-way 60° corner horizontal
1m (3.28ft)**HT32-C20-H**4.8kg
(10.69lb)**FT32-C20-V**4.6kg
(10.09lb)2-way 60° corner vertical
1m (3.28ft)**HT32-C20-V**6.0kg
(13.19lb)**FT32-C21-H**2.2kg
(4.80lb)2-way 90° corner horizontal
0.5m (1.64ft)**HT32-C21-H**2.7kg
(5.86lb)**FT32-C21-V**2.6kg
(5.69lb)2-way 90° corner vertical
0.5m (1.64ft)**HT32-C21-V**3.2kg
(7.12lb)**FT32-C22-H**2.3kg
(5.05lb)2-way 120° corner
horizontal
0.5m (1.64ft)**HT32-C22-H**2.8kg
(6.25lb)**FT32-C22-V**2.6kg
(5.68lb)2-way 120° corner vertical
0.5m (1.64ft)**HT32-C22-V**3.2kg
(7.12lb)**FT32-C23-H**2.4kg
(5.19lb)2-way 135° corner
horizontal
0.5m (1.64ft)**HT32-C23-H**2.9kg
(6.46lb)

QUICKLOCK LINE FT32 / HT32 double



FT32-C23-V



2.6kg
(5.69lb)

2-way 135° corner vertical
0.5m (1.64ft)

HT32-C23-V



3.2kg
(7.12lb)

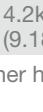
FT32-C30-H



3.4kg
(7.44lb)

3-way 90° corner horizontal
0.5m (1.64ft)

HT32-C30-H



4.2kg
(9.18lb)

FT32-C30-V



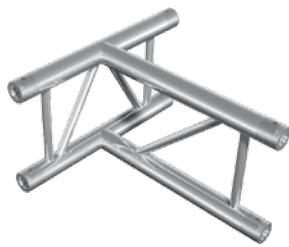
3.4kg
(7.41lb)

3-way 90° corner vertical
0.5m (1.64ft)

HT32-C30-V



4.1kg
(9.07lb)



FT32-T35-H



2.4kg
(5.39lb)

3-way horizontal T-junction
0.5m (1.64ft)

HT32-T35-H



2.8kg
(6.21lb)

FT32-T35-V



2.9kg
(6.41lb)

3-way vertical T-junction
0.5m (1.64ft)

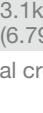
HT32-T35-V



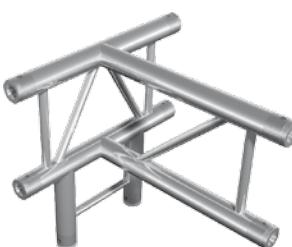
2.7kg
(6.05lb)

4-way horizontal cross
junction
0.5m (1.64ft)

HT32-C41-H



3.1kg
(6.79lb)



FT32-C41-V



3.3kg
(7.23lb)

4-way vertical cross
junction
0.5m (1.64ft)

HT32-C41-V



3.8kg
(8.35lb)

FT32-T42-H



3.7kg
(8.14lb)

4-way horizontal T-junction
0.5m (1.64ft)

HT32-T42-H



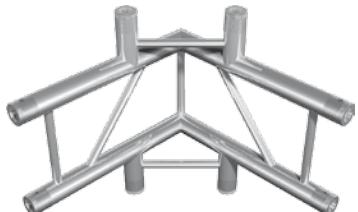
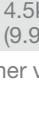
3.7kg
(8.14lb)

4-way vertical T-junction
0.5m (1.64ft)

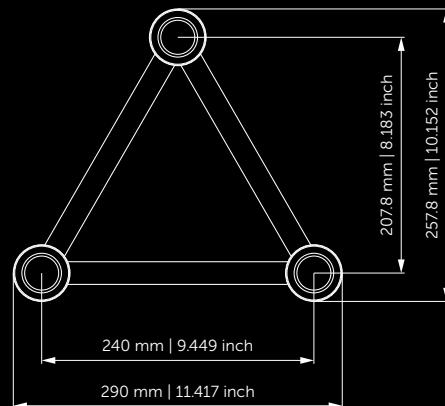
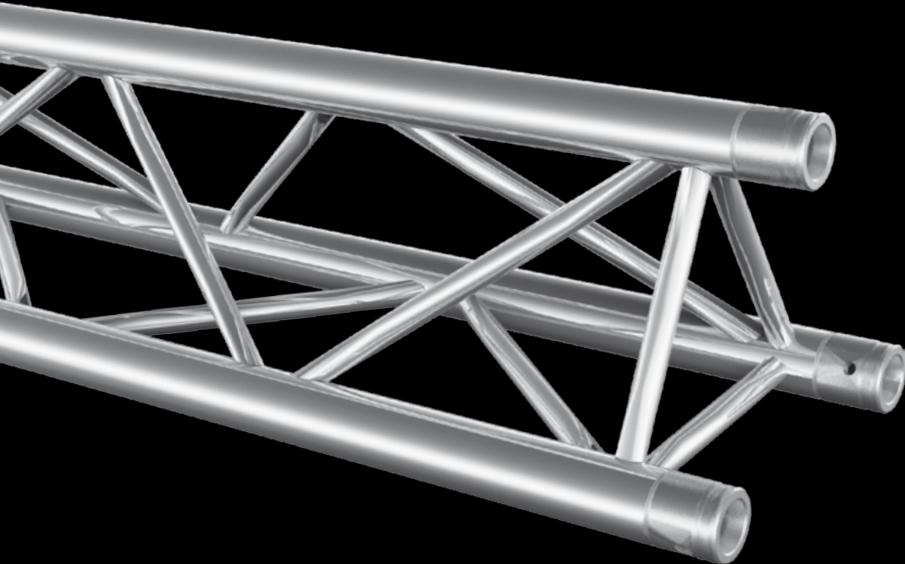
HT32-T42-V



4.4kg
(9.64lb)

**FT32-C44-H**3.7kg
(8.07lb)4-way 90° corner vertical
0.5m (1.64ft)**HT32-C44-H**4.4kg
(9.65lb)**FT32-C44-V**3.8kg
(8.37lb)4-way 90° corner vertical
0.5m (1.64ft)**HT32-C44-V**4.5kg
(9.96lb)**FT32-31AD**1kg
(2.21lb)FT32-FT31 Adapter / HT32-
HT31 Adapter**HT32-31AD**1.1kg
(2.43lb)**FT32-CH**Circle horizontal
various diameters**HT32-CH**Circle vertical
various diameters**FT32-CV****HT32-CV**

QUICKLOCK LINE FT33 / HT33 triangle



SPECIFICATIONS FT33

**TECH
SPECS**

TUBES	50x2mm (2 x 0.08inch)
BRACES	20x2mm (0.8 x 0.08inch)
ALLOY	EN-AW 6082 T6

SPECIFICATIONS HT33

TUBES	50x3mm (2 x 0.12inch)
BRACES	20x2mm (0.8 x 0.08inch)
ALLOY	EN-AW 6082 T6

STRAIGHT SEGMENT LENGTHS FT33

CODE	LENGTH	WEIGHT
FT33-50	0.5m	1.64ft
FT33-75	0.75m	2.46ft
FT33-87,5	0.875m	2.87ft
FT33-100	1m	3.28ft
FT33-125	1.25m	4.10ft
FT33-150	1.5m	4.92ft
FT33-200	2m	6.56ft
FT33-250	2.5m	8.20ft
FT33-300	3m	9.84ft
FT33-350	3.5m	11.48ft
FT33-400	4m	13.12ft
FT33-450	4.5m	14.76ft
FT33-500	5m	16.40ft

STRAIGHT SEGMENT LENGTHS HT33

CODE	LENGTH	WEIGHT
HT33-50	0.5m	1.64ft
HT33-75	0.75m	2.46ft
HT33-87,5	0.875m	2.87ft
HT33-100	1m	3.28ft
HT33-125	1.25m	4.10ft
HT33-150	1.5m	4.92ft
HT33-200	2m	6.56ft
HT33-250	2.5m	8.20ft
HT33-300	3m	9.84ft
HT33-350	3.5m	11.48ft
HT33-400	4m	13.12ft
HT33-450	4.5m	14.76ft
HT33-500	5m	16.40ft

LOADING TABLES FT33 / HT33

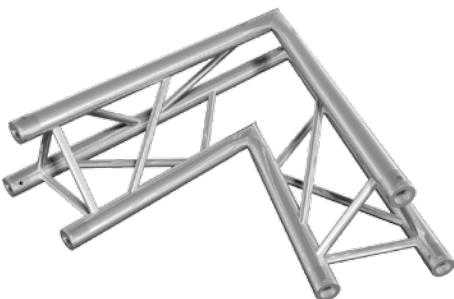
	2m		4m		6m		8m		10m		12m	
Distrib. Load [kg/m]	761	1231	206	338	92	150	51	81	31	50	20	32
Deflection [mm]	2.6	2.9	11.5	12.8	26.8	29.4	48.8	51.7	75.2	80.6	105.6	112.7
Point load [kg]	761	1321	412	675	277	450	206	324	154	249	117	190
Deflection [mm]	2.1	2.5	9.3	10.3	21.7	23.7	39.8	42.1	62	66.1	88.3	93.5
	6.56ft		13.12ft		19.68ft		26.24ft		32.81ft		39.37ft	
Distrib. Load [lb/ft]	511.4	827.3	138.4	227.2	61.8	100.8	34.3	54.4	20.8	33.6	13.4	21.5
Deflection [inch]	0.1	0.1	0.5	0.5	1.1	1.2	1.9	2	3	3.2	4.2	4.4
Point load [lb]	1678	2912.8	908.5	1488.4	610.8	992.3	454.2	714.4	339.6	549	258	419
Deflection [inch]	0.1	0.1	0.4	0.4	0.9	0.9	1.6	1.7	2.4	2.6	3.5	3.7

Loading tables are valid for static loads and spans with two supporting points.

Spans must be supported at each end.

Contact structural engineer if there are more supporting points applied or dynamic and wind loads involved.

CORNERS



FT33-C19

HT33-C19

FT33-C20

HT33-C20

FT33-C21

HT33-C21

5.7kg
(12.59lb)7.2kg
(15.79lb)6.1kg
(13.45lb)7.7kg
(17.06lb)3.7kg
(8.19lb)4.4kg
(9.79lb)2-way 45° corner
1m (3.28ft)2-way 60° corner
1m (3.28ft)2-way 90° corner
0.5m (1.64ft)

FT33-C22

HT33-C22

FT33-C23

HT33-C23

FT33-C24

HT33-C24

4.1kg
(8.99lb)4.9kg
(10.79lb)4.2kg
(9.19lb)5.0kg
(11.08lb)3.7kg
(8.15lb)4.4kg
(9.66lb)2-way 120° corner
0.5m (1.64ft)2-way 135° corner
0.5m (1.64ft)2-way 90° corner apex out
0.5m (1.64ft)

FT33-C24-R

FT33-C25

HT33-C25

FT33-C25-R

3.5kg (7.78lb)

3.9kg
(8.61lb)

3.5kg (7.82lb)

2-way 90° corner apex out
rounded

2-way 90° corner apex in

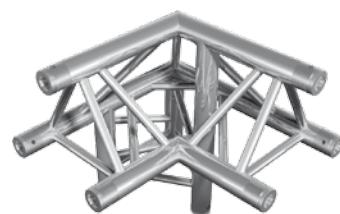
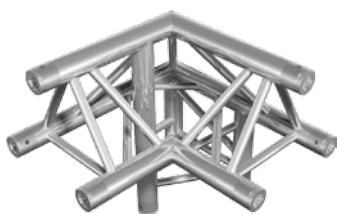
2-way 90° corner apex in
rounded

0.5m (1.64ft)

0.5m (1.64ft)

0.5m (1.64ft)

QUICKLOCK LINE FT33 / HT33 triangle



FT33-C30



6.0kg
(13.24lb)



3-way 90°corner apex
down universal

0.5m (1.64ft)

HT33-C30



7.3kg
(16.07lb)



FT33-C31



5.3kg
(11.76lb)



3-way 90° corner apex up
right

0.5m (1.64ft)

HT33-C31



6.4kg
(14.02lb)



FT33-C32



5.3kg
(11.77lb)



3-way 90° corner apex up
left

0.5m (1.64ft)

HT33-C32



6.4kg
(14.02lb)



FT33-C33



5.6kg
(12.29lb)



3-way 90° corner apex
down right

0.5m (1.64ft)

HT33-C33



6.7kg
(14.73lb)



FT33-C34



5.6kg
(12.29lb)



3-way 90° corner apex
down left

0.5m (1.64ft)

HT33-C34



6.7kg
(14.73lb)



FT33-T35



5.1kg
(11.21lb)



3-way vertical T-junction
apex down

0.5m (1.64ft)

HT33-T35



6.0kg
(13.29lb)



FT33-T36



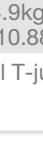
4.3kg
(9.54lb)



3-way horizontal T-junction

0.5m (1.64ft)

HT33-T36



4.9kg
(10.88lb)



3-way horizontal T-junction

0.5m (1.64ft)

FT33-T37



4.5kg
(9.93lb)



3-way horizontal T-junction
apex up

0.5m (1.64ft)

HT33-T37



5.2kg
(11.49lb)



3-way horizontal T-junction
apex up

0.5m (1.64ft)

FT33-T38



4.7kg
(10.30lb)



3-way vertical T-junction
apex down

0.5m (1.64ft)

HT33-T38



5.5kg
(12.02lb)



3-way vertical T-junction
apex down

0.5m (1.64ft)



FT33-T39

4.5kg
(9.92lb)3-way vertical T-junction
0.5m (1.64ft)

HT33-T39

5.2kg
(11.47lb)

FT33-C41

4.9kg
(10.76lb)4-way cross junction
0.5m (1.64ft)

HT33-C41

5.5kg
(12.06lb)

FT33-T42

6.2kg
(13.64lb)4-way T-junction apex
down
0.5m (1.64ft)

HT33-T42

5.2kg
(11.47lb)

FT33-T43

6.05kg
(13.34lb)4-way T-junction apex up
0.5m (1.64ft)

HT33-T43

7.4kg
(16.31lb)

FT33-C44

6.15kg
(13.56lb)4-way 90° corner right
0.5m (1.64ft)

HT33-C44

7.7kg
(16.98lb)

FT33-C45

6.15kg
(13.56lb)4-way 90° corner left
0.5m (1.64ft)

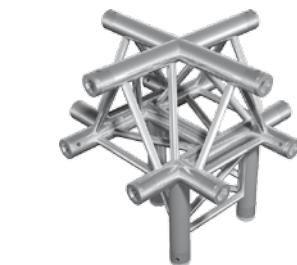
HT33-C45

7.7kg
(16.98lb)

FT33-T51

6.8kg
(14.99lb)5-way T-junction apex
down
0.5m (1.64ft)

HT33-T51

7.8kg
(17.15lb)

FT33-C52

6.5kg
(14.33lb)5-way cross junction
apex up
0.5m (1.64ft)

HT33-C52

7.6kg
(16.73lb)

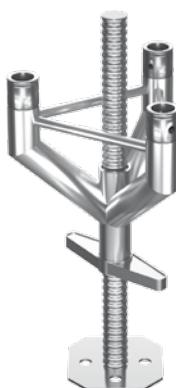
FT33-C53

6.7kg
(14.70lb)5-way cross junction
apex down
0.5m (1.64ft)

HT33-C53

6.7kg
(16.81lb)

QUICKLOCK LINE FT33 / HT33 triangle



FT33-T61



7.3kg
(16.04lb)

6-way T-junction
0.5m (1.64ft)

HT33-T61



8.2kg
(18.16lb)

FT33-BLF



1.6kg
(3.53lb)

Levelling base

HT33-BLF



2kg (4.41lb)



FT33-C1



Circle apex up/down
various diameters

HT33-C1



Circle apex in
various diameters

FT33-C2

FT33-C2



Circle apex out
various diameters

HT33-C2





U-Frame Design
The center point load of each unit is max. 50kg (110lb) in stable design configuration.



U-Frame Ladder
For ladder set up it is possible to hang max. 10 U-Frame units beneath each other without any extra rigging needed.

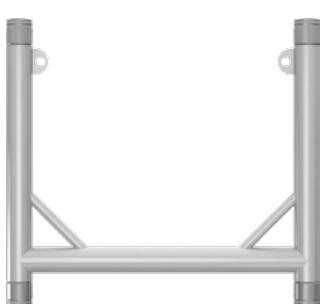
TAF introduces the U-Light Frame fitted for your various design, rigging and lighting needs. The U-Light Frame is build up from TAF standard single pipes (50x2mm) and accessories. It allows you to create endless variations and opens up new options in your lighting and rigging jobs.

The U-Lights Frame is fast to assemble using the standard conical quicklock connection. It is also

easily stackable, which is great for any transport. The U-Light Frame pieces can be extended by any standard FT31 truss product and accessories so no special parts are needed.

This highly modular system brings new opportunities and challenges to your creative design.

The U-Light Frame products are available in any RAL color at your request.

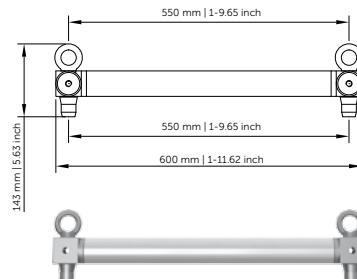
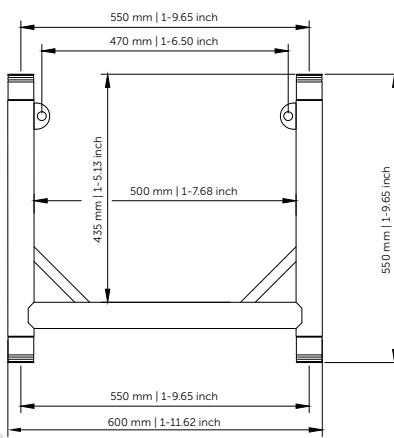


#5555



2.01kg (4,43lb)

U-Light Frame - Base

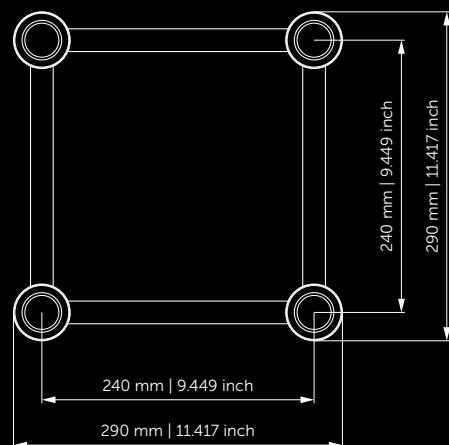
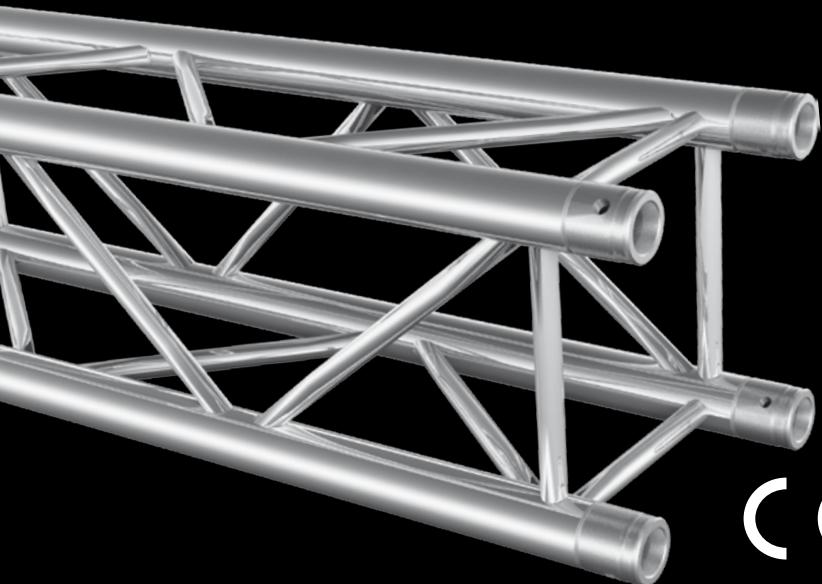


#5556



2.3kg (5,07lb)

U-Light Frame - Top

**SPECIFICATIONS FT34**

TUBES	50x2mm (2 x 0.08inch)
BRACES	20x2mm (0.8 x 0.08inch)
ALLOY	EN-AW 6082 T6

TECH SPECS**SPECIFICATIONS HT34**

TUBES	50x3mm (2 x 0.12inch)
BRACES	20x2mm (0.8 x 0.08inch)
ALLOY	EN-AW 6082 T6

STRAIGHT SEGMENT LENGTHS FT34

CODE	LENGTH	WEIGHT		
FT34-50	0.5m	1.64ft	3.8kg	8.47lb
FT34-75	0.75m	2.46ft	4.9kg	10.80lb
FT34-87,5	0.875m	2.87ft	5.6kg	12.24lb
FT34-100	1m	3.28ft	6.1kg	13.43lb
FT34-125	1.25m	4.10ft	7.3kg	16.05lb
FT34-150	1.5m	4.92ft	8.5kg	18.65lb
FT34-200	2m	6.56ft	10.8kg	23.90lb
FT34-215	2.15m	7.05ft	11.6kg	25.67lb
FT34-250	2.5m	8.20ft	13.2kg	29.15lb
FT34-275	2.75m	9.02ft	14.4kg	31.75lb
FT34-300	3m	9.84ft	15.6kg	34.38lb
FT34-350	3.5m	11.48ft	18.0kg	39.62lb
FT34-400	4m	13.12ft	20.3kg	44.85lb
FT34-450	4.5m	14.76ft	22.7kg	50.10lb
FT34-500	5m	16.40ft	25.1kg	55.35lb

STRAIGHT SEGMENT LENGTHS HT34

CODE	LENGTH	WEIGHT		
HT34-50	0.5m	1.64ft	4.4kg	9.66lb
HT34-75	0.75m	2.46ft	5.9kg	12.92lb
HT34-87,5	0.875m	2.87ft	6.1kg	13.52lb
HT34-100	1m	3.28ft	7.4kg	16.27lb
HT34-125	1.25m	4.10ft	9.0kg	19.91lb
HT34-150	1.5m	4.92ft	10.5kg	23.20lb
HT34-200	2m	6.56ft	13.7kg	30.12lb
HT34-215	2.15m	7.05ft	13.3kg	29.33lb
HT34-250	2.5m	8.20ft	16.8kg	37.02lb
HT34-275	2.75m	9.02ft	18.4kg	40.57lb
HT34-300	3m	9.84ft	19.9kg	43.95lb
HT34-350	3.5m	11.48ft	23.1kg	50.85lb
HT34-400	4m	13.12ft	26.2kg	57.77lb
HT34-450	4.5m	14.76ft	29.3kg	64.65lb
HT34-500	5m	16.40ft	32.4kg	71.44lb

LOADING TABLES FT34 / HT34

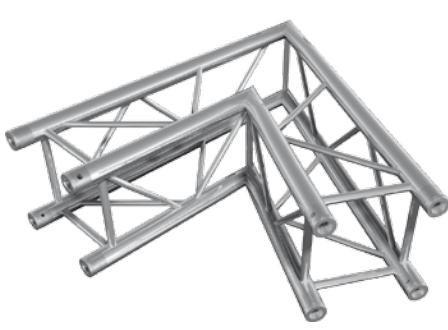
	2m	4m	6m	8m	10m	12m
Distrib. Load [kg/m]	1422	1420	493	707	223	344
Deflection [mm]	2.4	1.7	13.7	13.3	31.8	33.2
Point load [kg]	1919	2840	987	1544	670	1033
Deflection [mm]	2.6	2.7	11	11.7	25.6	26.7
	6.56ft	13.12ft	19.68ft	26.24ft	32.81ft	39.37ft
Distrib. Load [lb/ft]	955.7	954.3	331.3	475.1	149.9	231.2
Deflection [inch]	0.1	0.1	0.5	0.5	1.3	1.3
Point load [lb]	4231.4	6262.2	2176.3	3404.5	1477.4	2277.8
Deflection [inch]	0.1	0.1	0.4	0.5	1	1.1

Loading tables are valid for static loads and spans with two supporting points. Spans must be supported at each end. Contact structural engineer if there are more supporting points applied or dynamic and wind loads involved.

CORNERS



FT34-C19

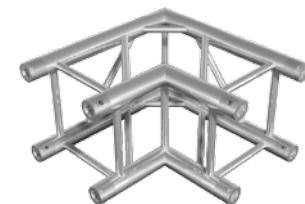
7.8kg
(17.29lb)2-way 45° corner
1m (3.28ft)

HT34-C19

FT34-C20

8.7kg
(19.25lb)2-way 60° corner
1m (3.28ft)

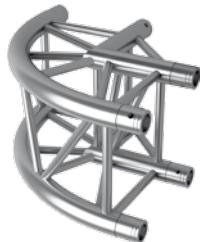
HT34-C20



FT34-C21

4.9kg
(10.77lb)2-way 90° corner
0.5m (1.64ft)

HT34-C21



FT34-C21-R



4.8kg (10.64lb)

2-way 90° corner rounded
0.5m (1.64ft)

FT34-C22

5.3kg
(11.67lb)2-way 120° corner
0.5m (1.64ft)

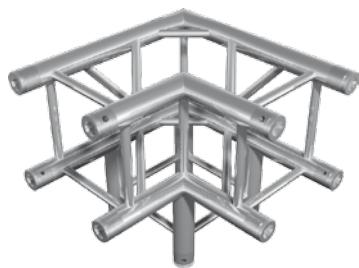
HT34-C22



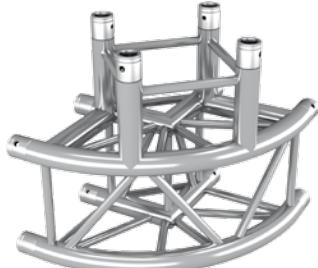
FT34-C23

5.4kg
(11.96lb)2-way 135° corner
0.5m (1.64ft)

HT34-C23



FT34-C30

6.4kg
(14.18lb)3-way 90° corner
0.5m (1.64ft)

HT34-C30



7.6kg (16.80lb)

3-way 90° corner rounded
0.5m (1.64ft)

FT34-C30-R



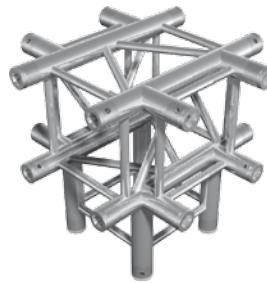
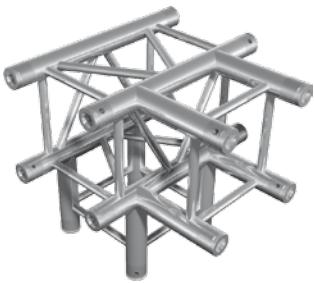
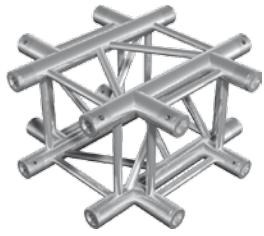
6.7kg (14.79lb)

3-way 90° corner rounded
0.5m (1.64ft)

FT34-T35

HT34-T35

5.4kg
(11.87lb)3-way T-junction
0.5m (1.64ft)



FT34-C41

6.2kg
(13.76lb)4-way cross junction
0.5m (1.64ft)

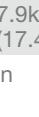
HT34-C41

6.9kg
(15.24lb)

FT34-T42

6.9kg
(15.28lb)4-way T junction
0.5m (1.64ft)

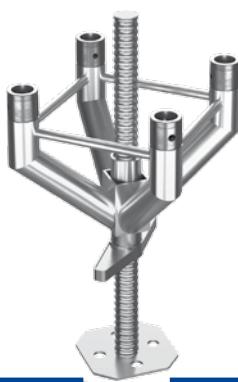
HT34-T42

7.9kg
(17.40lb)

FT34-C55

7.8kg
(17.16lb)5-way T-junction
0.5m (1.64ft)

HT34-C55

8.7kg
(19.18lb)

FT34-C60

8.6kg
(19.05lb)6-way T-junction
0.5m (1.64ft)

HT34-C60

9.4kg
(20.80lb)

FT34-BLF

2.4kg
(5.29lb)

Levelling base

HT34-BLF

FT34-32F

2.94kg
(6.47lb)Frame FT34+FT32 / Frame
HT34+HT32

HT34-32F

3.2kg
(7.06lb)

FT34-C

Circle
various diameters

HT34-C

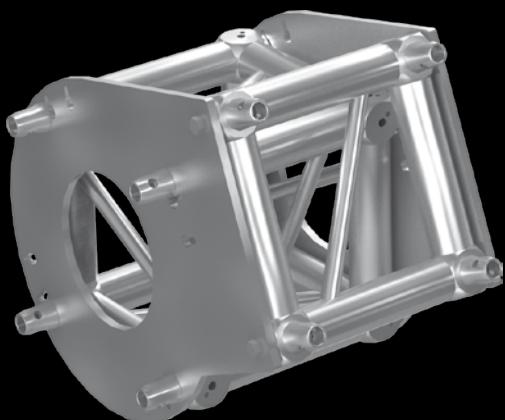
FT34-MCB

7.6kg
(16.82lb)Multi connection box
0.29m (0.95ft)

HT34-MCB

Includes 2 connection sets for two ways.

VARIO PLATE #3010



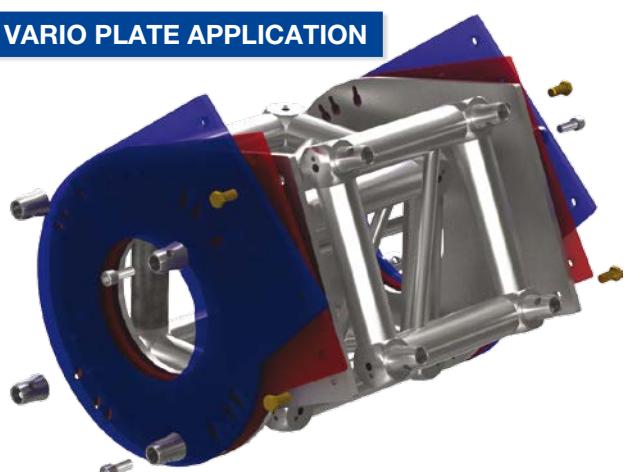
Vario Plate represents an additional feature to the FT34 and HT34 trussing lines and it gives you the possibility to be more creative in using standard parts of truss. The range of arches that is possible to build up with this item is really huge. No special corners necessary for creating arches from standard 290x290 (11.42x11.42inch) trussing. It is a neat solution for better modularity of the truss.



#3010

Vario plate
45°, 60°, 67.5°

VARIO PLATE APPLICATION



ASSEMBLY OF VARIO CORNER



#3116

4 pieces

FT34/HT34-MCB

1 piece

#3116

4 pieces

#3116

4 pieces

#3010

1 piece

FT34-32F/HT34-32F

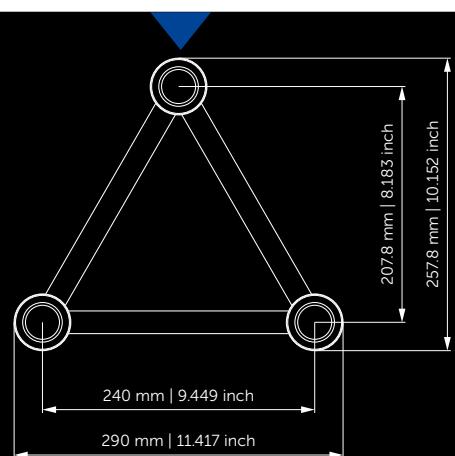
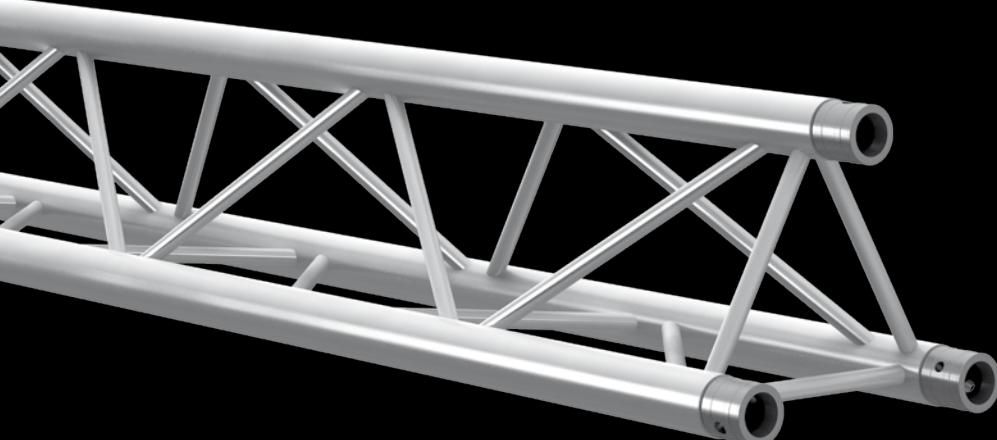
1 piece

#3010

1 piece

QUICKLOCK LINE

PT33 triangle



SPECIFICATIONS

**TECH
SPECS**

TUBES	50x2mm (2 x 0.08inch)
BRACES	16x2 mm (0.63 x 0.08inch)
ALLOY	EN-AW 6082 T6

STRAIGHT SEGMENT LENGTHS

CODE	LENGTH	WEIGHT
PT33-50	0.5m	1.64ft
PT33-75	0.75	2.46ft
PT33-100	1m	3.28ft
PT33-150	1.5m	4.92ft
PT33-200	2m	6.56ft
PT33-250	2.5	8.2ft
PT33-300	3m	9.84ft
PT33-350	3.5m	11.48ft
PT33-400	4m	13.12ft
PT33-450	4.5m	14.76ft
PT33-500	5m	16.4ft

LOADING TABLES

	2 m	4 m	6 m	8 m	10 m	12 m
Distrib. Load [kg/m]	680	206	97	54	33	20
Deflection [mm]	2.3	11.5	28.1	51	78.3	107.2
Point load [kg]	761	413	292	217	163	133
Deflection [mm]	2.1	9.3	22.7	41.5	64.3	96
	6.56 ft	13.12 ft	19.68 ft	26.24 ft	32.81 ft	39.37ft
Distrib. Load [lb/ft]	457	138.4	65.2	36.3	22.2	13.4
Deflection [inch]	0.1	0.5	1.1	2	3.1	4.2
Point load [lb]	1678	910.7	643.9	478.5	359.4	293.3
Deflection [inch]	0.1	0.4	0.9	1.6	2.5	3.8

Loading tables are valid for static loads and spans with two supporting points.

Spans must be supported at each end.

Contact structural engineer if there are more supporting points applied or dynamic and wind loads involved.

CORNERS**PT33-C19**

5.3kg (11.77lb)
2-way 45° corner
1m (3.28ft)

PT33-C20

6.0kg (13.12lb)
2-way 60° corner
1m (3.28ft)

PT33-C21

3.4kg (7.45lb)
2-way 90° corner
0.5m (1.64ft)

PT33-C22

3.7kg (8.26lb)
2-way 120° corner
0.5m (1.64ft)

PT33-C23

3.8kg (8.47lb)
2-way 135° corner
0.5m (1.64ft)

PT33-C24

3.2kg (7.10lb)
2-way 90° corner apex out
0.5m (1.64ft)

PT33-C24-R

3.2kg (6.98lb)
2-way 90° corner apex out rounded
0.5m (1.64ft)

PT33-C25

3.7kg (8.11lb)
2-way 90° corner apex in
0.5m (1.64ft)

PT33-C25-R

3.2kg (7.02lb)
2-way 90° corner apex in rounded
0.5m (1.64ft)

QUICKLOCK LINE

PT33 triangle



PT33-C30



5.5kg (12.10lb)
3-way 90° apex down
universal
0.5m (1.64ft)



PT33-C31



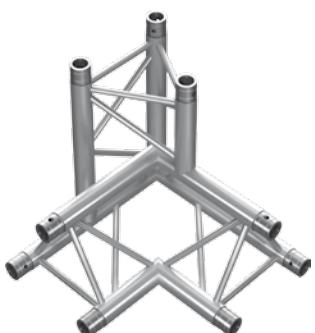
4.8kg (10.67lb)
3-way 90° corner apex up
right
0.5m (1.64ft)



PT33-C32



4.8kg (10.67lb)
3-way 90° corner apex up
left
0.5m (1.64ft)



PT33-C33



5.1kg (11.22lb)
3-way 90° corner apex
down right
0.5m (1.64ft)



PT33-C34



5.1kg (11.22lb)
3-way 90° corner apex
down left
0.5m (1.64ft)



PT33-T35



5.2kg (11.54lb)
3-way vertical T-junction
apex down
0.71x0.5m (2.33x1.64ft)



PT33-T36



4.5kg(9.90lb)
3-way horizontal T-junction
0.71x0.5m (2.33x1.64ft)



PT33-T37



7.7kg (10.28lb)
3-way horizontal T-junction
apex up
0.71x0.5m (2.33x1.64ft)



PT33-T38



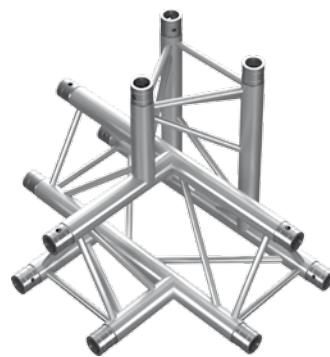
5.1kg (11.34lb)
3-way vertical T-junction
apex down
0.743x0.5m (2.44x1.64ft)

**PT33-T39**

4.7kg (10.45lb)
3-way vertical T-junction
0.743x0.5m (2.44x1.64ft)

**PT33-C41**

5.8kg (12.78lb)
4-way cross junction
0.71x0.71m (2.33x2.33ft)

**PT33-T42**

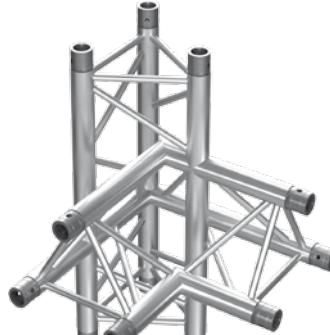
6.2kg (13.66lb)
4-way T-junction apex down
0.71x0.5x0.5m (2.33x1.64x1.64ft)

**PT33-T43**

6.0kg (13.12lb)
4-way T-junction apex up
0.71x0.5x0.5m (2.33x1.64x1.64ft)

**PT33-C44**

6.5kg (14.44lb)
4-way 90° corner right
0.743x0.5x0.5m (2.44x1.64x1.64ft)

**PT33-C45**

6.5kg (14.44lb)
4-way 90° corner left
0.743x0.5x0.5m (2.44x1.64x1.64ft)

**PT33-T51**

7.7kg (16.89lb)
5-way T-junction apex down
0.743x0.71x0.5 (2.44x2.33x1.64ft)

**PT33-C52**

7.3kg (16.01lb)
5-way cross junction apex up
0.71x0.71x0.5m (2.33x2.33x1.64ft)

**PT33-C53**

7.5kg (16.55lb)
5-way cross junction apex down
0.71x0.71x0.5m (2.33x2.33x1.64ft)



PT33-T61



9.0kg (19.77lb)



6-way T-junction



0.71x0.71x0.743
(2.33x2.33x2.44ft)



PT33-C1



Circle apex up/down
various diameters

PT33-C2



Circle apex in
various diameters

PT33-C2

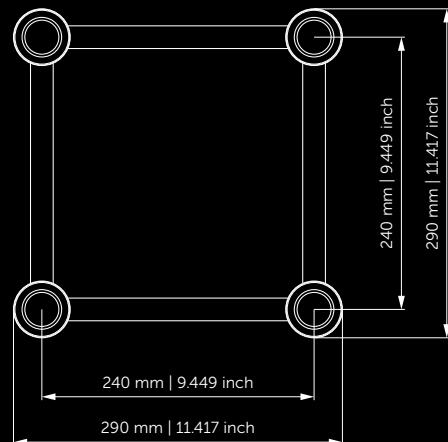
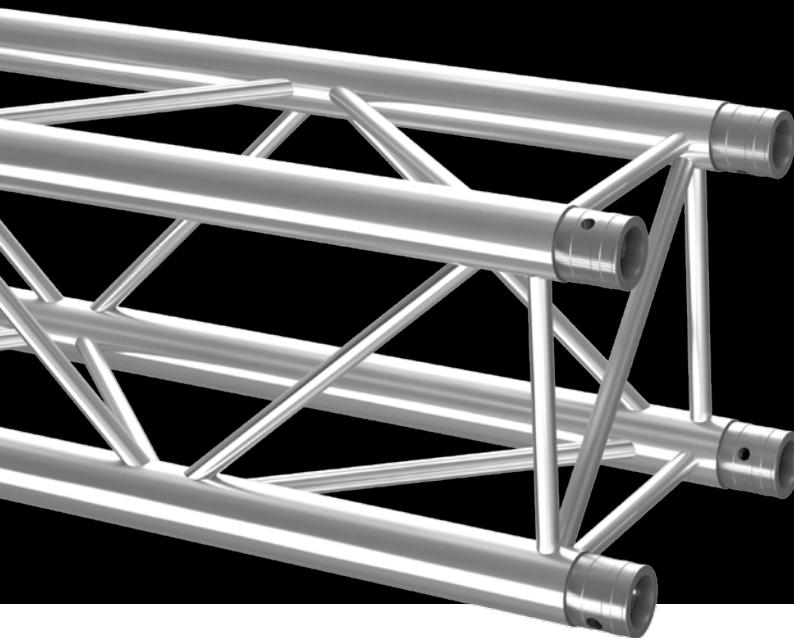


Circle apex out
various diameters



QUICKLOCK LINE

PT34 box



SPECIFICATIONS

TECH
SPECS

TUBES	50x2mm (2 x 0.08inch)
BRACES	16x2mm (0.63 x 0.08inch)
ALLOY	EN-AW 6082 T6



STRAIGHT SEGMENT LENGTHS

CODE	LENGTH	WEIGHT
PT34-50	0.5m	3.4kg
PT34-75	0.75	4.5kg
PT34-100	1m	5.7kg
PT34-150	1.5m	7.9kg
PT34-200	2m	10.1kg
PT34-250	2.5m	12.5kg
PT34-300	3m	14.5kg
PT34-350	3.5m	16.7kg
PT34-400	4m	18.9kg
PT34-450	4.5m	21.1kg
PT34-500	5m	23.3kg

LOADING TABLES

	2 m	4 m	6 m	8 m	10 m	12 m
Distrib. Load [kg/m]	785	390	229	130	81	53
Deflection [mm]	1.4	10.8	32.5	59.3	92.5	130.3
Point load [kg]	1570	961	688	520	406	321
Deflection [mm]	2.2	10.7	26.2	47.9	75.1	106.6
	6.56 ft	13.12 ft	19.68 ft	26.24 ft	32.81 ft	39.37ft
Distrib. Load [lb/ft]	527.6	262.1	153.9	87.4	54.4	35.6
Deflection [inch]	0.1	0.4	1.3	2.3	3.6	5.1
Point load [lb]	3461.9	2119	1517	1146.6	895.2	707.8
Deflection [inch]	0.1	0.4	1	1.9	3	4.2

Loading tables are valid for static loads and spans with two supporting points.

Spans must be supported at each end.

Contact structural engineer if there are more supporting points applied or dynamic and wind loads involved.

CORNERS**PT34-C19**

7.3kg (16.20lb)
2-way 45° corner
1m (3.28ft)

**PT34-C20**

8.2kg (18.01lb)
2-way 60° corner
1m (3.28ft)

**PT34-C21**

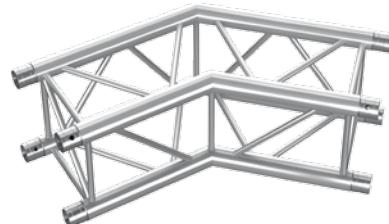
4.7kg (10.31lb)
2-way 90° corner
0.5m (1.64ft)

**PT34-C21-R**

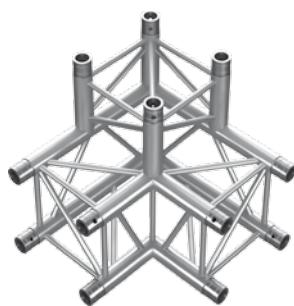
4.4kg (9.71lb)
2-way 90° corner rounded
0.5m (1.64ft)

**PT34-C22**

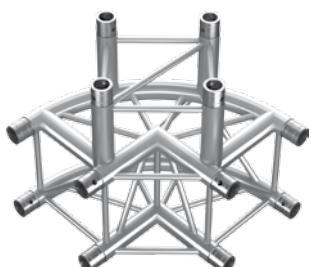
5.3kg (11.60lb)
2-way 120° corner
0.5m (1.64ft)

**PT34-C23**

5.4kg (11.88lb)
2-way 135° corner
0.5m (1.64ft)

**PT34-C30**

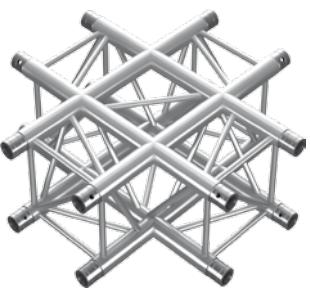
6.4kg (14.02lb)
3-way 90° corner
0.5m (1.64ft)

**PT34-C30-R**

6.3kg (13.80lb)
3-way 90° corner rounded
0.5m (1.64ft)

**PT34-T35**

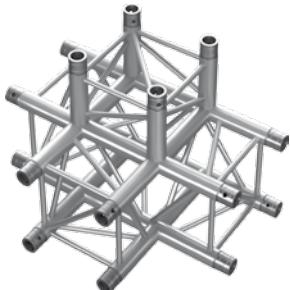
7.0kg (15.42lb)
3-way T-junction
0.71x0.5m (2.33x1.64ft)



PT34-C41



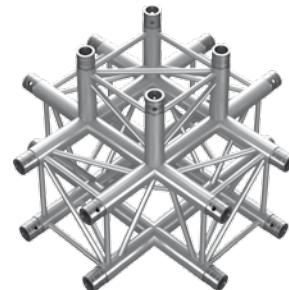
8.7kg (19.16lb)
4-way cross junction
0.71x0.71m (2.33x2.33ft)



PT34-T42



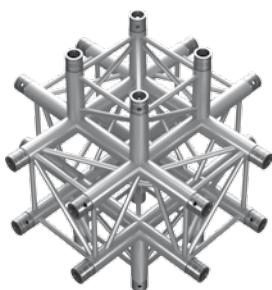
8.5kg (18.80lb)
4-way T-junction
0.71x0.5x0.5m
(2.33x1.64x1.64ft)



PT34-C55



9.2kg (20.25lb)
5-way T-junction
0.71x0.71x0.5m
(2.33x2.33x1.64ft)

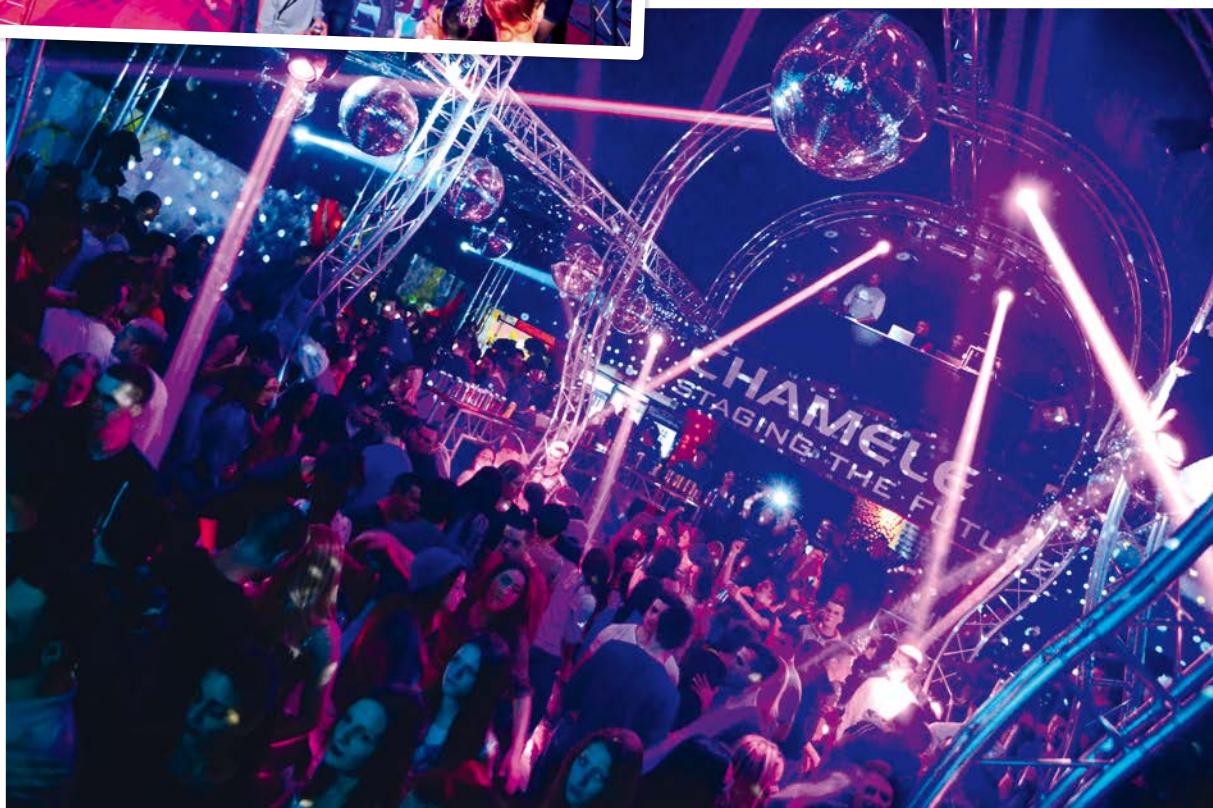


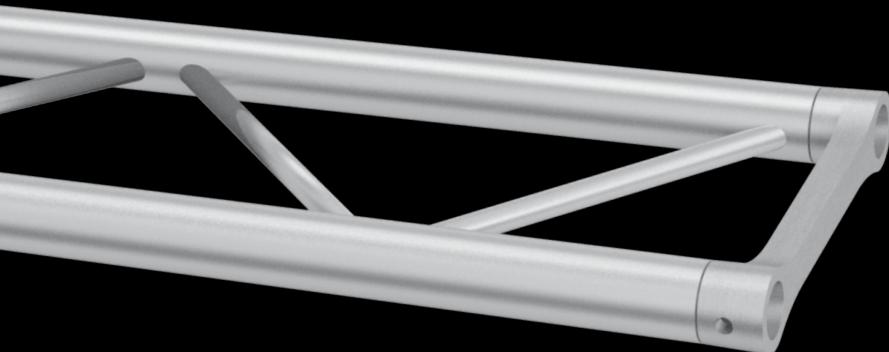
PT34-C60



11.2kg (24.72lb)
6-way T-junction
0.71x0.71x0.71m
(2.33x2.33x2.33ft)







SPECIFICATIONS

TECH SPECS

TUBES	50x2mm (2 x 0.08inch)
BRACES	20x2mm (0.8 x 0.08inch)
ALLOY	EN-AW 6082 T6

STRAIGHT SEGMENT LENGTHS

CODE	LENGTH	WEIGHT
LT32-21	0.21m	0.69ft
LT32-50	0.5m	1.64ft
LT32-100	1m	3.28ft
LT32-150	1.5m	4.92ft
LT32-200	2m	6.56ft
LT32-250	2.5m	8.20ft
LT32-300	3m	9.84ft
LT32-400	4m	13.12ft
LT32-500	5m	16.40ft
		10.9kg
		24.02lb

LOADING TABLES

	1m	2m	3m	4m	5m	6m
Distrib. Load [kg/m]	467	257	177	137	127	103
Deflection [mm]	0.8	1.7	4.3	11.2	24.3	31.1
Point load [kg]	467	467	467	433	347	300
Deflection [mm]	0.8	2.3	5.7	11.1	20.3	22.4
	3.28ft	6.56ft	9.84ft	13.12ft	16.40ft	19.69ft
Distrib. Load [lb/ft]	314	173	119	92	85	69
Deflection [inch]	0.03	0.07	0.17	0.45	0.96	1.23
Point load [lb]	1029.6	1029.6	1029.6	954.6	765	661
Deflection [inch]	0.03	0.09	0.22	0.44	0.8	0.88

Loading tables are valid for static loads and spans with two supporting points.

Spans must be supported at each end.

Contact structural engineer if there are more supporting points applied or dynamic and wind loads involved.

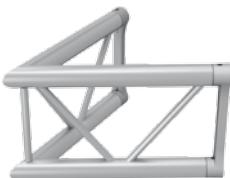
The listed loads are verified for simply supported beam.

The truss needs to be secured against horizontal movement every 1m for the loading tables to be valid.

FRAME



CORNERS



LT32-C20H



3.8kg (8.4lb)
2-way 60° corner horizontal
1m (3.28ft)

LT32-C20V



3kg (6.6lb)
2-way 60° corner vertical
0,5m (1.64ft)

LT32-C21H



2.5kg (5.5lb)
2-way 90° corner horizontal
0,5m (1.64ft)

LT32-C21V



2.8kg (6.2lb)
2-way 90° corner vertical
0,5m (1.64ft)

LT32-C22-H



2.6kg (5.7lb)
2-way 120° corner horizontal
0.5m (1.64ft)

LT32-C22-V



2.9kg (6.4lb)
2-way 120° corner vertical
0.5m (1.64ft)



LT32-C23-H



2.7kg (6lb)
2-way 135° corner horizontal
0.5m (1.64ft)

LT32-C23-V



2.9kg (6.4lb)
2-way 135° corner vertical
0.5m (1.64ft)

LT32-C31-HL



3.8kg (8.4lb)
3-way 90° corner horizontal left
0.5m (1.64ft)



LT32-C31-HR



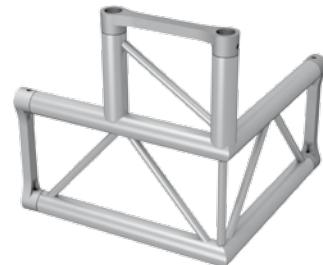
3.8kg (8.4lb)
3-way 90° corner horizontal right
0.5m (1.64ft)



LT32-C31-VL



3.8kg (8.4lb)
3-way 90° corner vertical left
0.5m (1.64ft)



LT32-C31-VR



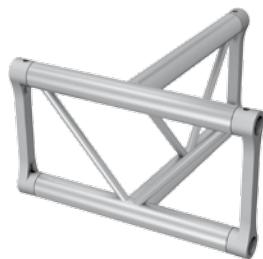
3.7kg (8.2lb)
3-way 90° corner vertical right
0.5m (1.64ft)



LT32-C35-H



2.9kg (6.4lb)
3-way horizontal T-junction
0.5m (1.64ft)



LT32-C35-V



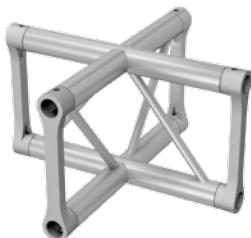
4.2kg (9.3lb)
3-way vertical T-junction
0.5m (1.64ft)



LT32-C41-H



3.4kg (7.5lb)
4-way horizontal cross junction
0.5m (1.64ft)



LT32-C41-V



3.9kg (9lb)
4-way vertical cross junction
0.5m (1.64ft)



LT32-C42-H



4.4kg (9.2lb)
4-way horizontal T-junction
0.5m (1.64ft)



FT32-C42-V



4.4kg (9.2lb)
4-way vertical T-junction
0.5m (1.64ft)



TAF tool

by TRUSS ALUMINIUM FACTORY a.s.

TAFtool unique software was created in order to help our clients to easily build up their own stands or designs from aluminum trusses.

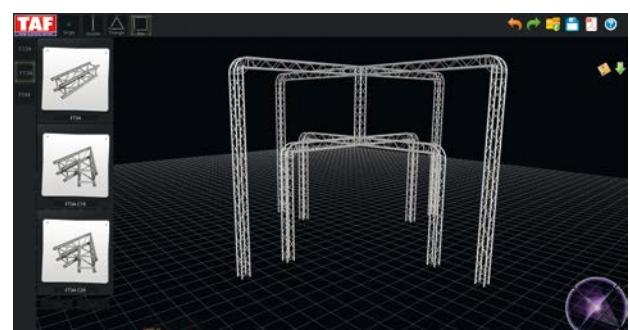
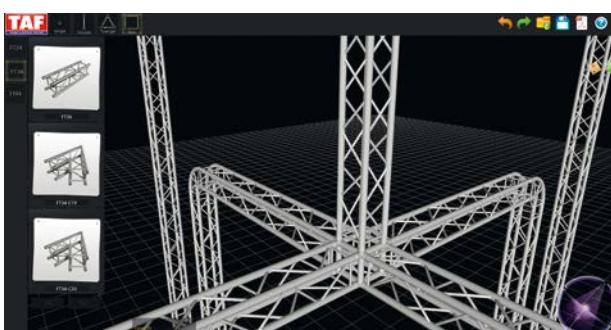
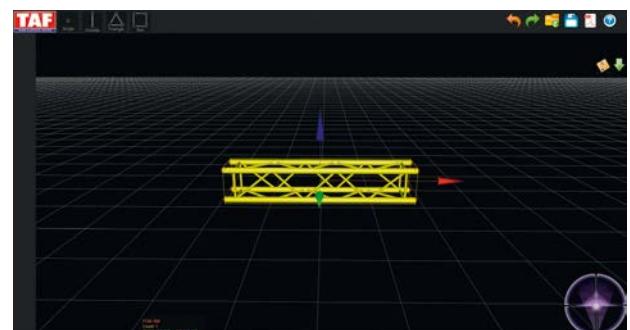
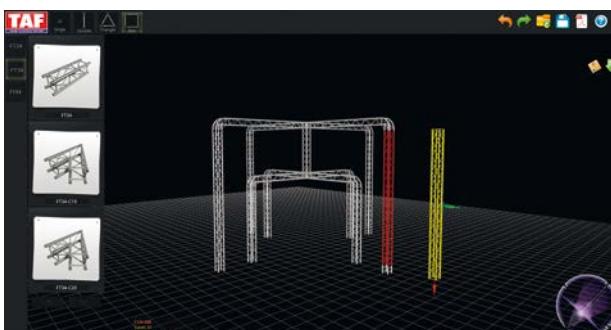
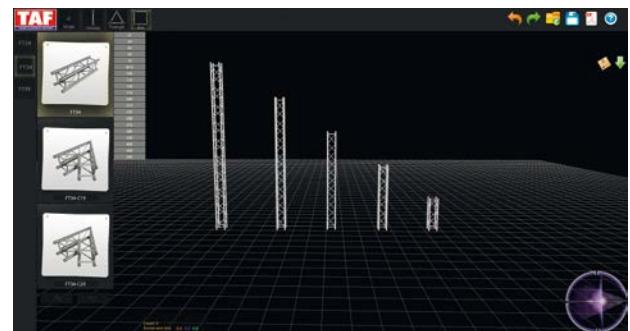
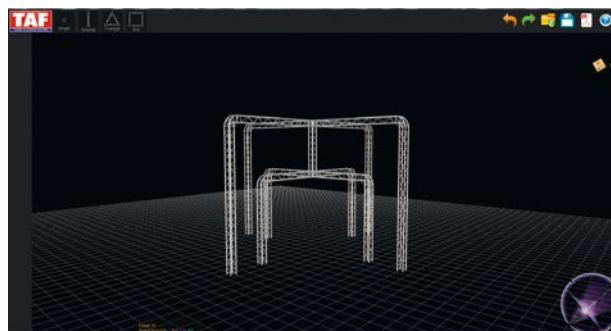
TAFtool software gives you realistic 3D working space. The trussing systems library includes the standard parts available in the chosen system copying truly the real dimensions of every trussing segment. It is possible to zoom in/out to view details or to get overall view of the design. You can rotate the camera to basically any point of view so you know how the structure is going to look like from various angles.

BUILD YOUR STRUCTURE

You can save the unfinished projects and work on them later. Once you are done with the design, there is a possibility to export your project to PDF file which shows the list of parts that were used, the design itself, and its real dimensions.

The TAFtool software can be downloaded on www.taftool.com and you can start getting your first experiences working with it right away. There are also videos of TAFtool applications on our youtube channel TRUSSALUMINIUM.

There is no tool like a TAFtool. Let's get started.

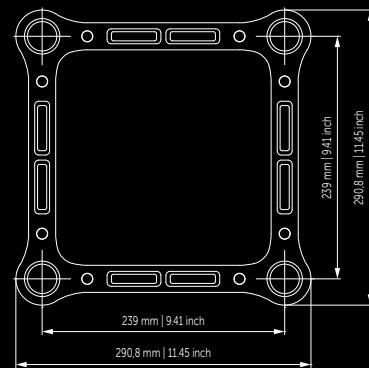
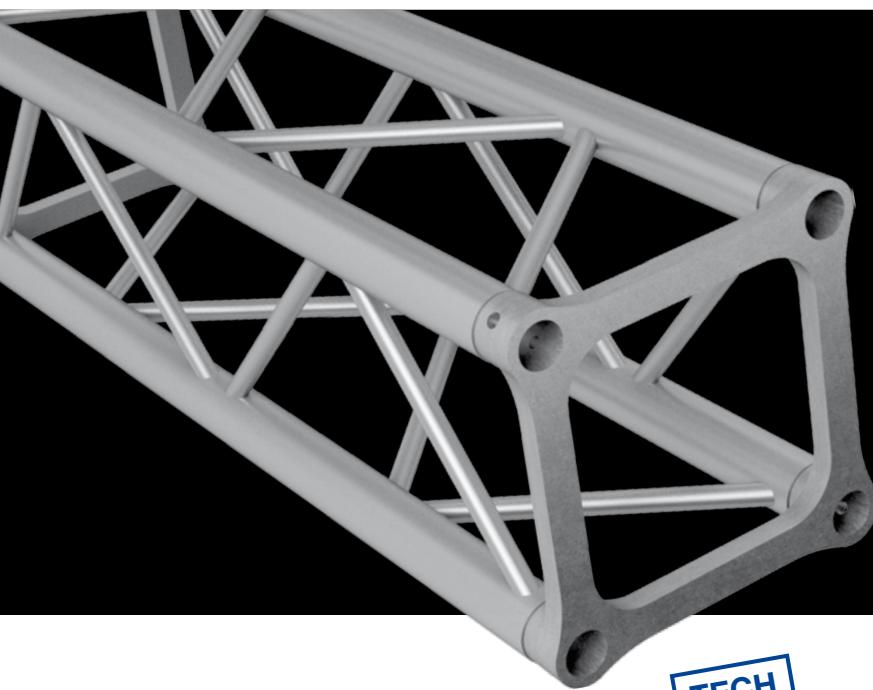


www.taftool.com



QUICKLOCK LINE

LT34 box



SPECIFICATIONS

TECH SPECS

TUBES	50x2mm (2 x 0.08inch)
BRACES	20x2mm (0.8 x 0.08inch)
ALLOY	EN-AW 6082 T6

STRAIGHT SEGMENT LENGTHS

CODE	LENGTH	WEIGHT
LT34-21	0.21m	0.69ft
LT34-50	0.5m	1.64ft
LT34-100	1m	3.28ft
LT34-150	1.5m	4.92ft
LT34-200	2m	6.56ft
LT34-250	2.5m	8.20ft
LT34-300	3m	9.84ft
LT34-400	4m	13.12ft
LT34-500	5m	16.40ft
		3.6kg
		7.98lb
		5.0kg
		10.91lb
		7.4kg
		16.27lb
		9.8kg
		21.52lb
		12.1kg
		26.75lb
		14.5kg
		31.91lb
		17.9kg
		39.49lb
		21.6kg
		47.63lb
		26.3kg
		58.08lb

LOADING TABLES

	2m	4m	6m	8m	10m	12m	14m	16m
Distrib. Load [kg/m]	513	275	206	125	75	53	39	27
Deflection [mm]	1.7	9.3	33.1	63.6	99.8	132.6	180.0	221.1
Point load [kg]	933	867	600	427	360	293	253	227
Deflection [mm]	2.3	11.1	22.5	42.3	75.6	97.3	134.5	182.3
	6.56ft	13.12ft	19.68ft	26.24ft	32.81ft	39.37ft	45.9ft	52.49ft
Distrib. Load [lb/ft]	345	185	138	84	50	36	26	18
Deflection [inch]	0.06	0.37	1.3	2.5	3.93	5.22	7.09	8.7
Point load [lb]	2057	1911	1323	941	794	646	558	500
Deflection [inch]	0.09	0.44	0.89	1.67	2.98	3.83	5.3	7.18

Loading tables are valid for static loads and spans with two supporting points.

Spans must be supported at each end.

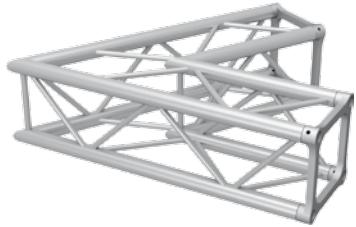
Contact structural engineer if there are more supporting points applied or dynamic and wind loads involved.

The values show in the tables are the characteristic loads by EN 1990 (variable load, $\gamma_f=1,5$)

FRAME



CORNERS



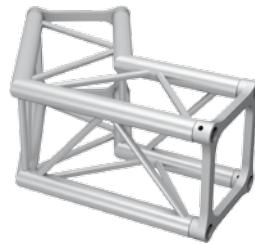
LT34-C20

8.5kg (18.7lb)
 2-way 60° corner
 1m (3.28ft)



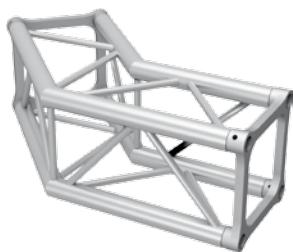
LT34-C21

6kg (13.2lb)
 2-way 90° corner
 0.5m (1.64ft)



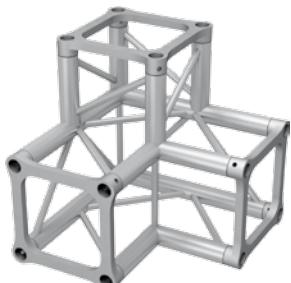
LT34-C22

6.3kg (13.9lb)
 2-way 120° corner
 0.5m (1.64ft)



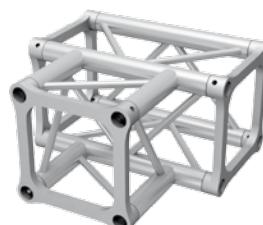
LT34-C23

6.9kg (15.2lb)
 2-way 135° corner
 0.5m (1.64ft)



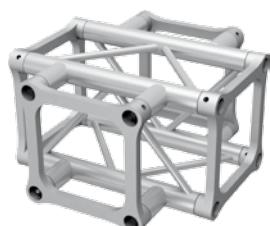
LT34-C30

8.2kg (18lb)
 3-way 90° corner
 0.5m (1.64ft)



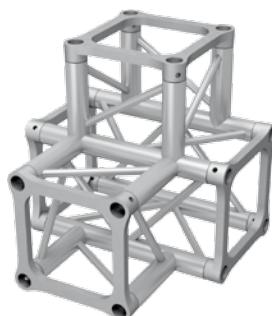
LT34-T35

7.3kg (16lb)
 3-way T-junction
 0.5m (1.64ft)



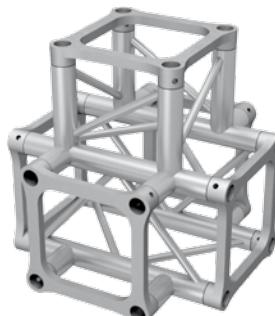
LT34-C41

8.2kg (18lb)
 4-way cross junction
 0.5m (1.64ft)



LT34-T42

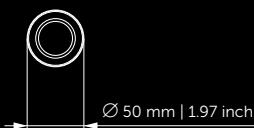
9.7kg (21.4lb)
 4-way T junction
 0.5m (1.64ft)



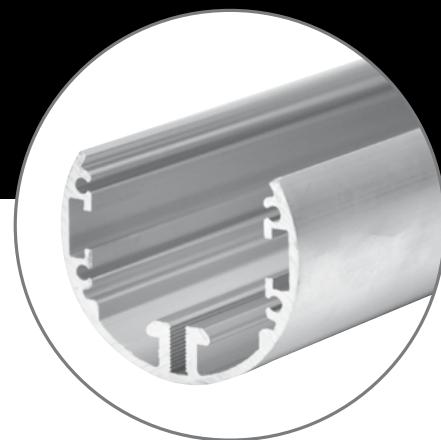
LT34-T55

9.9kg (21.8lb)
 5-way T-junction
 0.5m (1.64ft)

QUICKLOCK LINE lighting track **ET31** single



CE



SPECIFICATIONS

TECH
SPECS

TUBES	Ø 50mm (Ø 2inch)
ALLOY	EN-AW 6082 T6

STRAIGHT SEGMENT LENGTHS

CODE	LENGTH	WEIGHT	
ET31-50	0.5m	1.64ft	0.7kg
ET31-100	1m	3.28ft	1.2kg
ET31-150	1.5m	4.92ft	1.6kg
ET31-200	2m	6.56ft	2.0kg
ET31-250	2.5m	8.20ft	2.5kg
ET31-300	3m	9.84ft	2.9kg
ET31-400	4m	13.12ft	3.8kg
ET31-500	5m	16.40ft	4.4kg



CORNERS

**ET31-C19**

1.2kg (2.55lb)
2-way 45° corner
0.5m (1.64ft)

ET31-C20

1.2kg (2.55lb)
2-way 60° corner
0.5m (1.64ft)

ET31-C21

1.2kg (2.55lb)
2-way 90° corner
0.5m (1.64ft)

**ET31-C22**

1.2kg (2.55lb)
2-way 120° corner
0.5m (1.64ft)

ET31-C23

1.2kg (2.55lb)
2-way 135° corner
0.5m (1.64ft)

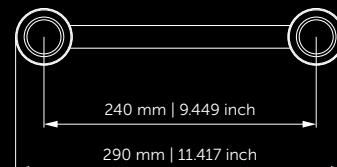
ET31-T35

1.2kg (2.55lb)
3-way T-junction
0.5m (1.64ft)

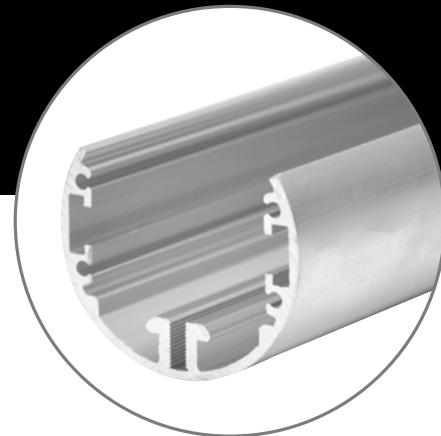
**ET31-C41**

1.4kg (3.13lb)
4-way cross junction
0.5m (1.64ft)

QUICKLOCK LINE lighting track ET32 double



CE



SPECIFICATIONS

TUBES	\varnothing 50mm (\varnothing 2inch)
BRACES	20x2mm (0.8 x 0.08inch)
ALLOY	EN-AW 6082 T6

TECH SPECS

STRAIGHT SEGMENT LENGTHS

CODE	LENGTH	WEIGHT
ET32-50	0.5m	1.64ft
ET32-100	1m	3.28ft
ET32-150	1.5m	4.92ft
ET32-200	2m	6.56ft
ET32-250	2.5m	8.20ft
ET32-300	3m	9.84ft
ET32-400	4m	13.12ft
ET32-500	5m	16.40ft

CORNERS



ET32-C21-V

2.6kg (5.79lb)
 2-way 90° corner vertical
 0.5m (1.64ft)

ET32-T35-V

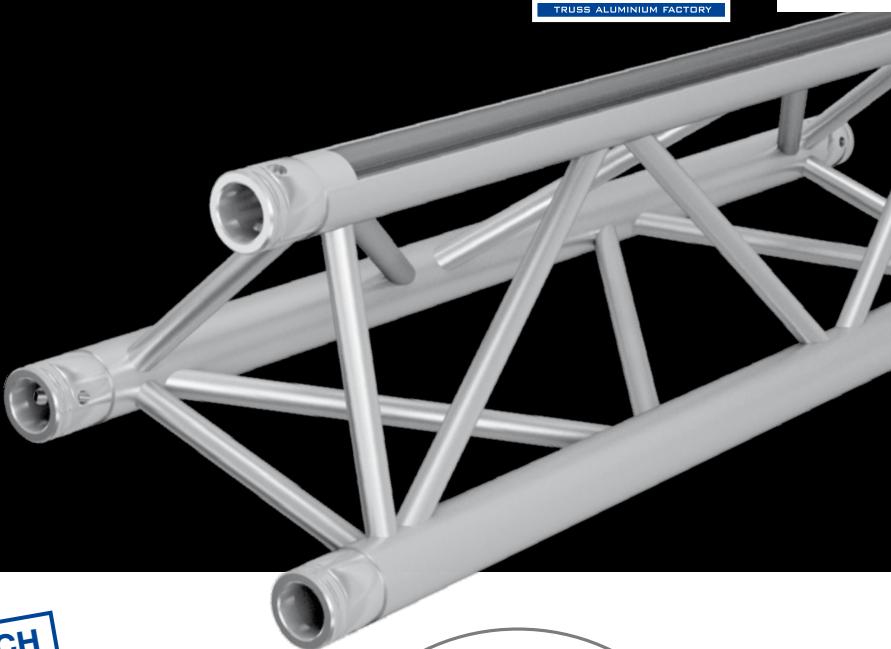
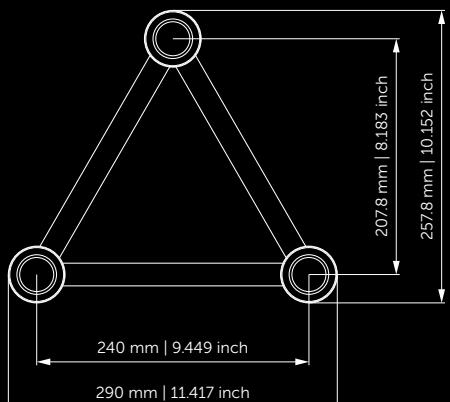
2.9kg (6.47lb)
 3-way vertical T-junction
 0.5m (1.64ft)



ET32-C41-V

3.3kg (7.31lb)
 4-way vertical cross junction
 0.5m (1.64ft)

lighting track **ET33** triangle



SPECIFICATIONS

TUBES	$\varnothing 50\text{mm}$ ($\varnothing 2\text{inch}$)
BRACES	20x2mm (0.8 x 0.08inch)
ALLOY	EN-AW 6082 T6

TECH SPECS

STRAIGHT SEGMENT LENGTHS

CODE	LENGTH	WEIGHT		
ET33-50	0.5m	1.64ft	2.9kg	6.39lb
ET33-100	1m	3.28ft	4.6kg	10.17lb
ET33-150	1.5m	4.92ft	6.4kg	14.20lb
ET33-200	2m	6.56ft	8.2kg	18.14lb
ET33-250	2.5m	8.20ft	10.1kg	22.24lb
ET33-300	3m	9.84ft	11.8kg	26.10lb
ET33-400	4m	13.12ft	15.3kg	33.73lb
ET33-500	5m	16.40ft	18.9kg	41.61lb



CORNERS



ET33-C21

3.7kg (8.26lb)
 2-way 90° corner
 0.5m (1.64ft)



ET33-T36

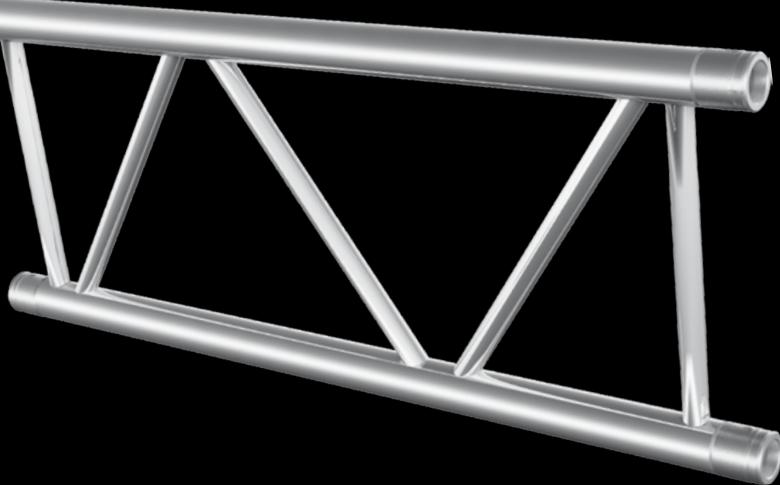
4.4kg (9.62lb)
 3-way vertical T-junction
 0.5m (1.64ft)



ET33-C41

4.9kg (10.84lb)
 4-way vertical cross junction
 0.5m (1.64ft)

QUICKLOCK LINE FT42 / HT42 double



SPECIFICATIONS FT42

**TECH
SPECS**

TUBES	50x2mm (2 x 0.08inch)
BRACES	25x3mm (1 x 0.12inch)
ALLOY	EN-AW 6082 T6

SPECIFICATIONS HT42

TUBES	50x3mm (2 x 0.12inch)
BRACES	25x3mm (1 x 0.12inch)
ALLOY	EN-AW 6082 T6

STRAIGHT SEGMENT LENGTHS FT42

CODE	LENGTH	WEIGHT
FT42-50	0.5m	1.64ft
FT42-75	0.75m	2.46ft
FT42-100	1m	3.28ft
FT42-150	1.5m	4.92ft
FT42-200	2m	6.56ft
FT42-250	2.5m	8.20ft
FT42-300	3m	9.84ft
FT42-350	3.5m	11.48ft
FT42-400	4m	13.12ft
FT42-450	4.5m	14.76ft
FT42-500	5m	16.40ft

STRAIGHT SEGMENT LENGTHS HT42

CODE	LENGTH	WEIGHT
HT42-50	0.5m	1.64ft
HT42-75	0.75m	2.46ft
HT42-100	1m	3.28ft
HT42-150	1.5m	4.92ft
HT42-200	2m	6.56ft
HT42-250	2.5m	8.20ft
HT42-300	3m	9.84ft
HT42-350	3.5m	11.48ft
HT42-400	4m	13.12ft
HT42-450	4.5m	14.76ft
HT42-500	5m	16.40ft

LOADING TABLES FT42 / HT42

	2m		4m		6m		8m		10m		12m		14m		16m	
Distrib. Load [kg/m]	756	1042	243	332	109	153	61	87	39	57	27	40	19	29	14	21
Deflection [mm]	1.2	1.1	6.4	5.9	14.7	14	26.7	25.7	42.7	42.1	63	63.5	87.8	87.9	115.3	115.2
Point load [kg]	756	1042	486	664	327	459	245	349	195	286	161	243	135	204	113	172
Deflection [mm]	1	0.9	5.1	4.7	11.8	11.3	21.6	20.8	34.8	34.3	51.8	52	72.9	72.5	96.7	95.9
	6.56ft		13.12ft		19.68ft		26.24ft		32.81ft		39.37ft		45.93ft		52.49ft	
Distrib. Load [lb/ft]	508.1	700.3	163.3	223.1	73.3	102.8	41	58.5	26.2	38.3	18.1	26.9	12.8	19.5	9.4	14.1
Deflection [inch]	0.05	0.04	0.3	0.2	0.6	0.6	1.1	1	1.7	1.7	2.5	2.5	3.5	3.5	4.5	4.5
Point load [lb]	1667	2297.6	1071.6	1464.1	721	1012.1	540.2	769.5	430	630.6	355	535.8	297.7	449.8	249.2	379.3
Deflection [inch]	0.04	0.04	0.2	0.2	0.5	0.4	0.9	0.8	1.4	1.4	2	2	2.9	2.9	3.8	3.8

Loading tables are valid for static loads and spans with two supporting points.

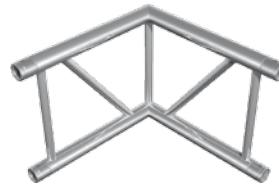
Spans must be supported at each end.

Contact structural engineer if there are more supporting points applied or dynamic and wind loads involved.

The listed loads are verified for simply supported beam.

The truss needs to be secured against horizontal movement every 1m for the loading tables to be valid.

CORNERS



FT42-C19-V

HT42-C19-V

3.2kg
(7.13lb)2-way 45° corner vertical
0.5m (1.64ft)

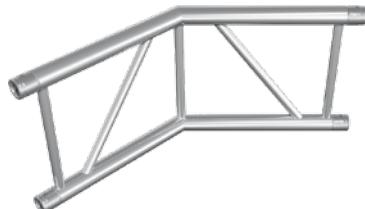
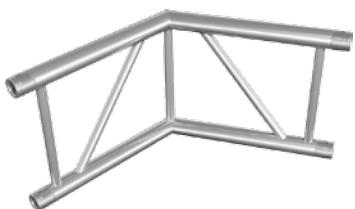
FT42-C20-V

HT42-C20-V

3.2kg
(7.13lb)2-way 60° corner vertical
0.5m (1.64ft)

FT42-C21-V

HT42-C21-V

3.2kg
(7.13lb)2-way 90° corner vertical
0.5m (1.64ft)

FT42-C22-V

HT42-C22-V

3.2kg
(7.13lb)2-way 120° corner vertical
0.5m (1.64ft)

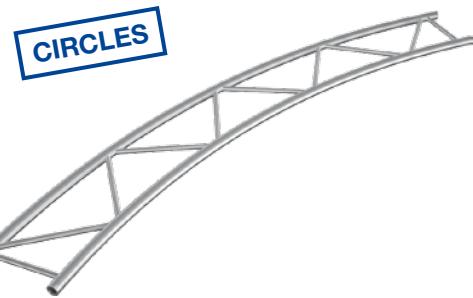
FT42-C23-V

HT42-C23-V

3.2kg
(7.13lb)2-way 135° corner vertical
0.5m (1.64ft)

FT42-T35-V

HT42-T35-V

3.4kg
(7.47lb)3-way vertical T-junction
0.5m (1.64ft)

CIRCLES

FT42-C41-V

HT42-C41-V

4.0kg
(8.89lb)4-way vertical cross
junction
0.5m (1.64ft)

FT42-31AD

HT42-31AD

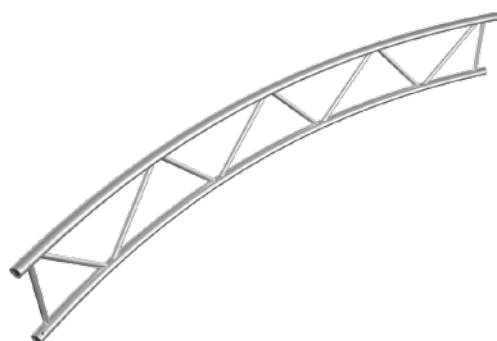
1.1kg
(2.43lb)FT42-FT31 Adapter /
HT42-HT31 Adapter

FT42-CH

HT42-CH

Circle horizontal
various diameters

QUICKLOCK LINE FT42 / HT42 double



FT42-CV

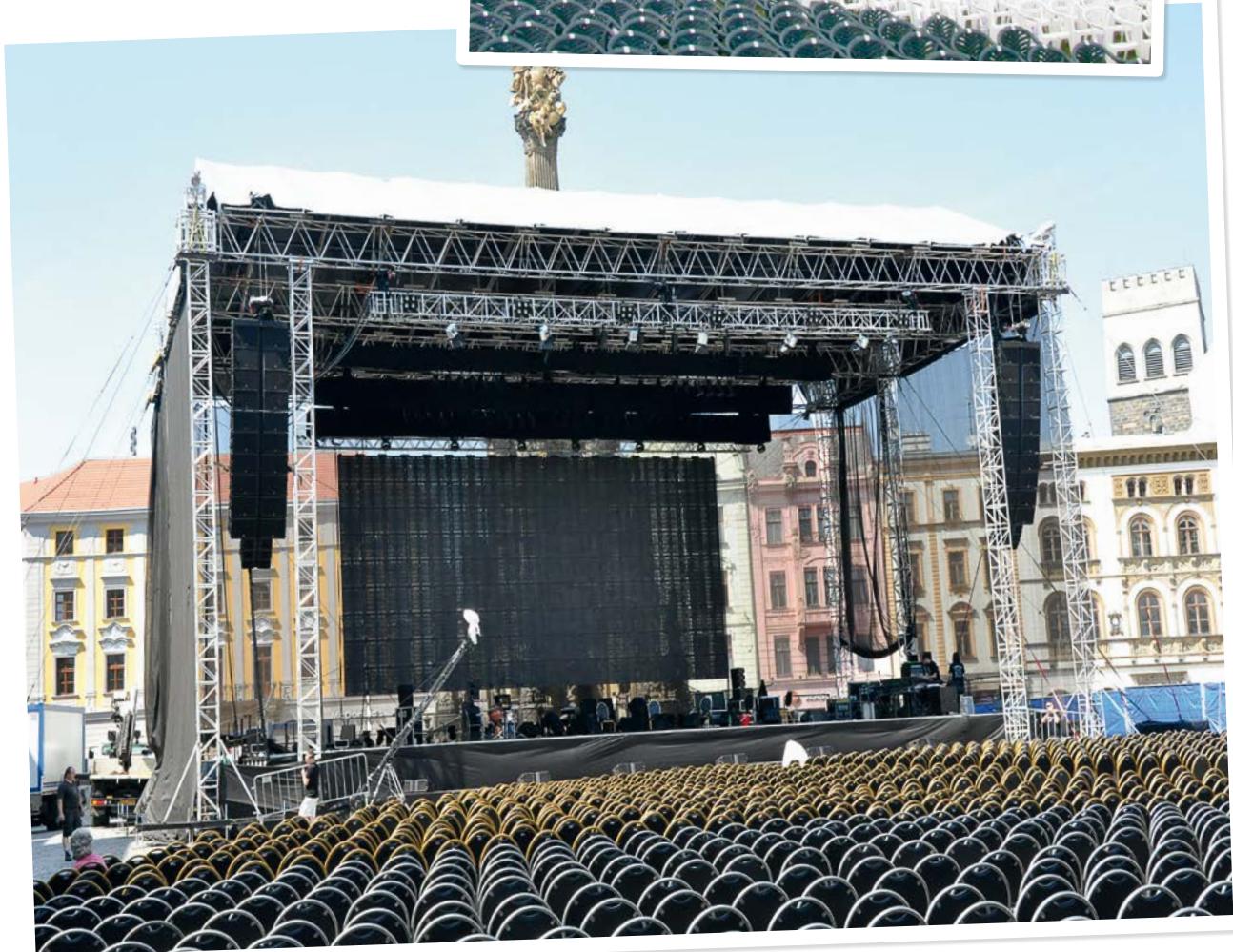
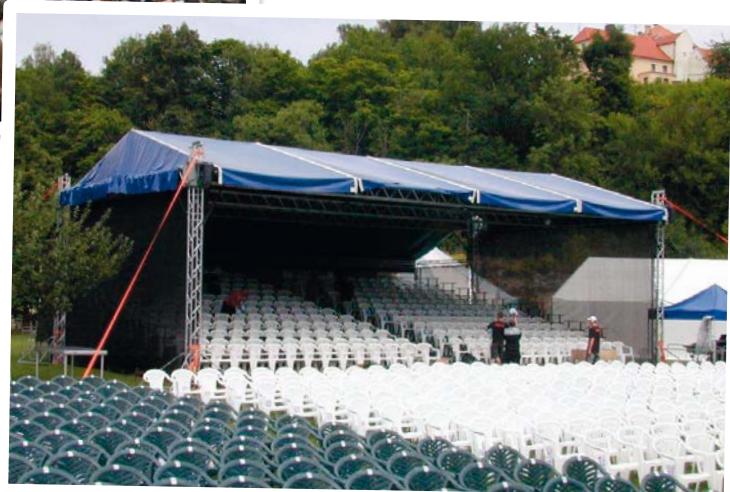


Circle vertical
various diameters

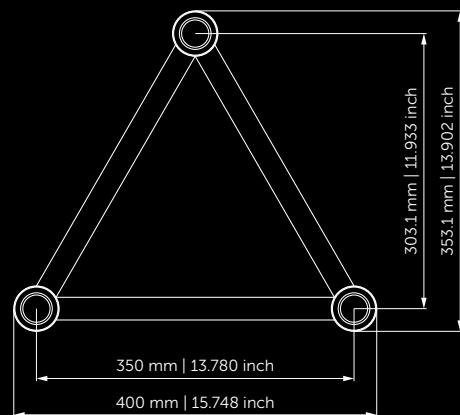
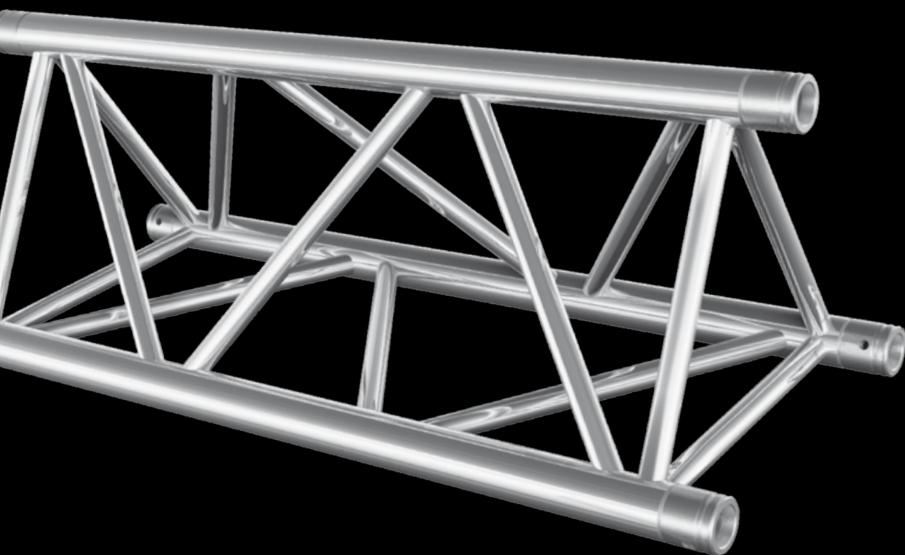
HT42-CV

Various types of colored powder coating are available for any type of trussing line. Available in RAL range. See samples below.





QUICKLOCK LINE FT43 / HT43 triangle



SPECIFICATIONS FT43

TECH SPECS

TUBES	50x2mm (2 x 0.08inch)
BRACES	25x3mm (1 x 0.12inch)
ALLOY	EN-AW 6082 T6

SPECIFICATIONS HT43

TUBES	50x3mm (2 x 0.12inch)
BRACES	25x3mm (1 x 0.12inch)
ALLOY	EN-AW 6082 T6

STRAIGHT SEGMENT LENGTHS FT43

CODE	LENGTH	WEIGHT
FT43-50	0.5m	1.64ft
FT43-75	0.75m	2.46ft
FT43-87.5	0.875m	2.87ft
FT43-100	1m	3.28ft
FT43-125	1.25m	4.10ft
FT43-150	1.5m	4.92ft
FT43-200	2m	6.56ft
FT43-250	2.5m	8.20ft
FT43-300	3m	9.84ft
FT43-350	3.5m	11.48ft
FT43-400	4m	13.12ft
FT43-450	4.5m	14.76ft
FT43-500	5m	16.40ft

STRAIGHT SEGMENT LENGTHS HT43

CODE	LENGTH	WEIGHT
HT43-50	0.5m	1.64ft
HT43-75	0.75m	2.46ft
HT43-87.5	0.875m	2.87ft
HT43-100	1m	3.28ft
HT43-125	1.25m	4.10ft
HT43-150	1.5m	4.92ft
HT43-200	2m	6.56ft
HT43-250	2.5m	8.20ft
HT43-300	3m	9.84ft
HT43-350	3.5m	11.48ft
HT43-400	4m	13.12ft
HT43-450	4.5m	14.76ft
HT43-500	5m	16.40ft

LOADING TABLES FT43 / HT43

	2m		4m		6m		8m		10m		12m		14m		16m	
Distrib. Load [kg/m]	779	1412	272	457	124	212	70	119	45	75	31	51	21	34	15	25
Deflection [mm]	1.3	1.6	7.2	8.1	16.9	19.4	31.3	35.3	50.9	56.2	75.6	81.9	100.8	108.8	133.3	140.9
Point load [kg]	779	1412	544	913	371	636	282	475	225	375	184	304	144	241	121	207
Deflection [mm]	1	1.2	5.8	6.5	13.6	15.7	25.5	28.6	41.8	45.9	62.8	67.5	84.9	90.7	116.1	123.7
	6.56ft		13.12ft		19.68ft		26.24ft		32.81ft		39.37ft		45.93ft		52.49ft	
Distrib. Load [lb/ft]	523.5	948.9	182.8	307.1	83.3	142.5	47	80	30.2	50.4	20.8	34.3	14.1	22.8	10.1	16.8
Deflection [inch]	0.1	0.1	0.3	0.3	0.7	0.8	1.2	1.4	2	2.2	3	3.2	4	4.3	5.2	5.5
Point load [lb]	1717.7	3113.5	1199.5	2013.2	818.1	1402.4	621.8	1047.4	496.1	826.9	405.7	670.3	317.5	531.4	266.8	456.4
Deflection [inch]	0.04	0.05	0.2	0.3	0.5	0.6	1	1.1	1.6	1.8	2.5	2.7	3.3	3.6	4.6	4.9

Loading tables are valid for static loads and spans with two supporting points.

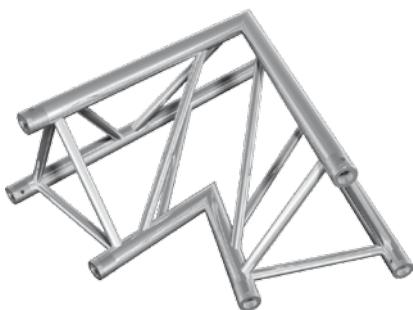
Spans must be supported at each end.

Contact structural engineer if there are more supporting points applied or dynamic and wind loads involved.

CORNERS



FT43-C19

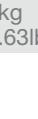
10.4kg
(22.83lb)2-way 45° corner
1.5m (4.92ft)

HT43-C19

FT43-C20

7.5kg
(16.50lb)2-way 60° corner
1m (3.28ft)

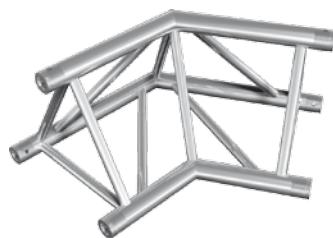
HT43-C20

8.9kg
(19.63lb)2-way 90° corner
0.5m (1.64ft)

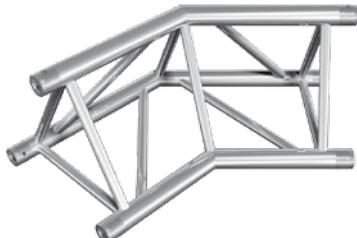
FT43-C21

4.4kg
(9.68lb)2-way 90° corner
0.5m (1.64ft)

HT43-C21



FT43-C22

5.1kg
(11.19lb)2-way 120° corner
0.5m (1.64ft)

HT43-C22

5.8kg
(12.81lb)2-way 135° corner
0.5m (1.64ft)

FT43-C23

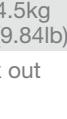
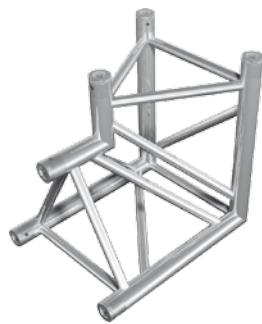
HT43-C23

5.2kg
(11.54lb)2-way 135° corner
0.5m (1.64ft)

FT43-C24



HT43-C24

4.0kg
(8.86lb)2-way 90° apex out
0.5m (1.64ft)

FT43-C25

5.0kg
(11.02lb)2-way 90° apex in
0.5m (1.64ft)

HT43-C25

5.7kg
(12.59lb)2-way 90° apex in
0.5m (1.64ft)

FT43-C31

HT43-C31

6.0kg
(13.16lb)3-way 90° corner apex up R
0.5m (1.64ft)

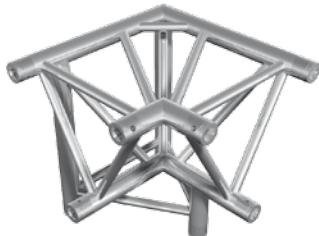
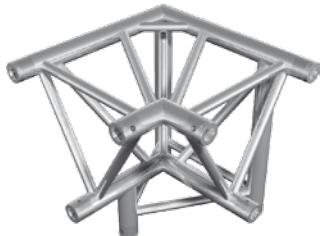
FT43-C32



HT43-C32

6.0kg
(13.16lb)3-way 90° corner apex up L
0.5m (1.64ft)

QUICKLOCK LINE FT43 / HT43 triangle



FT43-C33



6.4kg
(14.18lb)



3-way 90° corner apex
down R



0.5m (1.64ft)

HT43-C33



7.3kg
(16.01lb)

FT43-C34



6.4kg
(14.18lb)

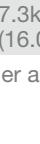


3-way 90° corner apex
down L



0.5m (1.64ft)

HT43-C34



7.3kg
(16.01lb)

FT43-T35



6.4kg
(14.01lb)

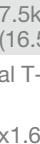


3-way horizontal T-junction
apex down



0.6x0.5m (1.97x1.64ft)

HT43-T35



7.5kg
(16.50lb)



FT43-T36



5.4kg
(11.85lb)



3-way horizontal T-junction
0.6x0.5m (1.97x1.64ft)

HT43-T36



6.0kg
(13.26lb)

FT43-T37



5.4kg
(11.90lb)



3-way horizontal T-junction
apex up
0.6x0.5m (1.97x1.64ft)

HT43-T37

FT43-T38



6.1kg
(13.35lb)



3-way vertical T-junction
0.6x0.5m (1.97x1.64ft)

HT43-T38



FT43-C41



6.8kg
(14.89lb)



4-way cross junction
0.6m (1.97ft)

HT43-C41



7.5kg
(16.48lb)

FT43-T42



7.5kg
(16.56lb)



4-way T-junction apex
down
0.6x0.5x0.5m
(1.97x1.64x1.64ft)

HT43-T42

FT43-T43



6.8kg
(14.91lb)



4-way T-junction apex up
0.6x0.5x0.5m
(1.97x1.64x1.64ft)

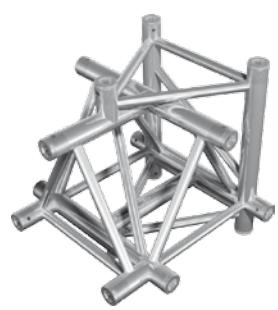
HT43-T43



FT43-C44

8.1kg
(17.88lb)4-way 90° corner R
0.5m (1.64ft)

HT43-C44

9.1kg
(20.03lb)4-way 90° corner L
0.5m (1.64ft)

FT43-T51

8.4kg
(18.45lb)5-way T-junction apex
down
0.6x0.6x0.5m
(1.97x1.97x1.64ft)

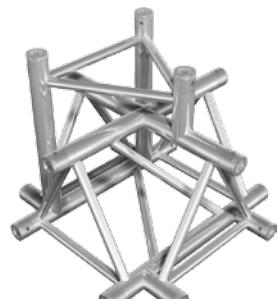
HT43-C45

9.1kg
(20.03lb)

HT43-T51

9.3kg
(20.61lb)

FT43-C52

7.9kg
(17.36lb)5-way cross junction apex
up
0.6x0.6x0.5m
(1.97x1.97x1.64ft)

HT43-C52

8.7kg
(19.15lb)5-way cross junction apex
down
0.6x0.6x0.5m
(1.97x1.97x1.64ft)

FT43-C53

8.8kg
(19.40lb)

HT43-C53

9.8kg
(21.70lb)

CIRCLES

FT43-C1

Circle apex up/down
various diameters

HT43-C1

FT43-C2

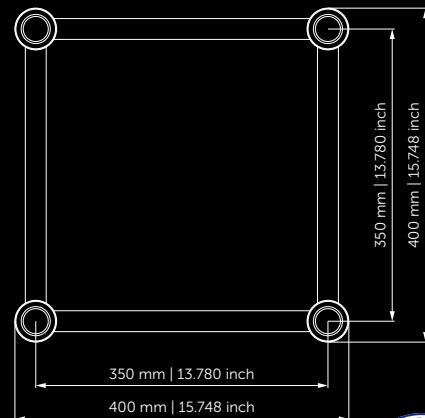
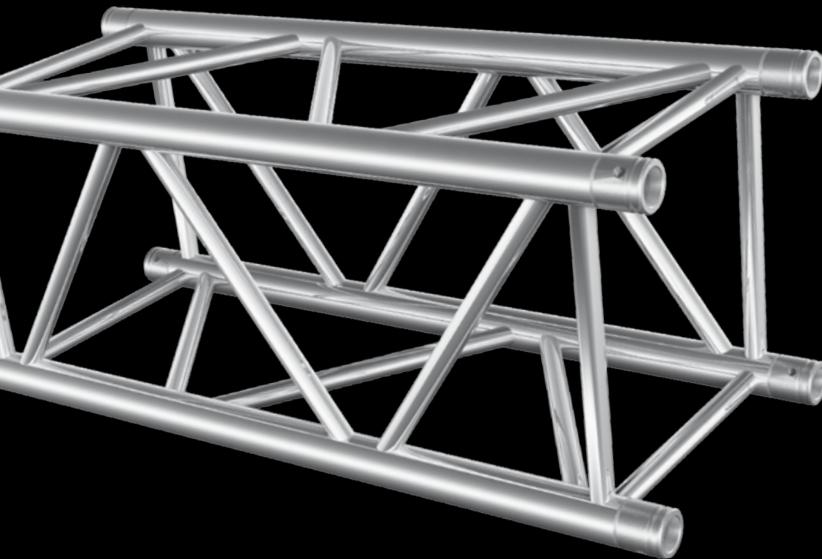
Circle apex in
various diameters

HT43-C2

FT43-C3

Circle apex out
various diameters

HT43-C3

**SPECIFICATIONS FT44****TECH SPECS**

TUBES	50x2mm (2 x 0.08inch)
BRACES	25x3mm (1 x 0.12inch)
ALLOY	EN-AW 6082 T6

SPECIFICATIONS HT44

TUBES	50x3mm (2 x 0.12inch)
BRACES	25x3mm (1 x 0.12inch)
ALLOY	EN-AW 6082 T6

STRAIGHT SEGMENT LENGTHS FT44

CODE	LENGTH	WEIGHT
FT44-50	0.5m	1.64ft
FT44-100	1m	3.28ft
FT44-150	1.5m	4.92ft
FT44-200	2m	6.56ft
FT44-250	2.5m	8.20ft
FT44-300	3m	9.84ft
FT44-350	3.5m	11.48ft
FT44-400	4m	13.12ft
FT44-450	4.5m	14.76ft
FT44-500	5m	16.40ft

STRAIGHT SEGMENT LENGTHS HT44

CODE	LENGTH	WEIGHT
HT44-50	0.5m	1.64ft
HT44-100	1m	3.28ft
HT44-150	1.5m	4.92ft
HT44-200	2m	6.56ft
HT44-250	2.5m	8.20ft
HT44-300	3m	9.84ft
HT44-350	3.5m	11.48ft
HT44-400	4m	13.12ft
HT44-450	4.5m	14.76ft
HT44-500	5m	16.40ft

LOADING TABLES FT44 / HT44

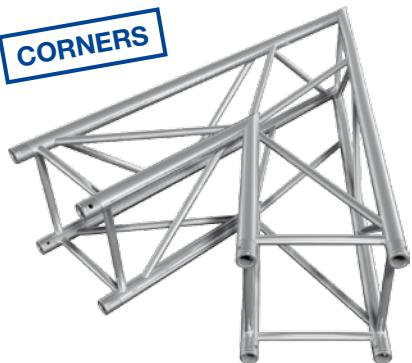
	2m		4m		6m		8m		10m		12m		14m		16m	
Distrib. Load [kg/m]	1805	2327	595	901	274	417	163	243	106	162	73	112	52	82	38	61
Deflection [mm]	1.5	1.3	7.8	8	18.4	18.9	35.2	35.4	57.3	58.8	83.5	86.5	114.9	119.8	151.1	158.7
Point load [kg]	1805	3267	1190	1803	823	1252	653	971	532	811	436	675	364	573	304	477
Deflection [mm]	1.2	1.4	6.2	6.4	14.8	15.2	28.5	28.5	46.6	47.6	68.4	70.5	94.7	98.3	124.5	127.8
	6.56ft		13.12ft		19.68ft		26.24ft		32.81ft		39.37ft		45.93ft		52.49ft	
Distrib. Load [lb/ft]	1213.1	1563.9	399.9	605.5	184.1	280.2	109.5	163.3	71.2	108.9	49.1	75.3	34.9	55.1	25.5	41
Deflection [inch]	0.1	0.1	0.3	0.3	0.7	0.7	1.4	1.4	2.3	2.3	3.3	3.4	4.5	4.7	5.9	6.2
Point load [lb]	3980	7203.7	2624	3975.6	1814.7	2760.7	1439.9	2141.1	1173.1	1788.3	961.4	1488.4	802.6	1263.5	670.3	1051.8
Deflection [inch]	0.05	0.1	0.2	0.3	0.6	0.6	1.1	1.1	1.8	1.9	2.7	2.8	3.7	3.9	4.9	5

Loading tables are valid for static loads and spans with two supporting points.

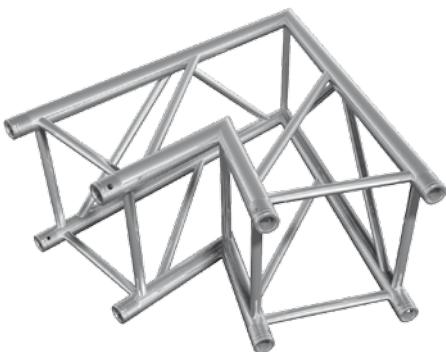
Spans must be supported at each end.

Contact structural engineer if there are more supporting points applied or dynamic and wind loads involved.

CORNERS



FT44-C19

14.1kg
(31.13lb)2-way 45° corner
1.5m (4.92ft)

HT44-C19

FT44-C20

9.5kg
(21.05lb)2-way 60° corner
1m (3.28ft)

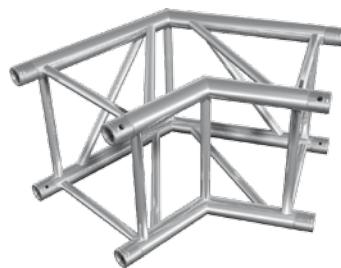
HT44-C20

11.4kg
(25.15lb)

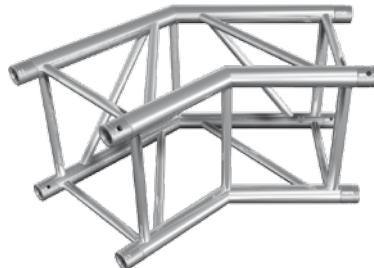
FT44-C21

6.1kg
(13.44lb)2-way 90° corner
0.5m (1.64ft)

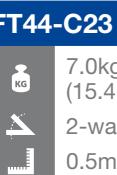
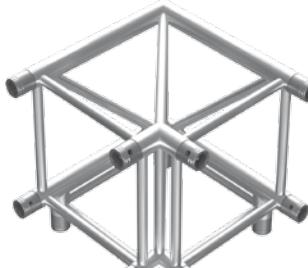
HT44-C21



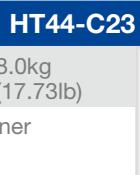
FT44-C22

6.8kg
(14.97lb)2-way 120° corner
0.5m (1.64ft)

HT44-C22

7.8kg
(17.11lb)2-way 135° corner
0.5m (1.64ft)

FT44-C23

7.0kg
(15.41lb)2-way 135° corner
0.5m (1.64ft)

HT44-C23

8.0kg
(17.73lb)3-way 90° corner
0.5m (1.64ft)

HT44-C30



FT44-T35

7.0kg
(15.39lb)3-way T-junction
0.6x0.5m (1.97x1.64ft)

HT44-T35

7.7kg
(17.06lb)4-way cross junction
0.6m (1.97ft)

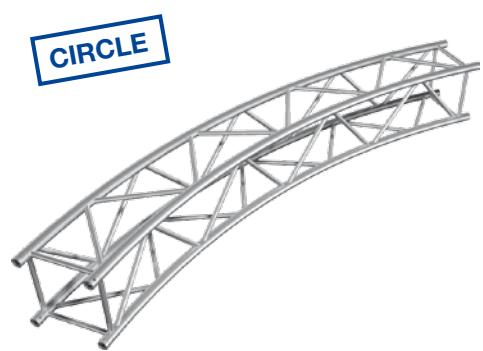
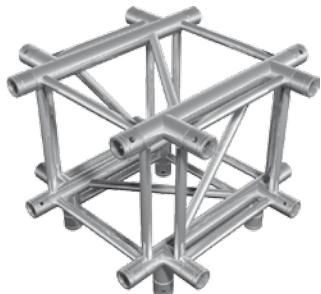
FT44-C41

HT44-C41

8.6kg
(19.00lb)4-way cross junction
0.6m (1.97ft)

HT44-T42

9.4kg
(20.73lb)4-way T-junction
0.6x0.5x0.5m
(1.97x1.64x1.64ft)



FT44-T51

9.5kg
(20.96lb)

5-way junction

0.6x0.6x0.5m
(1.97x1.97x1.64ft)

HT44-T51

10.4kg
(22.83lb)

FT44-42F

3.34kg
(7.36lb)Frame FT44+FT42 / Frame
HT44+HT42

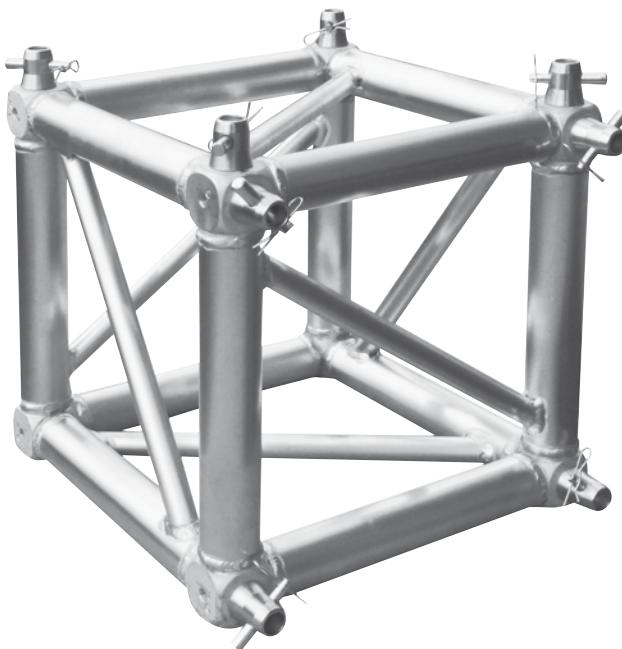
HT44-42F

3.84kg
(8.47lb)

FT44-C

Circle
various diameters

HT44-C



FT44-MCB

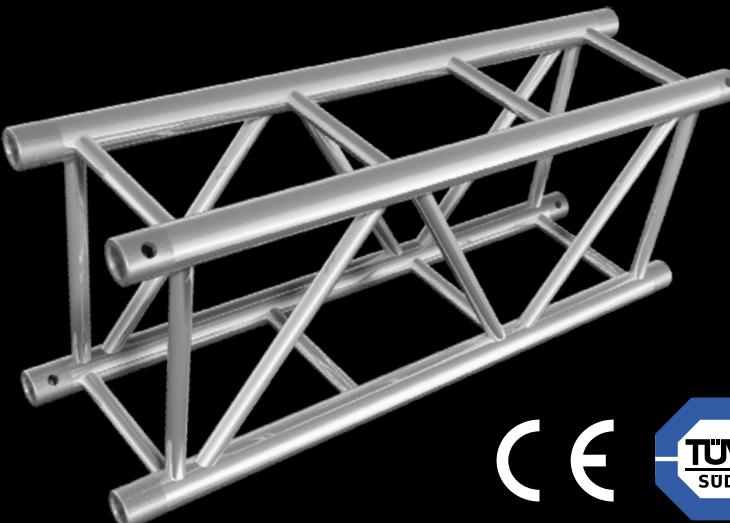
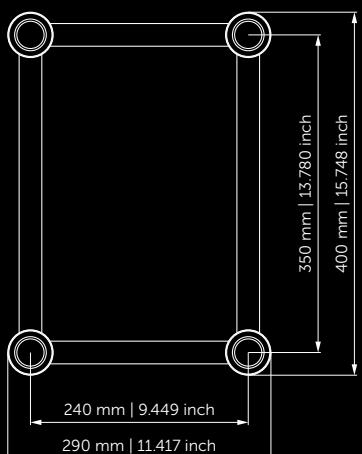
9.6kg
(20.96lb)Multi connection box
0.4m (1.31ft)

HT44-MCB

10.9kg
(23.94lb)

Includes 2 connection sets for two ways.*

FTR4030 rectangle



SPECIFICATIONS

TECH SPECS

TUBES	50x3mm (2 x 0.12inch)
BRACES	25x3mm (1 x 0.12inch)
ALLOY	EN-AW 6082 T6

STRAIGHT SEGMENT LENGTHS

CODE	LENGTH	WEIGHT		
FTR4030-50	0.5m	1.64ft	6.4kg	14.02lb
FTR4030-100	1m	3.28ft	10.1kg	22.28lb
FTR4030-150	1.5m	4.92ft	13.4kg	29.53lb
FTR4030-200	2m	6.56ft	16.6kg	36.62lb
FTR4030-250	2.5m	8.20ft	19.9kg	43.82lb
FTR4030-300	3m	9.84ft	23.9kg	52.64lb
FTR4030-350	3.5m	11.48ft	26.8kg	59.06lb
FTR4030-400	4m	13.12ft	30.1kg	66.43lb

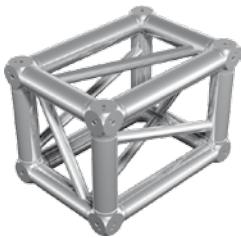
LOADING TABLES

	6m	8m	10m	12m	14m	16m	18m
Distrib. Load [kg/m]	464	261	167	115	85	63	47
Deflection [mm]	20.9	37.5	59.2	85.8	119.3	154.1	190
Point load [kg]	1392	1045	833	688	592	501	421
Deflection [mm]	16.8	30.2	47.7	69.5	97	126	156.3
	19.68ft	26.24ft	32.81ft	39.37ft	45.93ft	52.49ft	59.05ft
Distrib. Load [lb/ft]	311.8	175.4	112.2	77.3	57.1	42.3	31.6
Deflection [inch]	0.8	1.5	2.3	3.4	4.7	6.1	7.5
Point load [lb]	3069.4	2304.2	1836.8	1517	1305.4	1104.7	928.3
Deflection [inch]	0.7	1.2	1.9	2.7	3.8	5	6.2

Loading tables are valid for static loads and spans with two supporting points.

Spans must be supported at each end.

Contact structural engineer if there are more supporting points applied or dynamic and wind loads involved.



FTR4030-RBC



9.6kg (21.07lb)

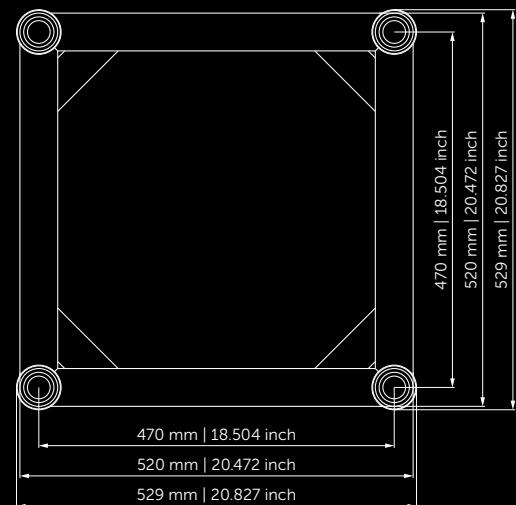
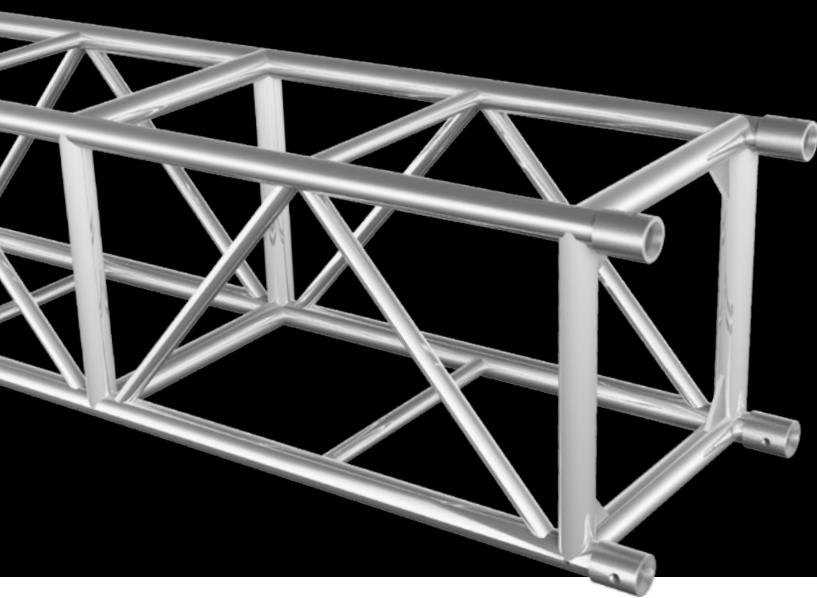


Multi Connection Box

Includes 2 connection sets for two ways.*

QUICKLOCK LINE

TT54 box



SPECIFICATIONS

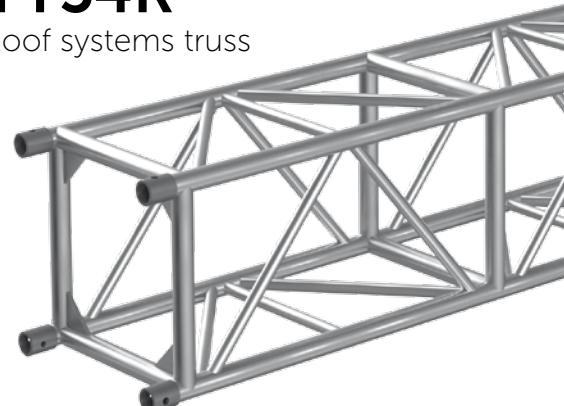
TECH SPECS

TUBES	50x4mm (2 x 0.16inch)
BRACES	30x3mm (1.2 x 0.12inch)
ALLOY	EN-AW 6082 T6



TT54R

Roof systems truss



STRAIGHT SEGMENT LENGTHS

CODE	LENGTH	WEIGHT	
TT54-50	0.5m	1.64ft	11.8kg
TT54-100	1m	3.28ft	17.1kg
TT54-200	2m	6.56ft	28.5kg
TT54-250	2.5m	8.20ft	36.2kg
TT54-300	3m	9.84ft	39.7kg
TT54-400	4m	13.12ft	51.3kg
			26.05lb
			37.74lb
			62.84lb
			79.81lb
			87.57lb
			113.18lb

LOADING TABLES

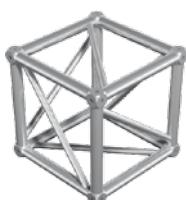
	6m	8m	10m	12m	14m	16m	18m	20m
Distrib. Load [kg/m]	729	409	259	177	128	93	69	52
Deflection [mm]	16.9	30.3	47.9	69.8	95.9	123.3	153.5	186.6
Point load [kg]	2188	1635	1296	1065	895	741	618	517
Deflection [mm]	14.1	25.3	40	58.1	79.9	102.7	128	155.5
	19.7ft	26.2ft	32.8ft	39.37ft	45.9ft	52.5ft	59.1ft	65.6ft
Distrib. Load [lb/ft]	489.9	274.9	174.1	118.95	86	62.5	46.4	34.9
Deflection [inch]	0.7	1.2	1.9	2.7	3.8	4.9	6	7.3
Point load [lb]	4824.5	3605.2	2857.7	2348.3	1973.5	1633.9	1362.7	1140
Deflection [inch]	0.6	1	1.6	2.3	3.1	4	5	6.1

Loading tables are valid for static loads and spans with two supporting points.

Spans must be supported at each end.

Contact structural engineer if there are more supporting points applied or dynamic and wind loads involved.

The data is only valid for TT54 truss when diagonals are in the side faces.



TT54-MCB

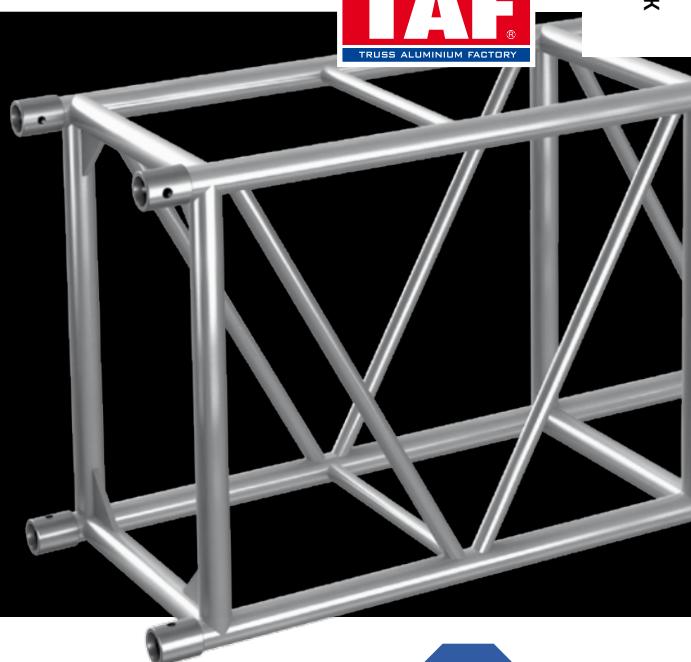
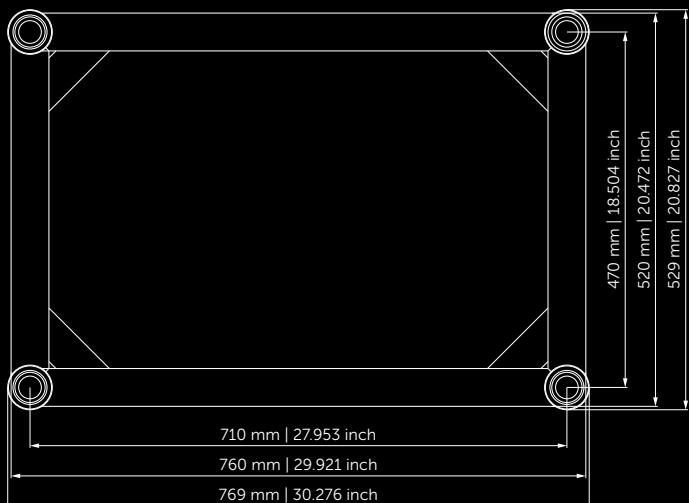


17.9kg (39.54lb)



Multi Connection Box

TT74 rectangle



SPECIFICATIONS

**TECH
SPECS**

TUBES	50x4mm (2 x 0.16inch)
BRACES	30x3mm (1.2 x 0.12inch)
ALLOY	EN-AW 6082 T6



STRAIGHT SEGMENT LENGTHS

CODE	LENGTH	WEIGHT		
TT74-50	0.5m	1.64ft	13.3kg	29.38lb
TT74-100	1m	3.28ft	19.2kg	42.30lb
TT74-200	2m	6.56ft	31.7kg	69.86lb
TT74-250	2.5m	8.20ft	41.0kg	90.43lb
TT74-300	3m	9.84ft	44.2kg	97.53lb
TT74-400	4m	13.12ft	56.5kg	124.51lb

LOADING TABLES

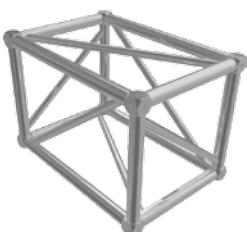
	6m	8m	10m	12m	14m	16m	18m	20m
Distrib. Load [kg/m]	713	530	394	270	195	146	112	88
Deflection [mm]	7.3	17.3	31.7	46.1	63.4	83.6	106.6	132.6
Point load [kg]	3116	2478	1968	1620	1365	1168	1009	877
Deflection [mm]	8.8	16.7	26.4	38.5	52.8	69.6	88.8	110.5
	19.7ft	26.2ft	32.8ft	39.37ft	45.9ft	52.5ft	59.1ft	65.6ft
Distrib. Load [lb/ft]	479.2	356.2	264.8	181.5	131	98.1	75.3	59.1
Deflection [inch]	0.3	0.7	1.2	1.8	2.5	3.3	4.2	5.2
Point load [lb]	6870.8	5464	4339.4	3572.1	3009.8	2575.4	2224.8	1933.8
Deflection [inch]	0.3	0.7	1	1.5	2.1	2.7	3.5	4.4

Loading tables are valid for static loads and spans with two supporting points.

Spans must be supported at each end.

Contact structural engineer if there are more supporting points applied or dynamic and wind loads involved.

The data is only valid for TT74 truss when diagonals are in the side faces.



TT74-MCB



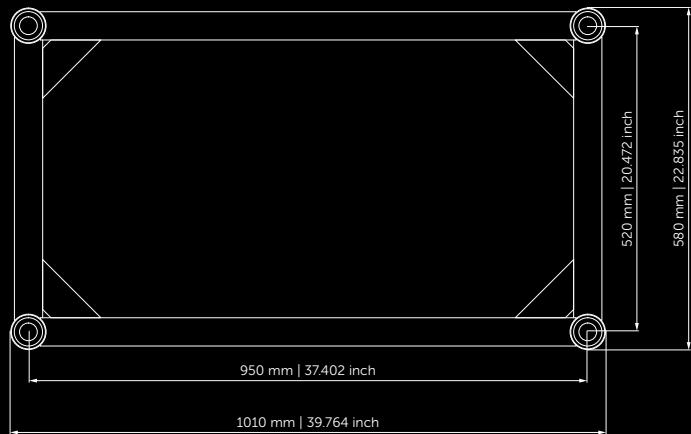
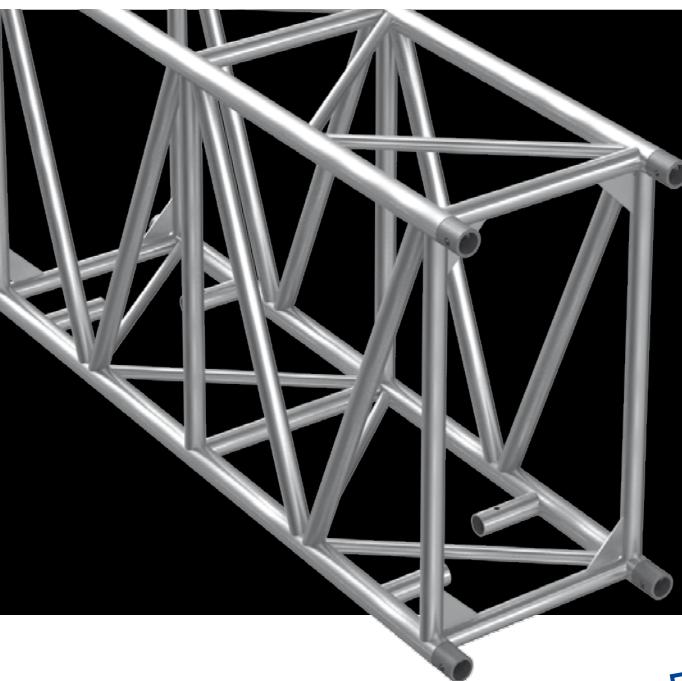
19.9kg (43.77lb)



Multi Connection Box

QUICKLOCK LINE

TT104 rectangle



SPECIFICATIONS

TECH SPECS

TUBES	60x6mm (2.4 x 0.02inch)
BRACES	30x3mm (1.18 x 0.12inch)
ALLOY	EN-AW 6082 T6



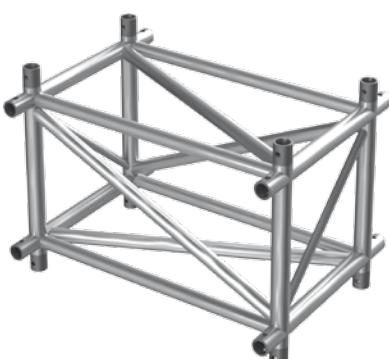
STRAIGHT SEGMENT LENGTHS

CODE	LENGTH	WEIGHT	
TT104-100	1m	3.28ft	30kg
TT104-200	2m	6.56ft	50kg
TT104-300	3m	9.84ft	70kg

LOADING TABLES

	8m	10m	12m	14m	16m	18m	20m	22m	24m	26m	28m	30m	32m	34m
Distrib. Load [kg/m]	1441,6	1148,7	835,7	607,9	460	358,7	286,2	232,5	191,7	160	134,8	114,4	97,8	84
Deflection [mm]	11,9	23,3	35,4	48,3	63,1	80	98,9	119,9	142,9	168,1	195,3	224,8	256,4	290,2
Point load [kg]	5880*	5157*	4513*	4000*	3570*	3196*	2861,7	2557,8	2300,7	2079,6	1886,8	1716,7	1564,9	1428,4
Deflection [mwm]	9,8	16,9	25,8	36,8	49,7	64,4	80,7	98,3	117,7	139,1	162,5	188	215,7	245,7
	26,2ft	32,8ft	39,37ft	45,9ft	52,5ft	59,1ft	65,6ft	72,2ft	78,7ft	85,3ft	91,9ft	98,4ft	105ft	111,6ft
Distrib. Load [lb/ft]	968,8	772,0	561,6	408,5	309,1	241,1	192,3	156,3	128,8	107,5	90,6	76,9	65,7	56,5
Deflection [inch]	0,5	0,9	1,4	1,9	2,5	3,1	3,9	4,7	5,6	6,6	7,7	8,9	10,1	11,4
Point load [lb]	12965,4	11371,2	9951,2	8820,0	7871,9	7047,2	6310,0	5639,9	5073,0	4585,5	4160,4	3785,3	3450,6	3149,6
Deflection [inch]	0,4	0,7	1,0	1,4	2,0	2,5	3,2	3,9	4,6	5,5	6,4	7,4	8,5	9,7

Loading tables are valid for static loads and spans with two supporting points. Spans must be supported at each end. Contact structural engineer if there are more supporting points applied or dynamic and wind loads involved.



High values of distributed loads are idealized. Loads must be applied to knot points!

* limited by interaction of shear and moment at the connection
Displacement connection is decisive!

TT104-C41



32.5kg (71.65lb)



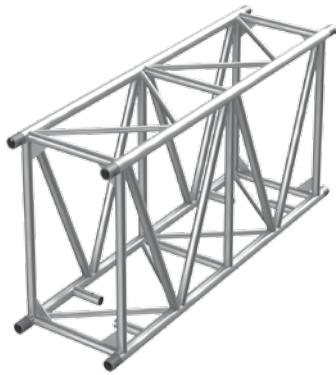
Multi Connection Box



TT104-100



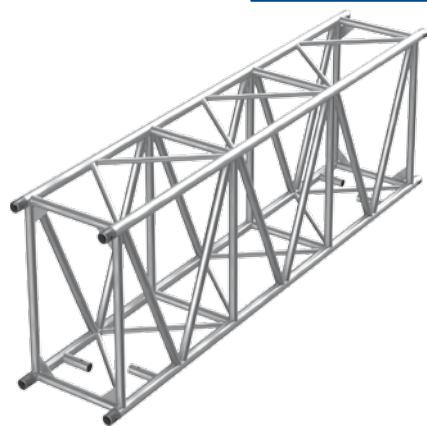
1m (3.28ft) straight segment



TT104-200



2m (6.56ft) straight segment



TT104-300



3m (9.84ft) straight segment





#3118

Connection set FT31



#3124

Connection set FT32, HT32,
FT42, HT42



#3135

Connection set FT33, HT33,
FT43, HT43



#3146

Connection set FT34, HT34,
FT44, HT44



#4346

Connection set FTR4030



#5446

Connection set TT54



#7446

Connection set TT74



#3101

Conical connector diam. 36mm
(1.61") FT31-HT44



#4341

Conical connector diam. 36mm
(1.61") FTR4030



#5441

Conical connector diam. 45mm
(1.77") TT54, TT74



#3102

Spacer 10mm (0.39") male
FT31-HT44



#3103

Spacer 20mm (0.78") male
FT31-HT44



#3104

Spacer 30mm (1.18") male
FT31-HT44



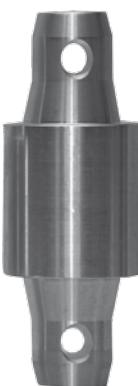
#3105

Spacer 40mm (1.57") male
FT31-HT44



#3106

Spacer 50mm (1.96") male
FT31-HT44



#3107

Spacer 55mm (2.16") male
FT31-HT44



#3108

Adjustable Spacer 120-170mm



#3110

Halfconnector male aluminium
+10mm (0.39") offset with M10
thread FT31-HT44



#3111

Halfconnector male aluminium +10mm (0.39") offset with M12 thread FT31-HT44

#3113

Halfconnector male aluminium with thread M10 FT31-HT44

#3114

Halfconnector male aluminium with thread M12 FT31-HT44



#3115

Halfconnector male steel with thread M10 FT31-HT44

#3116

Halfconnector male steel FT31-HT44 for M12

#3117

Female fitting FT31-HT44 for M12



#4345

Female fitting FTR4030 for M12

#5445

Female fitting TT54, TT74 for M16

#3120

Spacer 105mm (4.13") female FT31-HT44



#3121

Spacer 170mm (6.69") female
FT31-HT44



#3122

Spacer 210mm (8.27") female
FT31-HT44



#3150

Pin FT31-HT44



#3151

Pin with thread M8 FT31-HT44



#4342

Pin FTR4030



#4344

Pin M10 FTR4030



#7442

Pin TT54, TT74



#3152

Safety clip FT31-HT44



#4343

Safety clip FTR4030, TT54, TT74

**#3109**

Endcap FT31-HT44

**#8202**

Corner brace in different lengths

**#9502**

Universal TV Holder FT32-HT44

**#8013**

Truss Holder FT32-HT44 1000kg

#8040

Truss Holder FT22-24 150kg

**#8201**

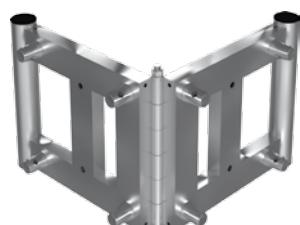
Universal clamp in different lengths

**#8203**

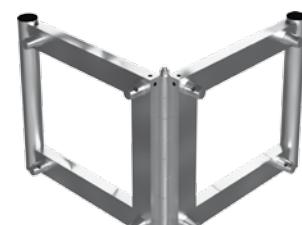
Truss ring for FT34, HT34

**#8204**

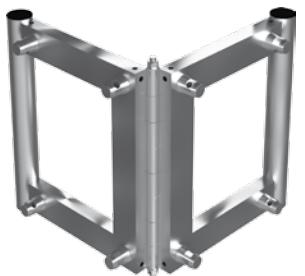
Clamp on outrigger for FT30 series

**#8301**

Book corner FT33, HT33, FT34, HT34

**#8302**

Book corner FT44, HT44



#8303

Book corner FTR4030



#8304

Book corner plated FT33, HT33,
FT34, HT34

#8008

Plastic carriers for FT33, HT33,
FT34, HT34

#3001

Base plate for FT31 male



#3002

Base plate for FT32 male



#3003

Base plate for FT33 male



#3001/W

Wall plate for FT31 male



#3002/W

Wall plate for FT32 male



#3003/W

Wall plate for FT33 male

#3004

Base plate for FT34 male



#3002/F

Base plate for FT32 female

#3003/F

Base plate for FT33 female

#3004/W

Wall plate for FT34 male



#3002/F/W

Wall plate for FT32 female

#3003/F/W

Wall plate for FT33 female



#3004/F

Base plate for FT34 female

#3004/F/W

Wall plate for FT34 female

#3007

Base plate for FT42 male

#3007/W

Wall plate for FT42 male

#3008

Base plate for FT43 male

#3008/W

Wall plate for FT43 male



#4004

Base plate for FT44 male

#4004/W

Wall plate for FT44 male

#3007/F

Base plate for FT42 female

#3007/F/W

Wall plate for FT42 female

#3008/F

Base plate for FT43 female

#3008/F/W

Wall plate for FT43 female



#4004/F

Base plate for FT44 female

#4004/F/W

Wall plate for FT44 female

#1000

Universal steel base plate;
black/zinc; 0.5x0.5x0.015m
(1.64x1.64ft); FT31-HT44

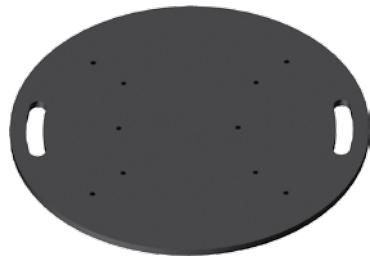
#1001

Universal steel base plate;
black/zinc; 0.8x0.8x0.015m
(2.62x2.62ft); FT31-HT44



#3005

Universal base plate; aluminium
3x1ft; FT23, FT24, FT33, HT33,
FT34, HT34



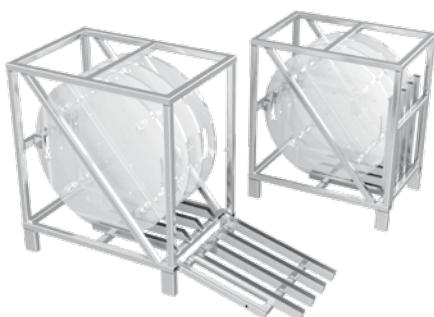
#3006

Universal base plate; black/zinc;
 \varnothing 0.65x0.015m (2.13ft); FT33,
HT33, FT34, HT34, FT44, HT44



#1002

Dolly for Base Plates
800x800mm



#1003

Dolly for Base Plates Circle
 \varnothing 650mm



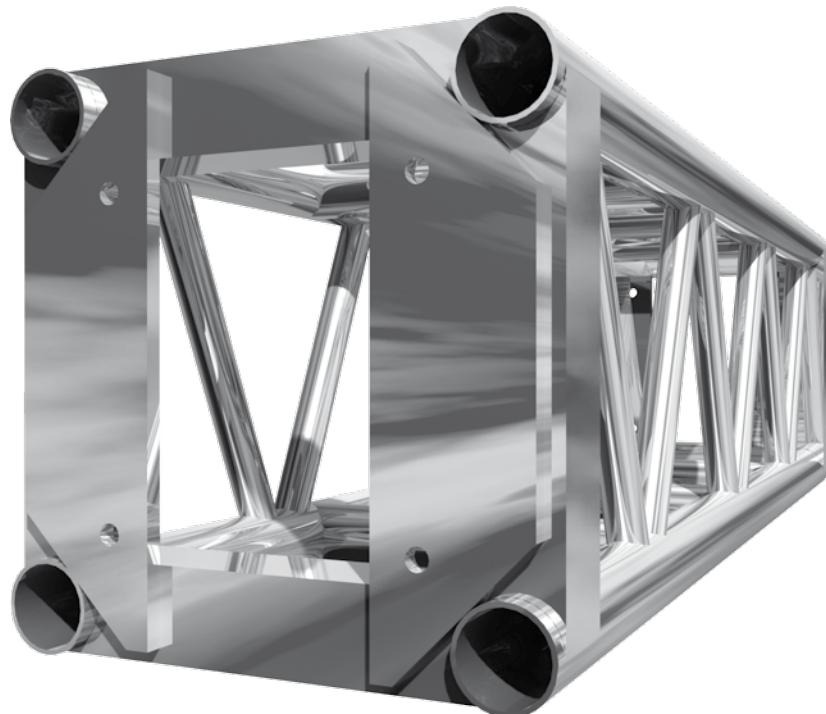


BOLTED TRUSS

TAF bolted truss includes three types of bolted trussing lines – light duty, medium duty and heavy duty. The connection is made by bolting two aluminium plates together in all four corners of the trussing segments.

Bolted truss represents a traditional type of connection. The trussing segments are connected by bolting the aluminium plates together.

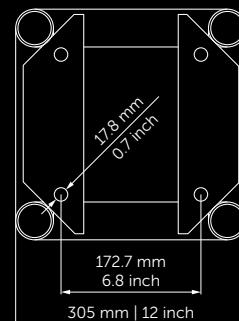
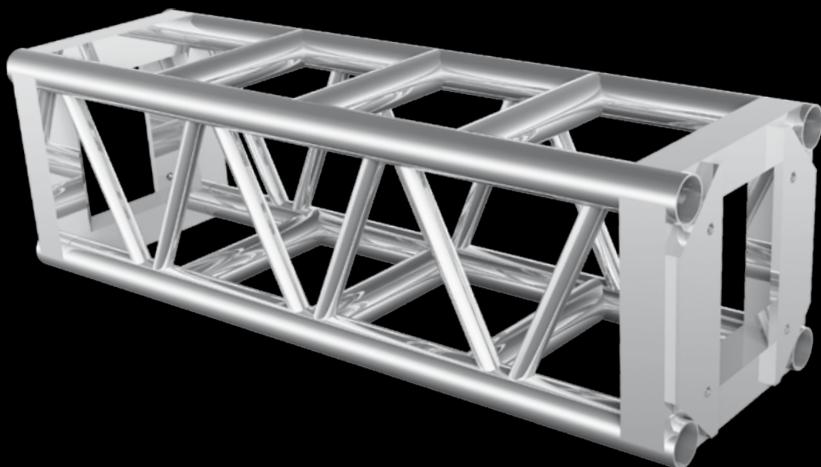
Custom lengths and shapes in metric and imperial sizes are available on request.



Bolted Truss Connection

BOLTED TRUSS

FTB-L



SPECIFICATIONS

**TECH
SPECS**

TUBES	50x3mm (2 x 0.12inch)
BRACES	25x3mm (1 x 0.12inch)
ALLOY	EN-AW 6082 T6



STRAIGHT SEGMENT LENGTHS

CODE	LENGTH	WEIGHT
FTB-L-5	1.524m	5.00ft
FTB-L-8	2.438m	8.00ft
FTB-L-10	3.048m	10.00ft

LOADING TABLES

	1.52m	3.05m	4.57m	6.1m	7.6m	9.14m	12.2m
Distrib. Load [kg/m]	1512	605	342	187	116	77	38
Deflection [mm]	0.6	3.6	10.6	18.9	29.6	42.8	77
Point load [kg]	1149	922	782	571	442	353	234
Deflection [mm]	0.5	3.3	9.7	17.3	27.2	39.3	71.1
	5ft	10ft	15ft	20ft	25ft	30ft	40ft
Distrib. Load [lb/ft]	1016	407	230	126	78	52	26
Deflection [inch]	0.02	0.1	0.4	0.7	1.2	1.7	3
Point load [lb]	2534	2033	1724	1259	975	778	516
Deflection [inch]	0.02	0.1	0.4	0.7	1.1	1.5	2.8

Loading tables are valid for static loads and spans with two supporting points.

Spans must be supported at each end.

Contact structural engineer if there are more supporting points applied or dynamic and wind loads involved.



FTB-L-CB-6



11.6kg (25.49lb)



Connection Box multiple ways



FTB-L-CH



Circle horizontal various diameters

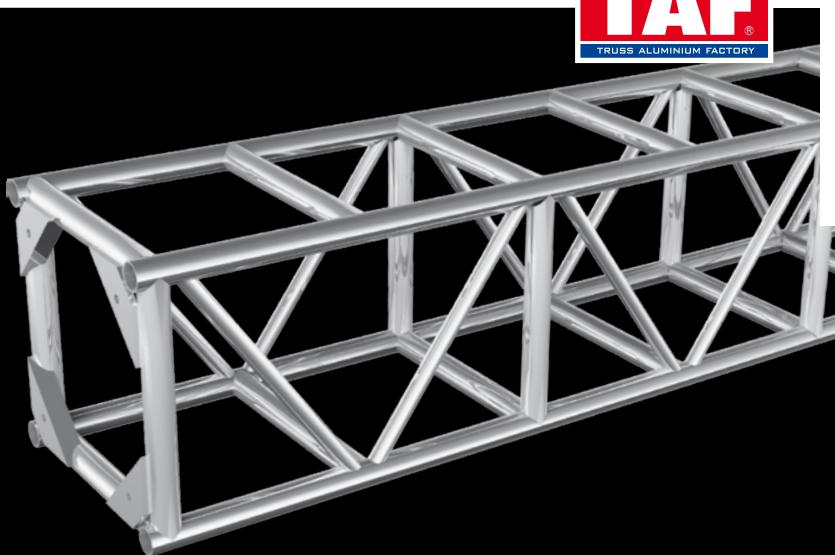
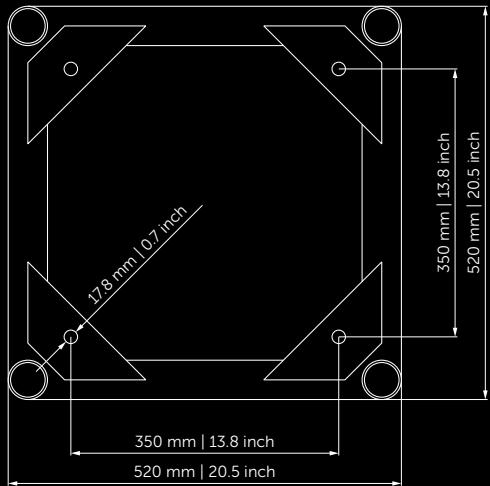


FTB-L-CV



Circle vertical various diameters

FTB-M



BOLTED
TRUSS

SPECIFICATIONS

TUBES	50x3mm (2 x 0.12inch)
BRACES	25x3mm (1 x 0.12inch)
ALLOY	EN-AW 6082 T6

TECH SPECS



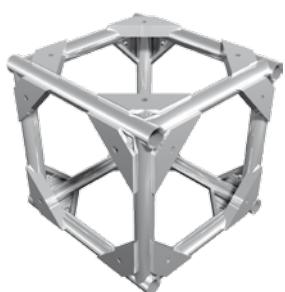
STRAIGHT SEGMENT LENGTHS

CODE	LENGTH	WEIGHT
FTB-M-5	1.524m	5.00ft
FTB-M-8	2.438m	8.00ft
FTB-M-10	3.048m	10.00ft

LOADING TABLES

	1.52m	3.05m	4.57m	6.1m	7.6m	9.14m	12.2m
Distrib. Load [kg/m]	2324	1150	694	382	239	162	84
Deflection [mm]	0.2	2	6.2	11.1	17.3	24.9	44.8
Point load [kg]	2879	2251	1585	1166	912	739	512
Deflection [mm]	0.4	2.4	5.7	10.1	15.9	22.9	41.2
	5ft	10ft	15ft	20ft	25ft	30ft	40ft
Distrib. Load [lb/ft]	1562	773	466	257	161	109	57
Deflection [inch]	0.01	0.1	0.2	0.4	0.7	1	1.8
Point load [lb]	6348	4964	3495	2571	2011	1630	1129
Deflection [inch]	0.02	0.1	0.2	0.4	0.6	0.9	1.6

Loading tables are valid for static loads and spans with two supporting points. Spans must be supported at each end. Contact structural engineer if there are more supporting points applied or dynamic and wind loads involved.



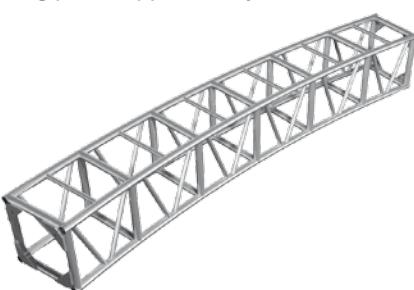
FTB-M-CB-6



18.16kg (40lb)



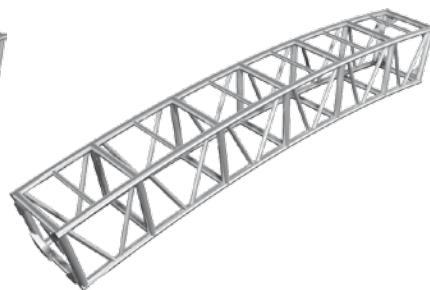
Connection Box multiple ways



FTB-M-CH



Circle horizontal various diameters



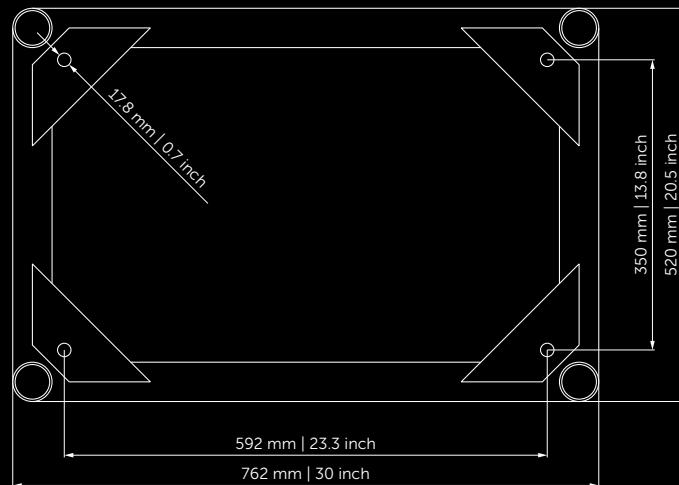
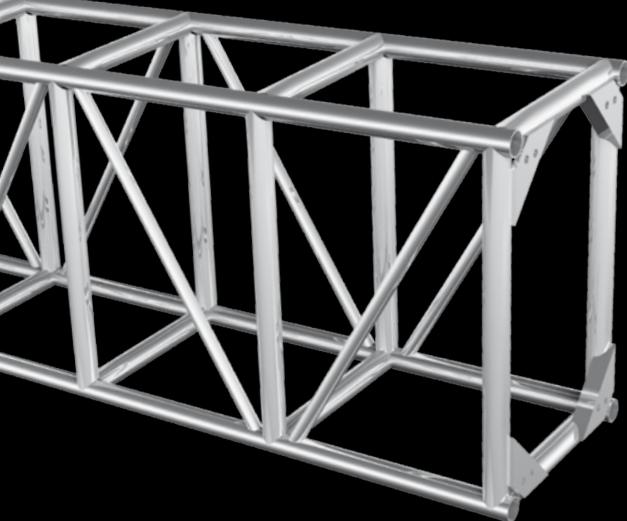
FTB-M-CV



Circle vertical various diameters

BOLTED TRUSS

FTB-H



SPECIFICATIONS

TUBES	50x3mm (2 x 0.12inch)
BRACES	25x3mm (1 x 0.12inch)
ALLOY	EN-AW 6082 T6

TECH SPECS



STRAIGHT SEGMENT LENGTHS

CODE	LENGTH	WEIGHT
FTB-H-5	1.524m	5.00ft
FTB-H-8	2.438m	8.00ft
FTB-H-10	3.048m	10.00ft

LOADING TABLES

	1.52m 5ft	3.05m 10ft	4.57m 15ft	6.1m 20ft	7.6m 25ft	9.14m 30ft	12.2m 40ft
Distrib. Load [kg/m]	1982	980	649	482	382	272	145
Deflection [mm]	0.1	0.8	2.5	6	11.8	17.6	31.5
Point load [kg]	3013	2989	2594	1922	1516	1241	887
Deflection [mm]	0.2	1.4	4	7.2	11.2	16.2	29
	5ft	10ft	15ft	20ft	25ft	30ft	40ft
Distrib. Load [lb/ft]	1332	659	436	324	257	183	97
Deflection [inch]	0.01	0.03	0.1	0.2	0.5	0.7	1.2
Point load [lb]	6644	6591	5720	4238	3343	2736	1956
Deflection [inch]	0.01	0.1	0.2	0.3	0.4	0.6	1.1

Loading tables are valid for static loads and spans with two supporting points. Spans must be supported at each end. Contact structural engineer if there are more supporting points applied or dynamic and wind loads involved.



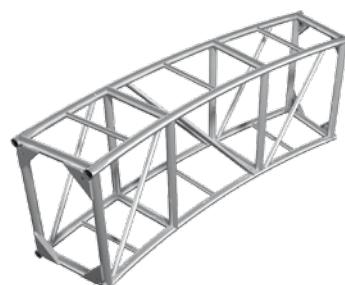
FTB-H-CB-4



15.8kg (35lb)



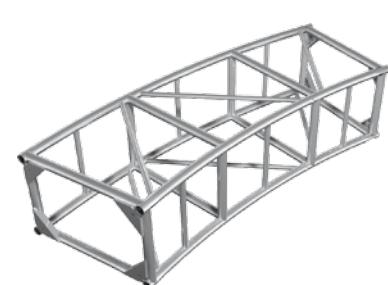
Connection Box multiple ways



FTB-H-CH



Circle horizontal various diameters



FTB-H-CV



Circle vertical various diameters





FORK TRUSS

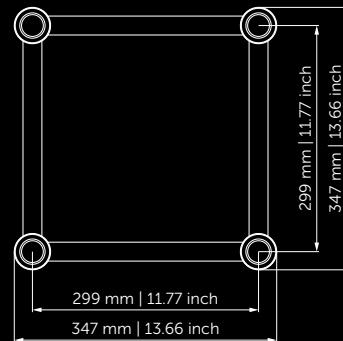
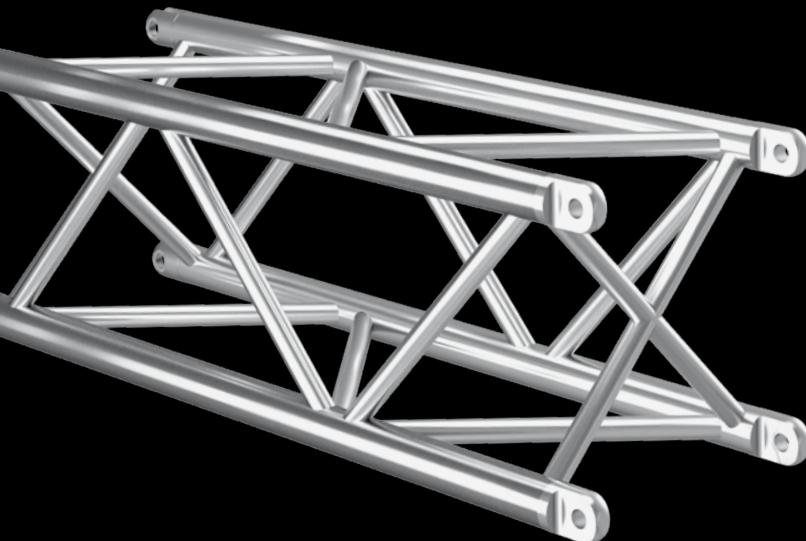
FORK
TRUSS

Fork truss system connection of the trussing segments is made by fork connectors. There is always a female set of fork connectors on one side of the truss and a male set on the other in order to put the segments together easily. The connection is secured by special fork truss pin and safety clip.

Custom lengths and shapes in metric and imperial sizes are available on request.



Fork Truss Connection

**SPECIFICATIONS****TECH SPECS**

TUBES	48x4.5mm (1.89 x 0.18inch)
BRACES	25x3mm (1 x 0.12inch)
ALLOY	EN-AW 6082 T6

STRAIGHT SEGMENT LENGTHS

CODE	LENGTH	WEIGHT
GS350-2FT	0.609m	2.00ft
GS350-4FT	1.219m	4.00ft
GS350-6FT	1.828m	6.00ft
GS350-8FT	2.438m	8.00ft
GS350-10FT	3.048m	10.00ft
GS350-12FT	3.657m	12.00ft
GS350-14FT	4.267m	14.00ft

LOADING TABLES

	4m	6m	8m	10m	12m	14m	16m
Distrib. Load [kg/m]	995	436	240	150	100	71	52
Deflection [mm]	9.2	20.7	36.8	57.7	83.3	113.9	149.4
Point load [kg]	1991	1308	961	748	603	495	412
Deflection [mm]	8.4	18.9	33.7	52.9	76.5	104.8	137.8
	13.12ft	19.68ft	26.24ft	32.81ft	39.37ft	45.93ft	52.49ft
Distrib. Load [lb/ft]	669	293	161	101	67	48	35
Deflection [inch]	0.4	0.8	1.4	2.3	3.3	4.5	5.9
Point load [lb]	4390	2884	2119	1649	1330	1092	909
Deflection [inch]	0.3	0.7	1.3	2.1	3	4.1	5.4

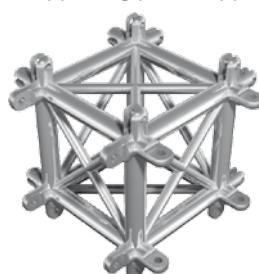
Loading tables are valid for static loads and spans with two supporting points.

Spans must be supported at each end.

Contact structural engineer if there are more supporting points applied or dynamic and wind loads involved.

GS350-MCB

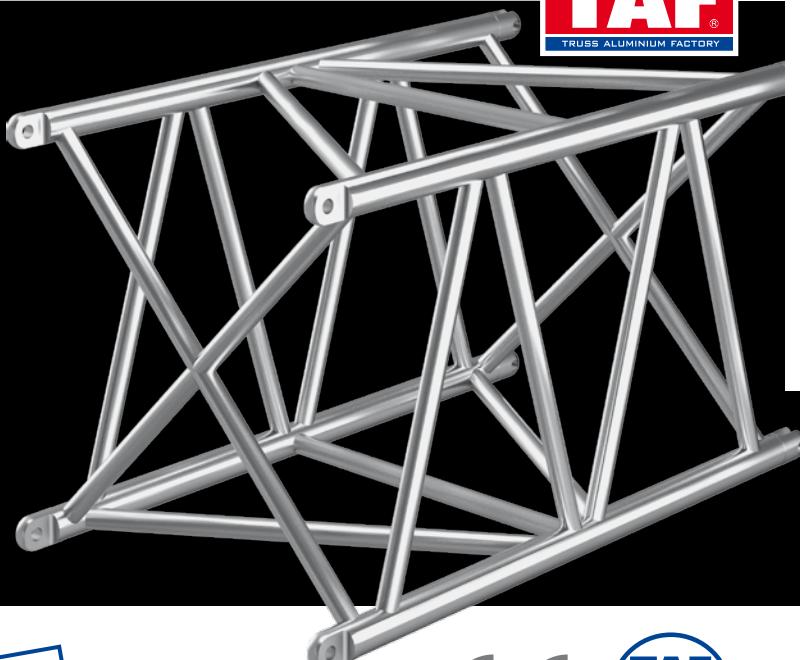
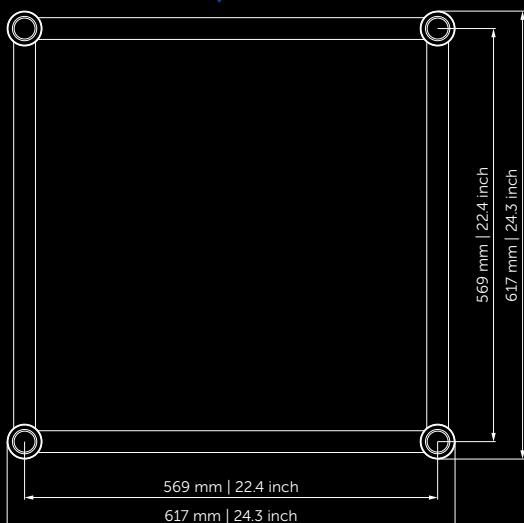
Multiconnection Box



All other corner variants are available on request.

GS620

TAF
TRUSS ALUMINUM FACTORY



FORK
TRUSS

SPECIFICATIONS

TUBES	48x4.5mm (1.89 x 0.18inch)
BRACES	30x3mm (1.2 x 0.12inch)
ALLOY	EN-AW 6082 T6

TECH
SPECS



STRAIGHT SEGMENT LENGTHS

CODE	LENGTH	WEIGHT	
GS620-2FT	0.609m	2.00ft	9.8kg
GS620-4FT	1.219m	4.00ft	19.1kg
GS620-6FT	1.828m	6.00ft	26.3kg
GS620-8FT	2.438m	8.00ft	33.6kg
GS620-10FT	3.048m	10.00ft	40.7kg

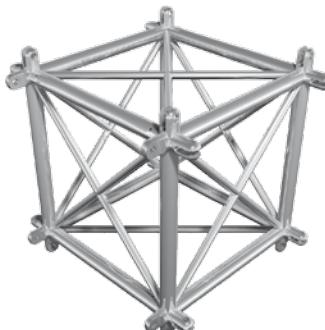
LOADING TABLES

	4m	6m	8m	10m	12m	14m	16m
Distrib. Load [kg/m]	1657	837	464	292	198	142	105
Deflection [mm]	4.2	10.8	19.3	30.2	43.6	59.6	78
Point load [kg]	3802	2510	1856	1458	1188	991	839
Deflection [mm]	4.4	9.9	17.7	27.7	40	54.7	71.8
	13.12ft	19.68ft	26.24ft	32.81ft	39.37ft	45.93ft	52.49ft
Distrib. Load [lb/ft]	1114	563	312	196	133	95	71
Deflection [inch]	0.2	0.4	0.8	1.2	1.7	2.3	3.1
Point load [lb]	8383	5535	4093	3215	2620	2185	1850
Deflection [inch]	0.2	0.4	0.7	1.1	1.6	2.2	2.8

Loading tables are valid for static loads and spans with two supporting points.

Spans must be supported at each end.

Contact structural engineer if there are more supporting points applied or dynamic and wind loads involved.



GS620-MCB

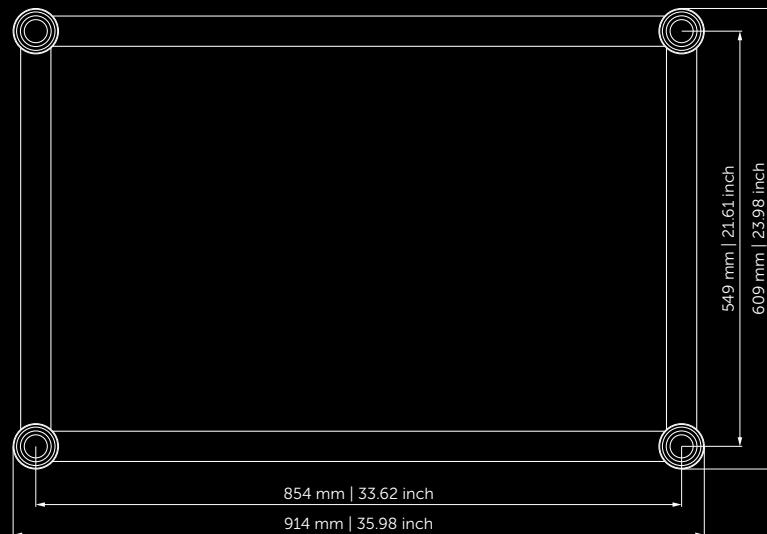
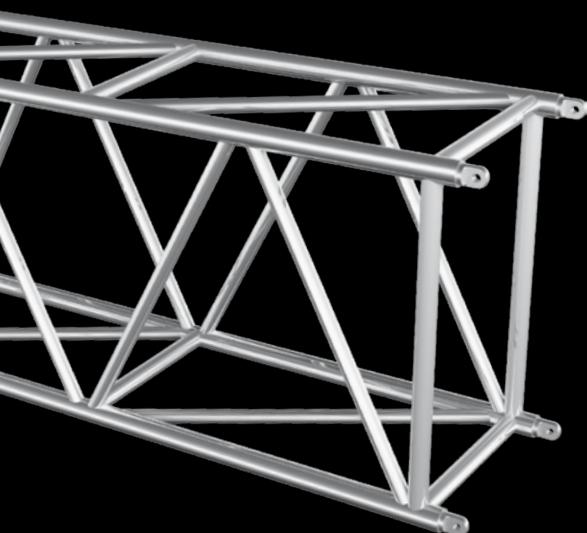


Multiconnection Box

All other corner variants are available on request.

FORK TRUSS

GS910



SPECIFICATIONS

TUBES	60x5mm (2.4 x 0.2inch)
BRACES	40x3mm (1.6 x 0.12inch)
ALLOY	EN-AW 6082 T6

TECH SPECS



STRAIGHT SEGMENT LENGTHS

CODE	LENGTH	WEIGHT
GS910-100	1m	3.28ft
GS910-200	2m	6.56ft
GS910-240	2.4m	7.87ft
GS910-300	3m	9.84ft
		56.48lb
		43.1kg
		51.0kg
		112.42lb
		59.6kg
		131.32lb

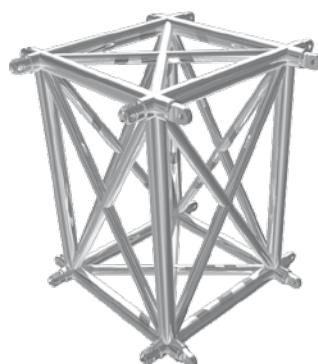
LOADING TABLES

	6m	8m	10m	12m	14m	16m	18m	20m
Distrib. Load [kg/m]	1241	927	738	544	395	299	232	185
Deflection [mm]	5.1	12	23.5	36.2	49.3	64.5	81.7	101.1
Point load [kg]	6679	4980	3953	3263	2766	2388	2091	1850
Deflection [mm]	8.2	14.7	23	33.1	45.1	59.1	74.9	92.8
	19.68ft	26.24ft	32.81ft	39.37ft	45.93ft	52.49ft	59.1ft	65.6ft
Distrib. Load [lb/ft]	834	623	496	366	265	201	156	124
Deflection [inch]	0.2	0.5	0.9	1.4	1.9	2.5	3.2	4
Point load [lb]	14727	10981	8716	7195	6099	5266	4611	4079
Deflection [inch]	0.3	0.6	0.9	1.3	1.8	2.3	2.9	3.7

Loading tables are valid for static loads and spans with two supporting points.

Spans must be supported at each end.

Contact structural engineer if there are more supporting points applied or dynamic and wind loads involved.



GS910-MCB



Multiconnection rectangular cube

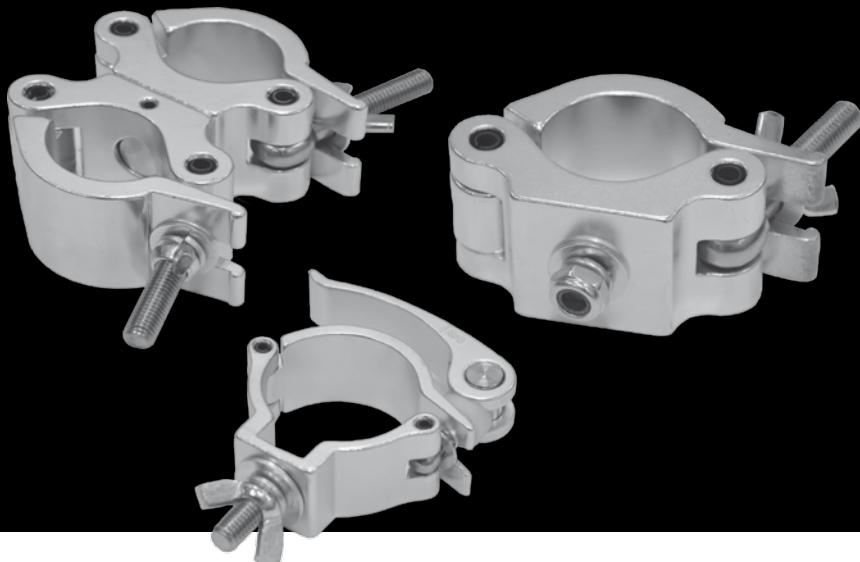
All other corner variants are available on request.



FORK
TRUSS



CLAMPS



We offer wide range of clamps for lighting and pipe fixture to the truss. TAF clamps have great design, good looking finish and are TÜV certified. These products belong to must-have accessories for any successful rigger, truss designer or lighting professional. Clamps are standardly available in aluminium finish and black powder coating.



#8001

Halfcoupler M10, 500kg (1100lb),
48–51mm (1.9–2.0"), FT31-TT74



#8001-B

Halfcoupler M10 Black, 500kg
(1100lb), 48–51mm (1.9–2.0")
FT31-TT74



#8002

Halfcoupler M10, 200kg (440lb),
48–51mm (1.9–2.0"), FT31-TT74



#8002-B

Halfcoupler M10 Black, 200kg
(440lb), 48–51mm (1.9–2.0")
FT31-TT74



#8003

Swivel Coupler, 500kg (1100lb),
48–51mm (1.9–2.0"), FT31-TT74



#8003-B

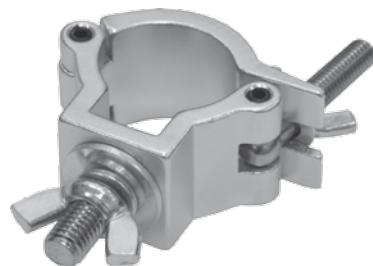
Swivel Coupler Black, 500kg
(1100lb), 48–51mm (1.9–2.0")
FT31-TT74


#8004

C-clamp M10, 250kg (551lb),
48–51mm (1.9–2.0"), FT31-TT74


#8004-B

C-clamp M10 Black, 250kg
(551lb), 48–51mm (1.9–2.0")
FT31-TT74

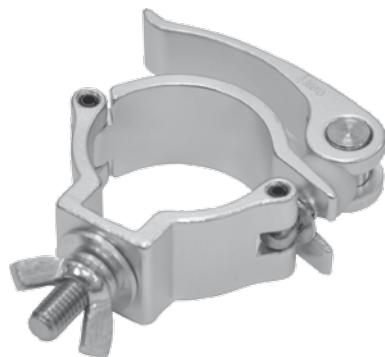

#8005

Halfcoupler M8, 75kg (165lb),
32–35mm (1.3–1.4") FT21-FT24

CLAMPS

#8006

Swivel Coupler, 50kg (110lb),
32–35mm (1.3–1.4") FT21-FT24


#8007

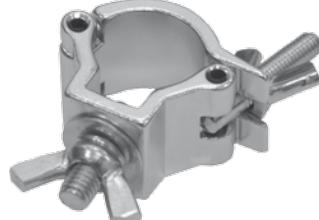
Quick Halfcoupler, 100kg (220lb),
48–51mm (1.9–2.0"), FT31-TT74


#8011

Halfcoupler Slim, 100kg (220lb),
48–51mm (1.9–2.0"), FT31-TT74


#8011-B

Halfcoupler Slim Black, 100kg
(220lb), 48–51mm (1.9–2.0")
FT31-TT74


#8014

Halfcoupler, 10kg (22lb),
18–20mm (0.8") FT14


#8015

Swivel Coupler Slim, 100kg
(220lb), 48–51mm (1.9–2.0"),
FT31-TT74

CLAMPS



#8016

Quick Selflock Coupler, 250kg (551lb), 48–51mm (1.9–2.0"), FT31-TT74



#8016-B

Quick Selflock Coupler Black, 250kg (551lb), 48–51mm (1.9–2.0") FT31-TT74



#8017

Halfcoupler M10 + Eye Bolt, 200kg (440lb), 48–51mm (1.9–2.0"), FT31-TT74



#8018

Halfcoupler M10 + Halfconnector



#8019

Stabiliser Clamp 48–51mm (1.9–2.0"), for 50x4mm+48x3mm pipes



#8020

Side Clamp, 48–51mm (1.9–2.0"), FT31-TT74



#8022

Key for clamps



#8026

Swivel Coupler, 10kg (22lb), 18–20mm (0.8") FT14



#8027

C-clamp M8, 75kg (165lb), 32–35mm (1.3–1.4") FT21-FT24


#8028

Halfcoupler 200kg (440lb),
32–35mm (1.3–1.4") FT21-FT24


#8029

Light Hook Coupler, 75kg
(165lb), 32–35mm (1.3–1.4")
FT21-FT24


#8031

Side Clamp Slim+halfcon. 300kg
(660lb), 48–51mm (1.9–2.0")
FT31-TT74


#8032

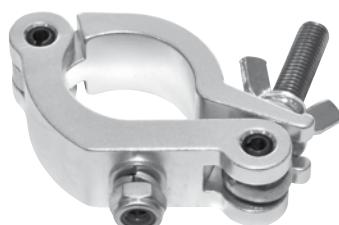
Light Hook Coupler, 250kg
(551lb), 48–51mm (1.9–2.0")
FT31-TT74


#8033

Swivel Coupler Slim 200kg
(440lb), 48–51mm (1.9–2.0")
FT31-TT74

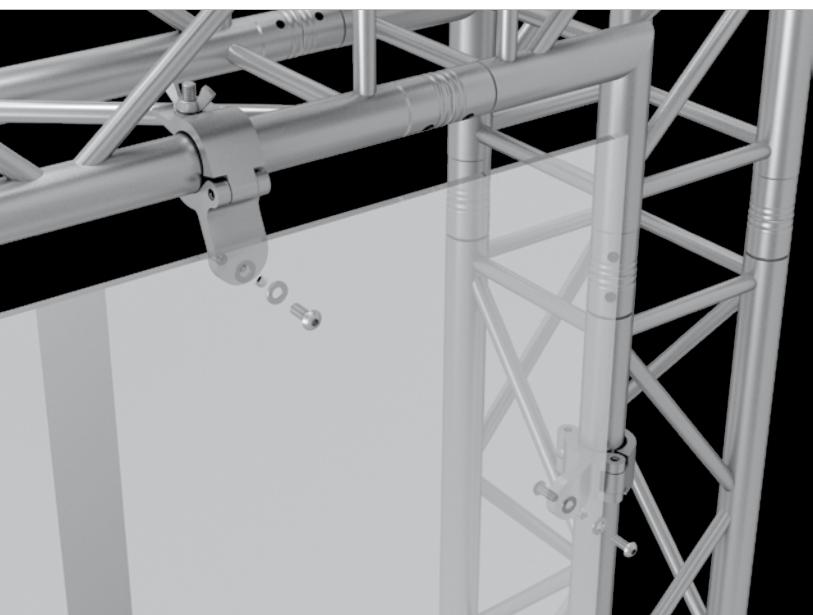

#8034

Halfcoupler M12, 750kg (1650lb),
48–51mm (1.9–2.0") FT31-TT74

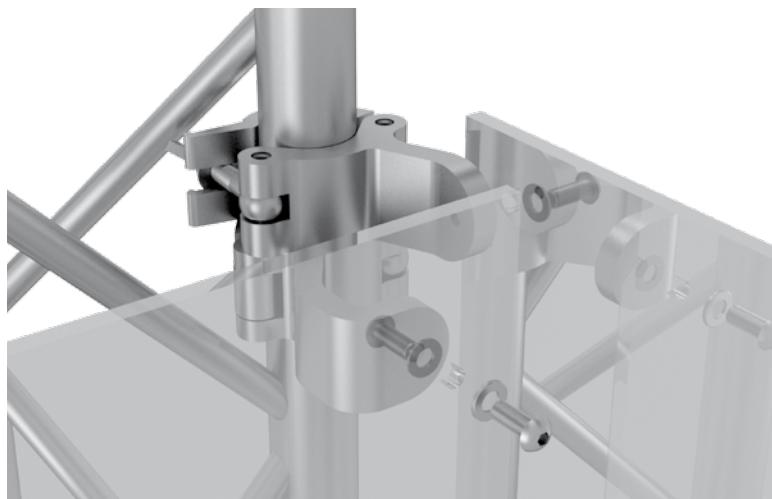

#8037

Side Clamp Slim 300kg (660lb),
48–51mm (1.9–2.0") FT31-TT74

EXHIBIT CLAMPS



TAF exhibit clamps are designed to accommodate your various needs when building up the exhibition booths with different types of walls. Exhibition clamps come out in two sizes one for 50mm tubes and one for 35mm tubes. This brings yet another variety to your planned designs. Exhibit clamps are made to be able to fix walls from different materials to the aluminium truss stands in order to create the proper exhibit or show design of your booth.



#8021

Exhibit clamp straight M8, 500kg (1100lb), 48–51mm (1.9–2.0"), FT31-TT74



#8023

Exhibit clamp bent M8, 500kg (1100lb), 48–51mm (1.9–2.0"), FT31-TT74



#8024

Exhibit clamp straight M8, 32–35mm (1.3–1.4")



#8025

Exhibit clamp bent M8, 32–35mm (1.3–1.4")



#8035

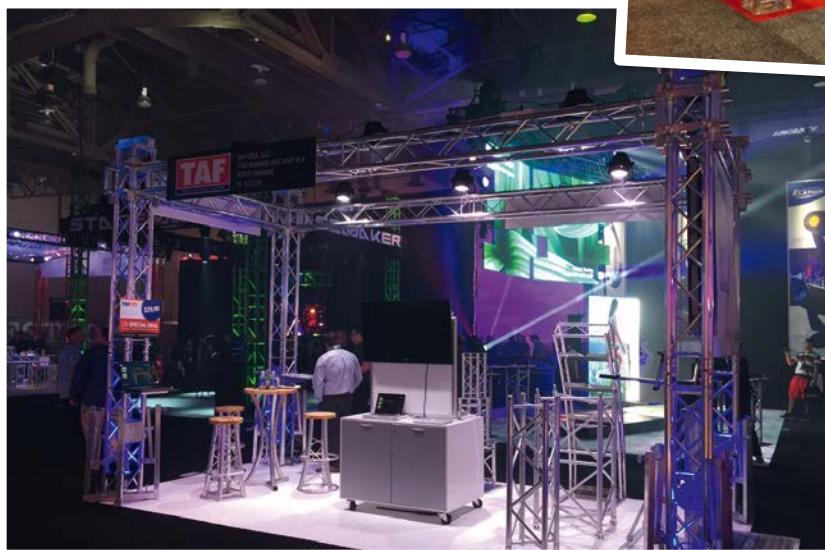
Exhibit clamp bent M8, 100kg
(220lb), 48–51mm (1.9–2.0")
FT31-TT74



#8036

Exhibit clamp straight, 100kg
(220lb), 48–51mm (1.9–2.0")
FT31-TT74

CLAMPS



TOWER LIFTERS



Tower lifters are a great option for lifting up various equipment including the aluminium truss and lighting gear. We offer a wide range of the tower lifters from light weight lighting support to really strong supports that can replace traditional towers in smaller design set ups. All the necessary accessories are also available on request.



TL 152

Telescopic Lifter – max. load 150kg (330lb), max. height 5.20m (17ft), weight 42kg (93lb), 4 frames



TL 255

Telescopic Lifter – max. load 220kg (485lb), max. height 5.30m (17.5ft), weight 90kg (199lb), 4 frames


TL 265

Telescopic Lifter – max. load 220kg (485lb),
max. height 6.50m (21.5ft), weight 99kg (218lb),
4 frames


VL 1564

Front Load Lifter – max. load 150kg (330lb), height
6.40m (21ft), weight 95kg


VL 2277

Front Load Lifter – max. load 220kg (485lb), max
height 7.70m (25.5ft), weight 150kg (330lb)


VL 2563

Front Load Lifter – max. load 250kg (551lb), max
height 6.30m (21ft), weight 140kg (309lb)


VL 3280

Front Load Lifter – max. load 320kg (705lb), max.
height 8.00m (26ft), weight 220kg (485lb)


VL 3765

Front Load Lifter – max. load 370kg (816lb), max.
height 6.50m (21ft), weight 200kg (441lb)



TOWERS

TAF towers have wide range of applications. There are two basic kinds of TAF tower systems. The towers used as supportive stands for various grids (e.g. in roof systems or large span structures) and PA towers used as a support of the speakers.

TOWER 05

It is a light duty tower version built up from standard HT34 trussing. Tower 05 is great tool for smaller set ups with lesser loads to carry. It is easy to transport and use. It comes equipped with everything that is necessary for its successful installation.

TOWER 1

Tower 1 has many various applications and is used mostly in TAF Roof 1 and Roof 2 systems. However, there are no limits to its other applications such as are stands for LED screens, roof wings or speaker holders etc.

TOWER 2

Tower 2 is a stronger version of the roof tower and can go up to 12m in height. It is very suitable option for larger roof systems used at big concerts or festivals.

PA TOWER 05

PA Tower 05 is a great looking design PA Tower for smaller events. It supports speakers up to 300kg (661lb) with the total height 6.3m (21ft). The PA Tower consists of standard FT34 trussing segments. It can be adjusted to accommodate various types of rigging motors

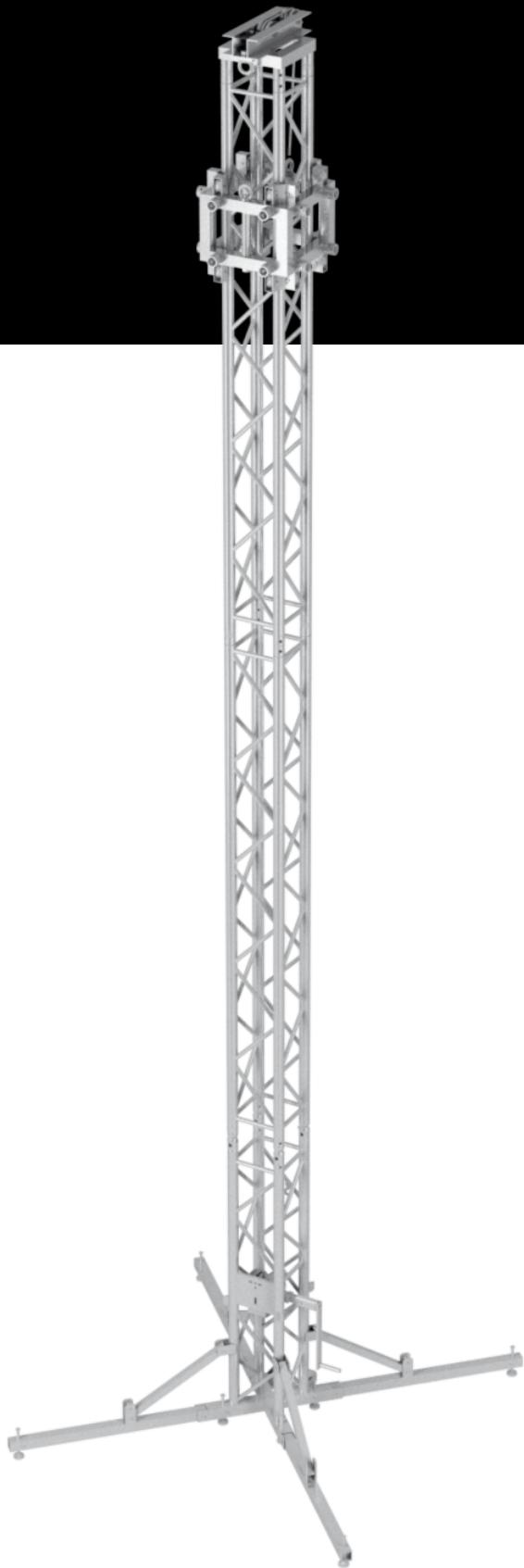
PA TOWER 1

PA Tower 1 with its relatively small dimensions is perfect for various kinds of application, e.g. outdoor events, concerts, shopping malls, entrance halls, exhibitions, displays, theme parks and corporate events.

PA TOWER 2

PA Tower 2 is a stronger version of the PA Tower fit for the medium size events such as concert and entertainment shows, festivals, theme parks, corporate events and many others.

TOWER 05



TOWER 05

Light duty tower version for smaller set ups. It is made of quicklock line HT34 trussing and it is equipped with handwinch, steel rope and outriggers. Max. lifting height 6.5m (21.33ft) with the possibility to lift loads of 500kg (1100lb). It is a great tool for building up smaller roof systems, LED supports, strong lighting supports, DJ booths etc.

PART LIST

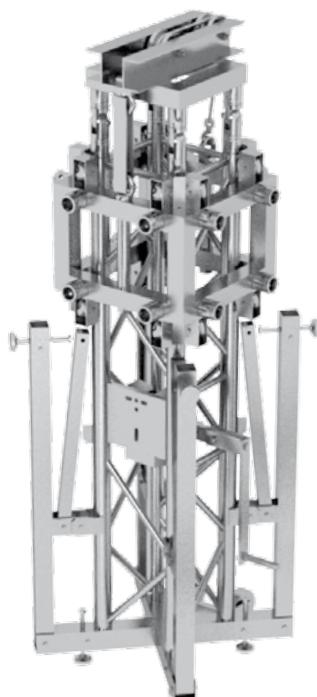
TOWER SET 05	1 pcs
- tower 05 base plate - tower 05 sleeve block - tower 05 top section - tower 05 handwinch - TT HS	
HT34-250	2 pcs
TT SH	1 pcs

SPECIFICATIONS

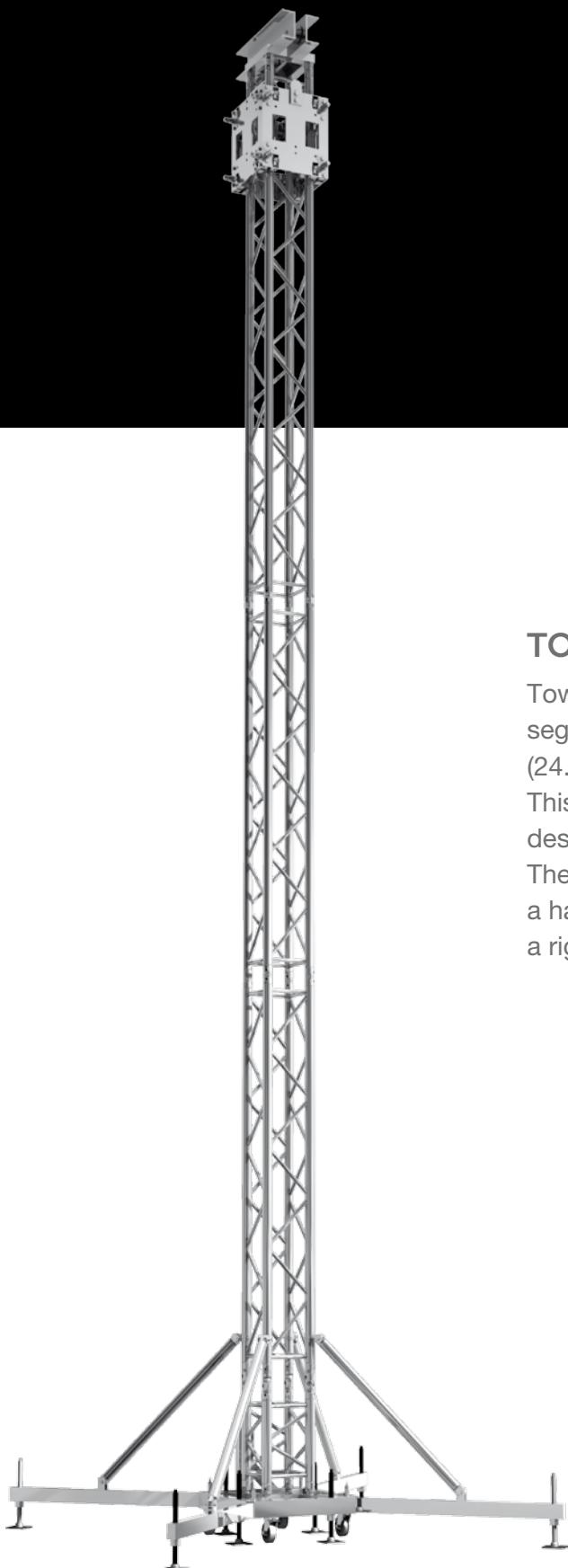
SELF WEIGHT	100 kg (220,5lb)
HEIGHT	6,5m (21,3ft)
LOAD CAPACITY	850 kg (1874lb)

MAST SECTION HT34

MAIN TUBES	50x3mm (2x0,12")
BRACES	20x2mm (0,8x0,08")
ALLOY	EN-AW 6082 T6

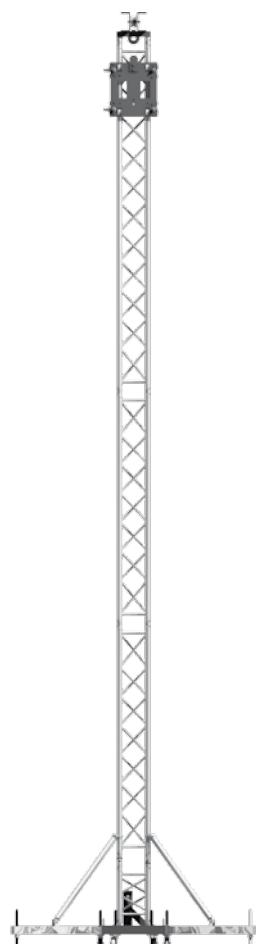


TOWER 1



TOWER 1

Tower 1 is made from quick-lock line segments and it can go up to 7.5m (24.6ft). Its loading capacity is 1000kg. This tower system is very useful in roof designs and big LED screens set ups. The tower can be equipped either by a hand winch, a manual chain hoist or a rigging motor.


PART LIST

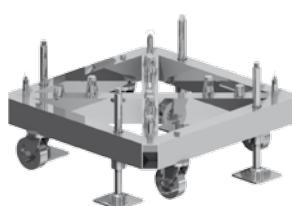
TT BP	1 pcs
TT SB	1 pcs
TT HS	4 pcs
TT TS	1 pcs
TT LO	4 pcs
TT34-50	1 pcs
TT34-200	2 pcs
TT34-300	1 pcs
TT SH	1 pcs

SPECIFICATIONS

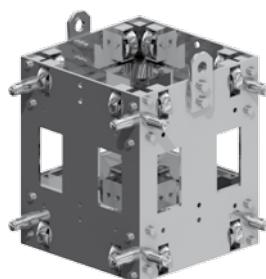
SELF WEIGHT	120kg (264,6lb)
HEIGHT	7,5m (24,6ft)
LOAD CAPACITY	1000kg (2205lb)

MAST SECTION TT34

MAIN TUBES	50x4mm (2x0,16")
BRACES	20x2mm (0,8x0,08")
ALLOY	EN-AW 6082 T6


TT BP

Steel base plate


TT SB

Sleeve block


TT TS

Top section

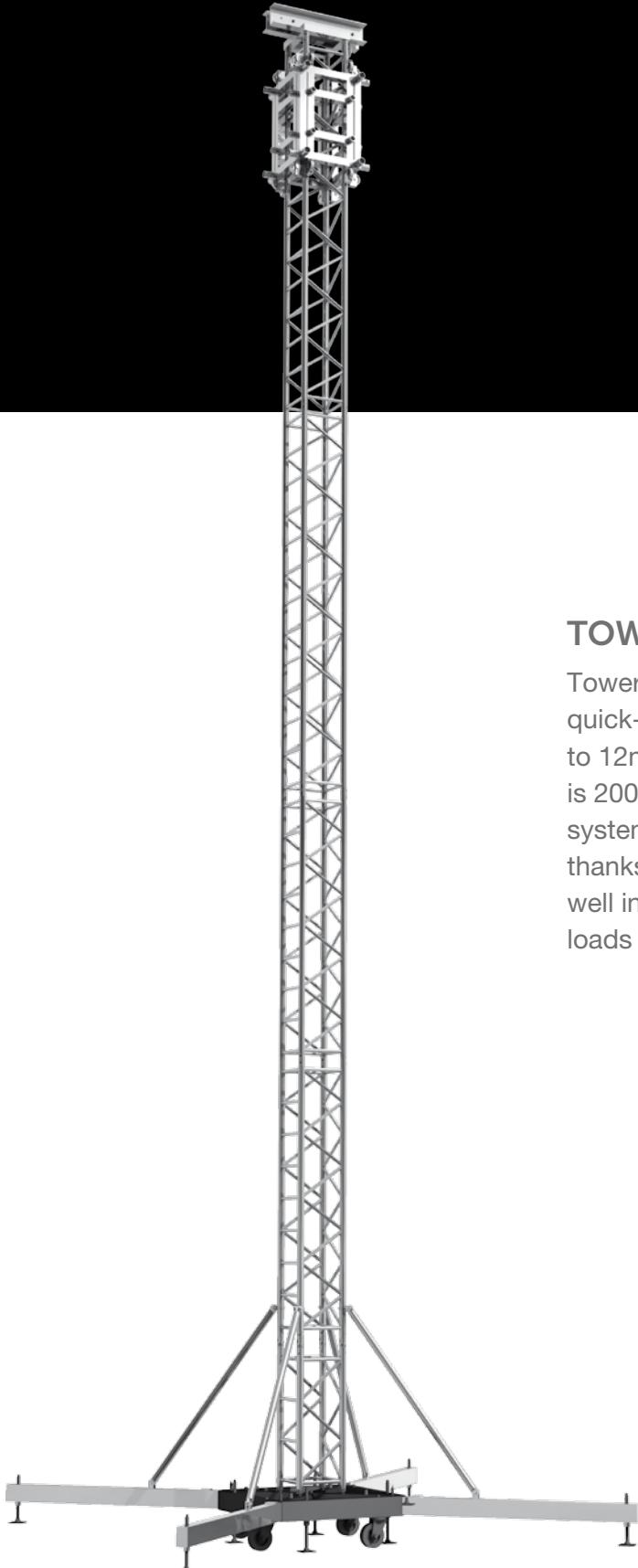

TT LO

Long outrigger


TT HS

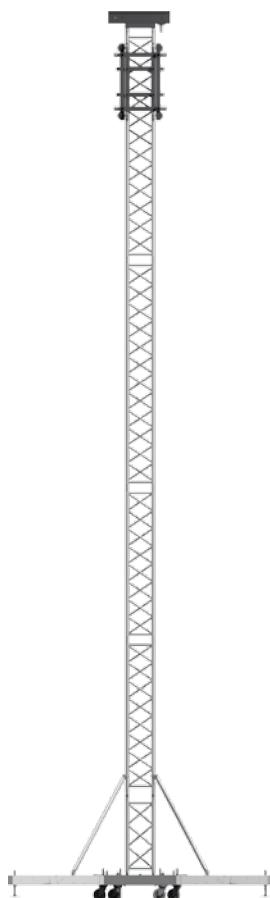
Hinge section

TOWER 2



TOWER 2

Tower 2 is a heavy duty tower from quick-lock line segments that can go up to 12m (39ft) and its loading capacity is 2000kg (4410lb). This type of tower system is also used in TAF Roof 3 and thanks to its characteristics works very well in large scale structures with high loads and longer spans.


PART LIST

TGS BP	1 pcs
TGS SB	1 pcs
TT HS	4 pcs
TGS TS	1 pcs
TGS LO	4 pcs
TT44-100	1 pcs
TT44-200	4 pcs
TT44-300	1 pcs
TT SH2	1 pcs

SPECIFICATIONS

SELF WEIGHT	315kg (694,5lb)
HEIGHT	12m (39,4ft)
LOAD CAPACITY	2000kg (4409,2lb)

MAST SECTION TT44

MAIN TUBES	50x4mm (2x0,16")
BRACES	25x3mm (1x0,12")
ALLOY	EN-AW 6082 T6


TGS BP

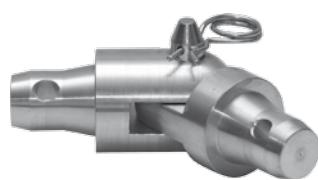
Steel base plate

TGS TS

Top section


TGS LO

Long outrigger


TT HS

Hinge section

TGS-SB-1

 Sleeve block Tower 2 for TT74,
TT54, FT44

TGS-SB-2

 Sleeve block Tower 2 for TT74,
TT54

TGS-SB-3

 Sleeve block Tower 2 for TT54,
FT44

TGS-SB-4

Sleeve block Tower 2 for TT74

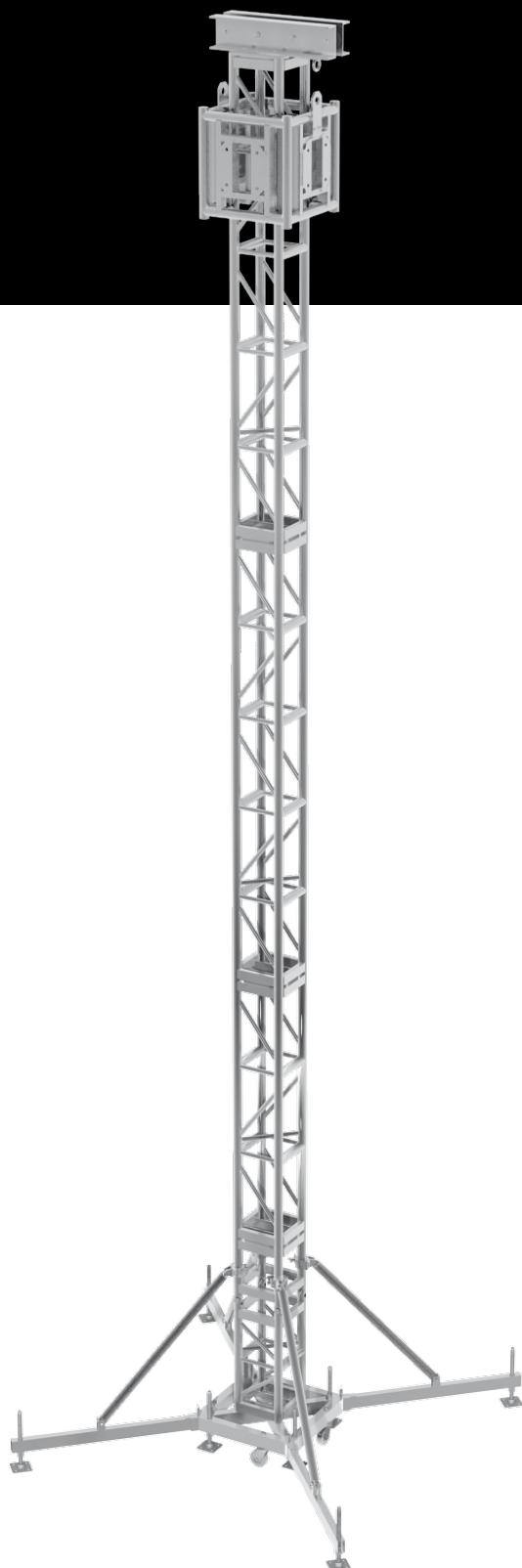
TGS-SB-5

Sleeve block Tower 2 for TT54

TGS-SB-6

Sleeve block Tower 2 for TT44

BOLTED TOWER TFTB-L



Bolted light duty tower is a great structure to be used with standard 12" bolted truss in order to create various ground supports including roof systems, LED supports and other structures.

TFTB-L

Bolted truss tower system TFTB-L is designed in order to create ground supports from the standard 12" bolted truss FTB-L. It can reach 7m (23ft) in height and its maximum loading capacity is 1000kg (2205lb). The tower can be equipped either by manual chainhoist or rigging motor.

PART LIST

TFTB-L-BP	1 pcs
TFTB-L-SB L	1 pcs
TFTB-L-HS	1 pcs
TFTB-L-TS	1 pcs
TFTB-L-LO	4 pcs
FTB-L-SB L ZO	2 pcs
FTB-L-5	1 pcs
FTB-L-8	2 pcs

SPECIFICATIONS

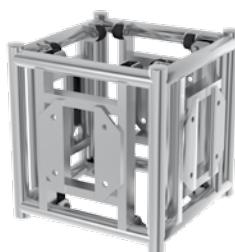
SELF WEIGHT	145kg (320lb)
HEIGHT	7.5m (24.6ft)
LOAD CAPACITY	1000kg (2205lb)

MAST SECTION FTB-L

MAIN TUBE	50x3mm (2x0.12")
BRACES	25x3mm (1x0.12")
ALLOY	EN-AW 6082 T6


TFTB-L-BP TT BP

Steel base plate for TFTB-L


TFTB-L-SB L

Bolted tower sleeve block for FTB-L connection


TFTB-L-TS

Top section for bolted tower


TFTB-L-LO

Bolted tower long outrigger stabilize


TFTB-L-HS

Hinge section for bolted tower 3.5ft (1.07m)


TFTB-L-SB L ZO

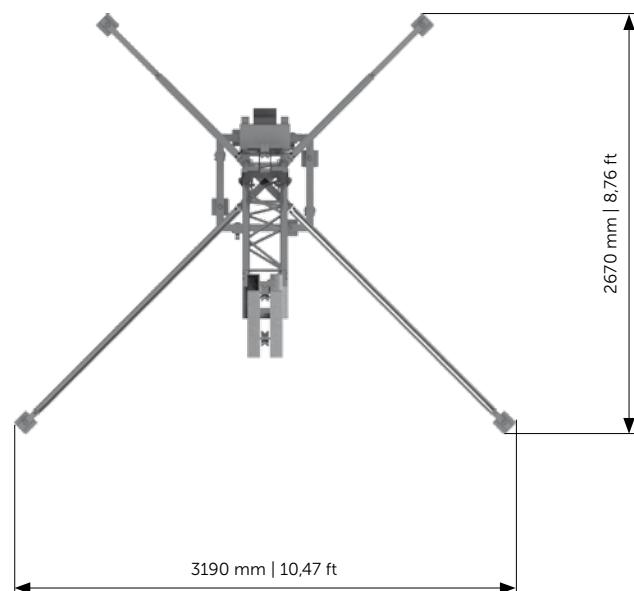
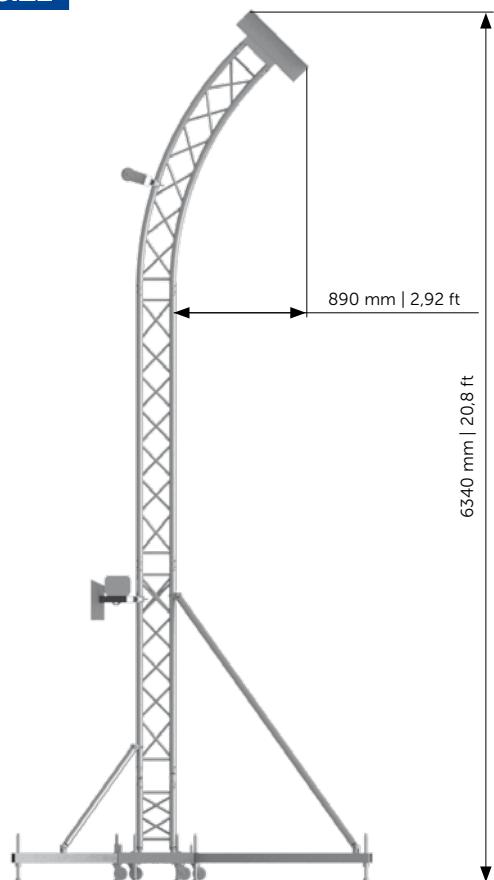
Removable rigging eye for the bolted tower sleeve bloc

PA TOWER 05



PA TOWER 05

PA Tower 05 is a smaller load tower that is unique for its design and functionality. The total height is 6.3m (21ft) and the maximum load is 300kg (660lb). It is equipped by pulley, motor holder and long outriggers.

SIZE


TOWERS

PART LIST

Type	Quantity
FT34-50	1
FT34-150	1
FT34-200	1
FT34-C-5m	1/8
TT HS	4
TT TS	1
TT BP	1
TT LO	2
TT LO PA05	2
Pulley	1
Motor holder	1

SPECIFICATIONS

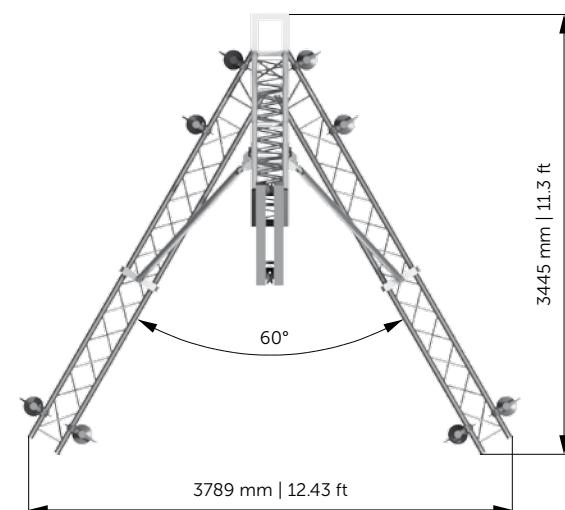
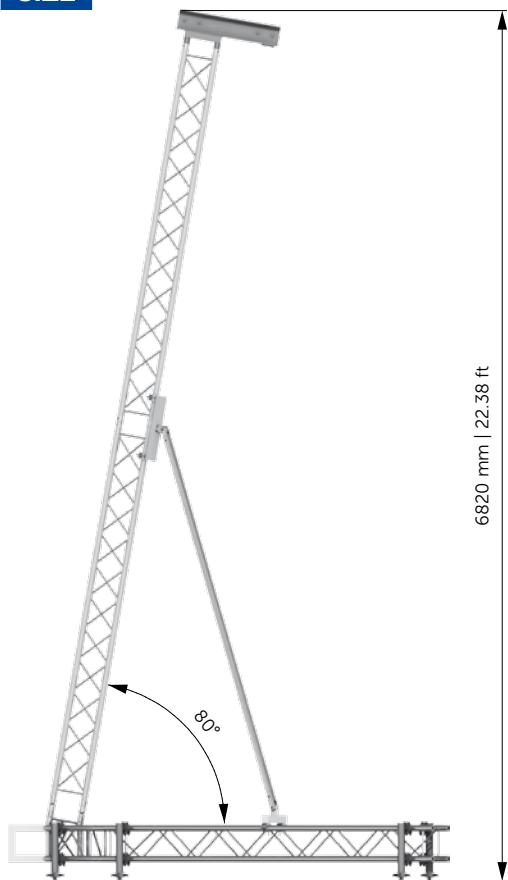
MAX. LIFTING HEIGHT	6m (19,7ft)
MAX. LOADING CAPACITY	350 kg (771,6lb)
MAIN TUBES	50x2mm (2x0,08")
BRACES	20x2mm (0,8x0,08")
ALLOY	EN-AW 6082 T6

PA TOWER 1



PA TOWER 1

PA Tower 1 is a light duty version of TAF rigging tower with loading capacity 800kg (1763lb) and a maximum lifting height 6,60m (21ft). The relatively small dimensions make PA Tower 1 suitable for various kinds of application, e.g. outdoor events, concerts, shopping malls, entrance halls, exhibitions, displays, theme parks and corporate events.

SIZE


TOWERS

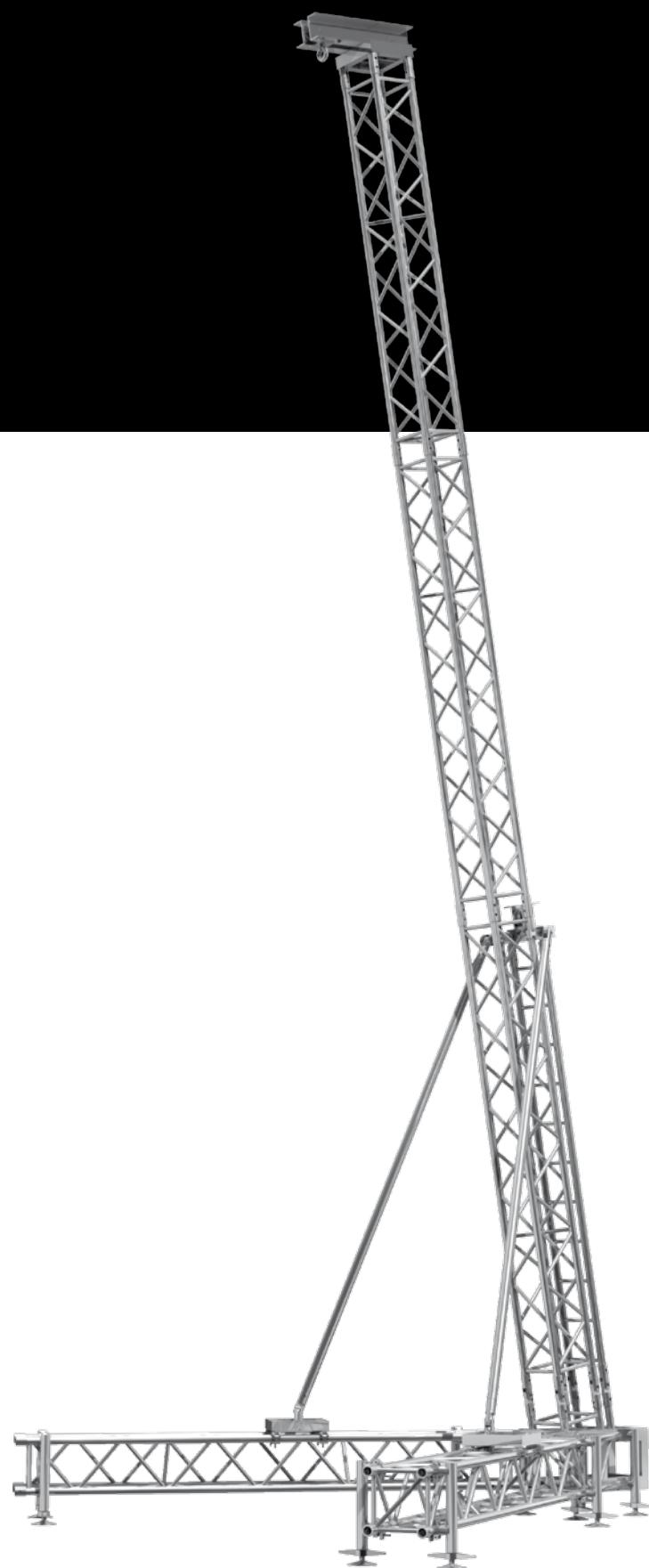
PART LIST

Type	Quantity
TT34-300	4
BASE CORNER 60°	1
REAR STABILISER	1
CONNECTION STAB	2
TOP SECTION	1
STABILIZER PIPES 60x5	2
SCREW JACK ATTACHMENT	8
SCREW JACK	8

SPECIFICATIONS

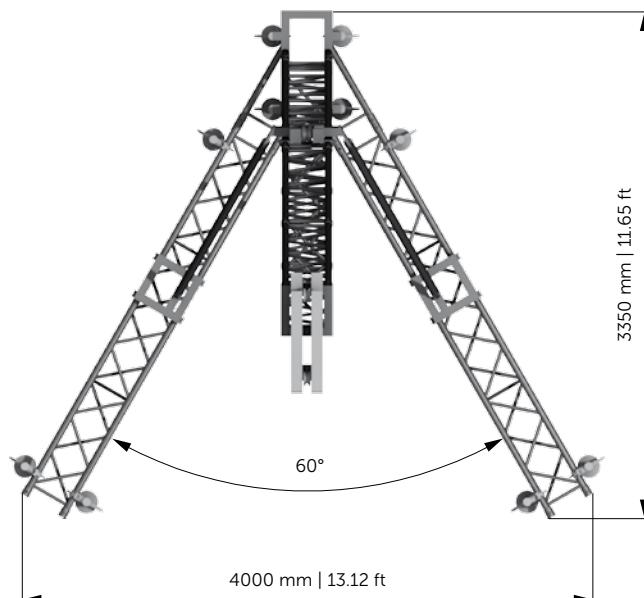
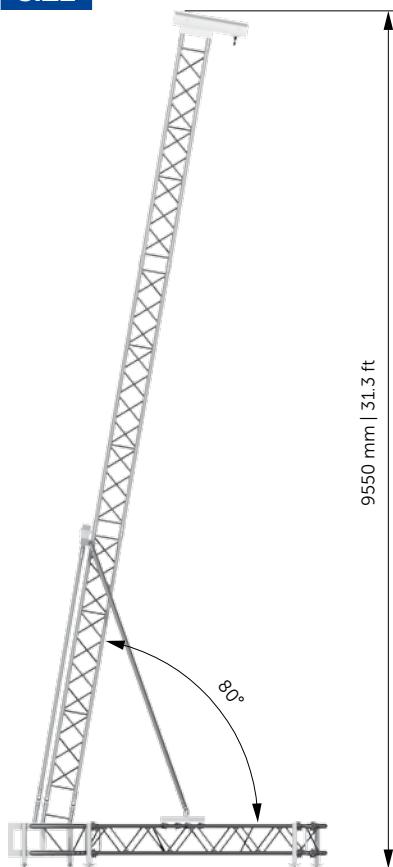
MAX.LIFTING HEIGHT	6.6m (21.65ft)
MAX.LOADING CAPACITY	800kg (1764lb)
MAIN TUBE	50x4mm (2x0,16")
BRACES	20x2mm (0,8x0,08")
ALLOY	EN-AW 6082 T6

PA TOWER 2



PA TOWER 2

The medium duty PA Tower 2 with loading capacity 1000kg (2204lb) and a maximum lifting height of 9,25m (30ft). The stronger structure and higher loading capacity make the PA Tower 2 fit for medium size events such as concert and entertainment shows, festivals, theme parks, corporate events and many others.

SIZE


TOWERS

PART LIST

Type	Quantity
TQ4-36-3000	4
TQ4-36-2500	1
BASE CORNER 60°	1
REAR STABILISER	1
CONNECTION STAB.LEFT	1
CONNECTION STAB.RIGHT	1
TOP SECTION	1
STABILIZER PIPES 60x5	2
SCREW JACK ATTACHMENT	6
SCREW JACK	10

SPECIFICATIONS

MAX.LIFTING HEIGHT	9.25m (30.35ft)
MAX.LOADING CAPACITY	1000kg (2205lb)
SYSTEM WEIGHT	425kg (937lb)
BALAST	500kg (1102lb)
ALLOY	EN-AW 6082 T6

TAF RIGGING MOTORS

supported by **CHAIN-MASTER**

ChainMaster is a world leader in the development and production of chain hoists adapted to the rigors of day-to-day stage use.

ChainMaster range includes drives for daily use in the many fields of modern events technology.

All demands – from installation work to complex scene changes and customer-specific applications for theatres, opera houses, TV studios, multi-function halls and the touring sector – are met with solutions designed and implemented in close cooperation with users.

BGV-D8

Basic Features

- Capacity 250 kg - 5000 kg
- Climbing or Standard Suspension
- Direct or Contactor Control
- Light and compact Housing
- Precise Chain Guide
- 5-Pocket Chain Wheel
- Textile Chain Bag
- DC Brake
- Patented Friction Clutch for Overload Protection

Through the use of a wide range of auxiliary equipment offering optimal performance, it is possible to assemble the basic components for every conceivable case, and use them in accordance with a very wide range of national and international guidelines and safety standards.



BGV-D8 ELECTRIC CHAIN HOISTS

Chain with 1 fall

Capacity	Speed	Falls	Load chain in mm DIN-5684-8	Weight w.o. chain	Data/ Sheets
250 kg	4 m/min	1	4 x 12 mm	15 kg	on request
250 kg	6 m/min	1	4 x 12 mm	15 kg	on request
320 kg	4 m/min	1	4 x 12 mm	15 kg	on request
500 kg	4 m/min	1	5,2 x 15 mm	20 kg	on request
500 kg	10 m/min	1	7 x 22 mm	27 kg	on request
1000 kg	4 m/min	1	7 x 22 mm	27 kg	on request
1000 kg	5 m/min	1	7 x 22 mm	27 kg	on request
1000 kg	8 m/min	1	7 x 22 mm	27 kg	on request
1000 kg	10 m/min	1	7 x 22 mm	27 kg	on request
1600 kg	5 m/min	1	9 x 27 mm	58 kg	on request
1600 kg	10 m/min	1	9 x 27 mm	58 kg	on request
2500 kg	4 m/min	1	11 x 31 mm	74 kg	on request
2500 kg	8 m/min	1	11 x 31 mm	74 kg	on request

BGV-D8 ELECTRIC CHAIN HOISTS

Chain with 2 falls

Capacity	Speed	Falls	Load chain in mm DIN-5684-8	Weight w.o. chain	Data/ Sheets
500 kg	2 m/min	2	4 x 12 mm	15 kg	on request
500 kg	3 m/min	2	4 x 12 mm	15 kg	on request
1000 kg	2 m/min	2	5,2 x 15 mm	21 kg	on request
1000 kg	5 m/min	2	7 x 22 mm	27 kg	on request
2000 kg	2 m/min	2	7 x 22 mm	27 kg	on request
2000 kg	2,5 m/min	2	7 x 22 mm	27 kg	on request
2000 kg	4 m/min	2	7 x 22 mm	27 kg	on request
2000 kg	5 m/min	2	7 x 22 mm	27 kg	on request
3200 kg	2,5 m/min	2	9 x 27 mm	58 kg	on request
3200 kg	5 m/min	2	9 x 27 mm	58 kg	on request
5000 kg	2 m/min	2	11 x 31 mm	74 kg	on request
5000 kg	4 m/min	2	11 x 31 mm	74 kg	on request
2500 kg	8 m/min	1	11 x 31 mm	74 kg	on request

(All data is approximate; we cannot accept any liability for errors and omissions, and we reserve the right to make changes.)

BGV-D8+

Basic Features

- Capacity 125 - 2500 kg
- Climbing or Standard Suspension
- Direct or Contactor Control
- Light and compact Housing
- Precise Chain Guide
- 5-Pocket Chain Wheel
- Textile Chain Bag
- 2 DC Brakes
- Patented Friction Clutch for Overload Protection



D8 PLUS ELECTRIC CHAIN HOISTS

Chain with 1 fall

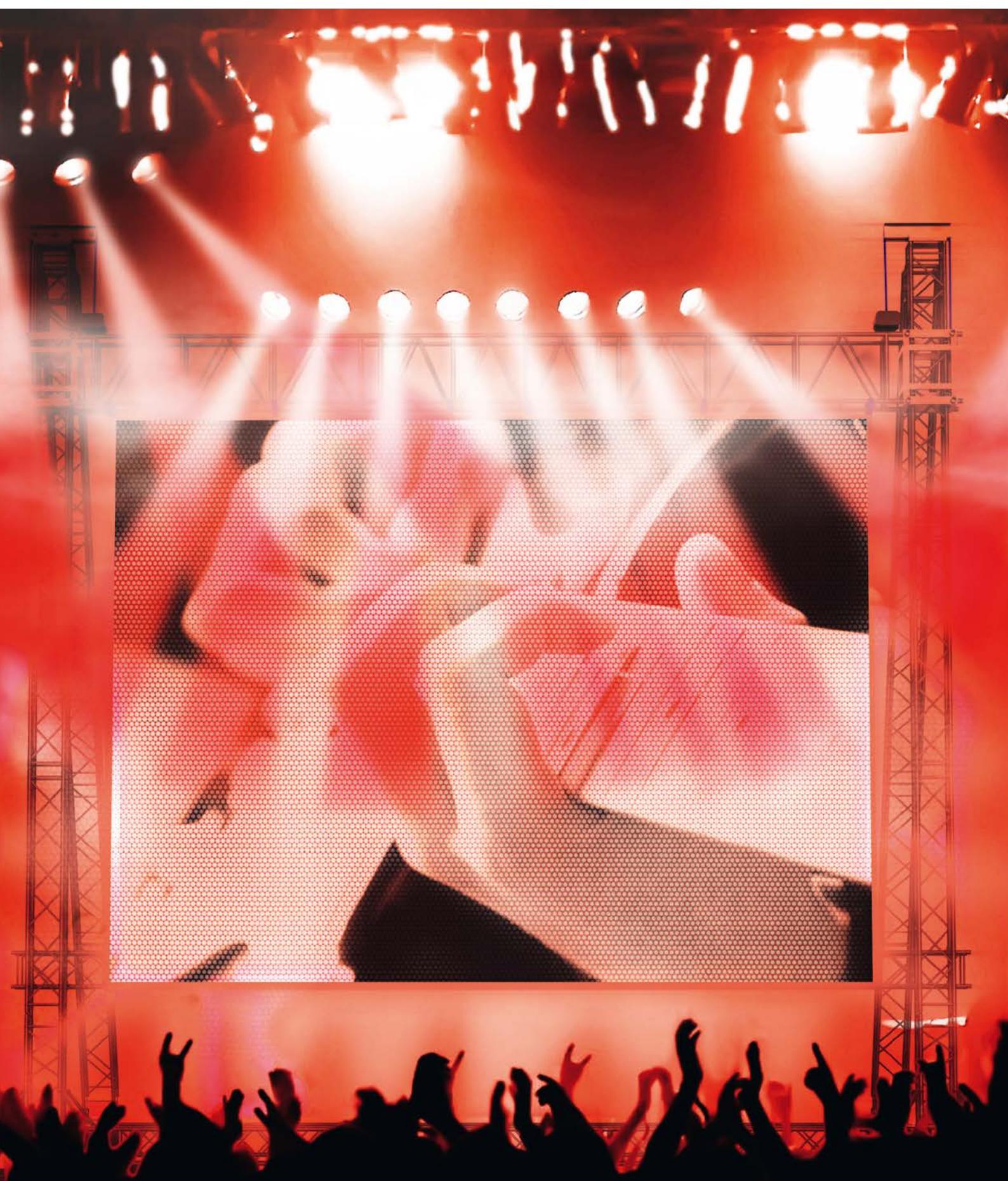
Capacity	Speed	Falls	Load chain in mm DIN-5684-8	Weight w.o. chain	Data/ Sheets
125 kg	4 m/min	1	4 x 12 mm	15 kg	on request
125 kg	6 m/min	1	4 x 12 mm	15 kg	on request
160 kg	4 m/min	1	4 x 12 mm	15 kg	on request
160 kg	6 m/min	1	4 x 12 mm	15 kg	on request
250 kg	4 m/min	1	5,2 x 15 mm	21 kg	on request
250 kg	8 m/min	1	5 x 15 mm	27 kg	on request
250 kg	10 m/min	1	7 x 22 mm	27 kg	on request
320 kg	4 m/min	1	5,2 x 15 mm	21 kg	on request
500 kg	4 m/min	1	7 x 22 mm	27 kg	on request
500 kg	5 m/min	1	7 x 22 mm	27 kg	on request
500 kg	10 m/min	1	7 x 22 mm	30 kg	on request
800 kg	4 m/min	1	9 x 27 mm	58 kg	on request
800 kg	5 m/min	1	9 x 27 mm	58 kg	on request
800 kg	10 m/min	1	9 x 27 mm	58 kg	on request
1000 kg	4 m/min	1	9 x 27 mm	58 kg	on request
1250 kg	4 m/min	1	11 x 31 mm	80 kg	on request
1250 kg	8 m/min	1	11 x 31 mm	80 kg	on request

D8 PLUS ELECTRIC CHAIN HOISTS

Chain with 2 falls

Capacity	Speed	Falls	Load chain in mm DIN-5684-8	Weight w.o. chain	Data/ Sheets
250 kg	2 m/min	2	4 x 12 mm	15 kg	on request
250 kg	3 m/min	2	4 x 12 mm	15 kg	on request
500 kg	4 m/min	2	5 x 12 mm	27 kg	on request
500 kg	5 m/min	2	7 x 22 mm	27 kg	on request
1000 kg	2 m/min	2	7 x 22 mm	27 kg	on request
1000 kg	2,5 m/min	2	7 x 22 mm	27 kg	on request
1000 kg	5 m/min	2	7 x 22 mm	30 kg	on request
1600 kg	2,5 m/min	2	9 x 27 mm	58 kg	on request
1600 kg	5 m/min	2	9 x 27 mm	58 kg	on request
2500 kg	2 m/min	2	11 x 31 mm	80 kg	on request
2500 kg	4 m/min	2	11 x 31 mm	80 kg	on request
5000 kg	4 m/min	2	11 x 31 mm	74 kg	on request
2500 kg	8 m/min	1	11 x 31 mm	74 kg	on request

(All data is approximate; we cannot accept any liability for errors and omissions, and we reserve the right to make changes.)



LED FRAMES

LED frame 5x3m

LED frame 5x3m is an easy and fast assembly system that can equip LED screen of 5x3m (16,4x9,8ft) with maximum weight of 1200kg (2645lb). The LED frame is built up from FT44 and FT34 trussing segments.

LED frame 6x4m

LED frame 6x4m is an easy and fast assembly system that can equip LED screen of 6x4m (19,7x13,1ft) with maximum weight of 2000kg (4410lb). The LED frame is built up from FT44 and TT54 trussing segments.

LED frame 8x6m

LED frame 6x4m is an easy and fast assembly system that can equip LED screen of 8x6m (26,2x19,7ft) with maximum weight of 3000kg (6615lb). The LED frame is built up from FT44 and TT74 trussing segments and the max. lifting hewight is ca. 8,6m (28ft)



LED frame 5x3m

LED frame 5x3m is an easy and fast assembly system that can equip LED screen of 5x3m (16.4x9.8ft) with maximum weight of 1200kg (2645lb). The LED frame is built up from FT44 and FT34 trussing segments.

SPECIFICATIONS

Max. dimension	6.35x4.62m (20.8x15.2ft)
Max. LED size	5x3m (16.4x9.8ft)
Max. Height	8.49m (27.9ft)
Max. load capacity	1200kg (2645lb)
Total weight of construction	650kg (1433lb)

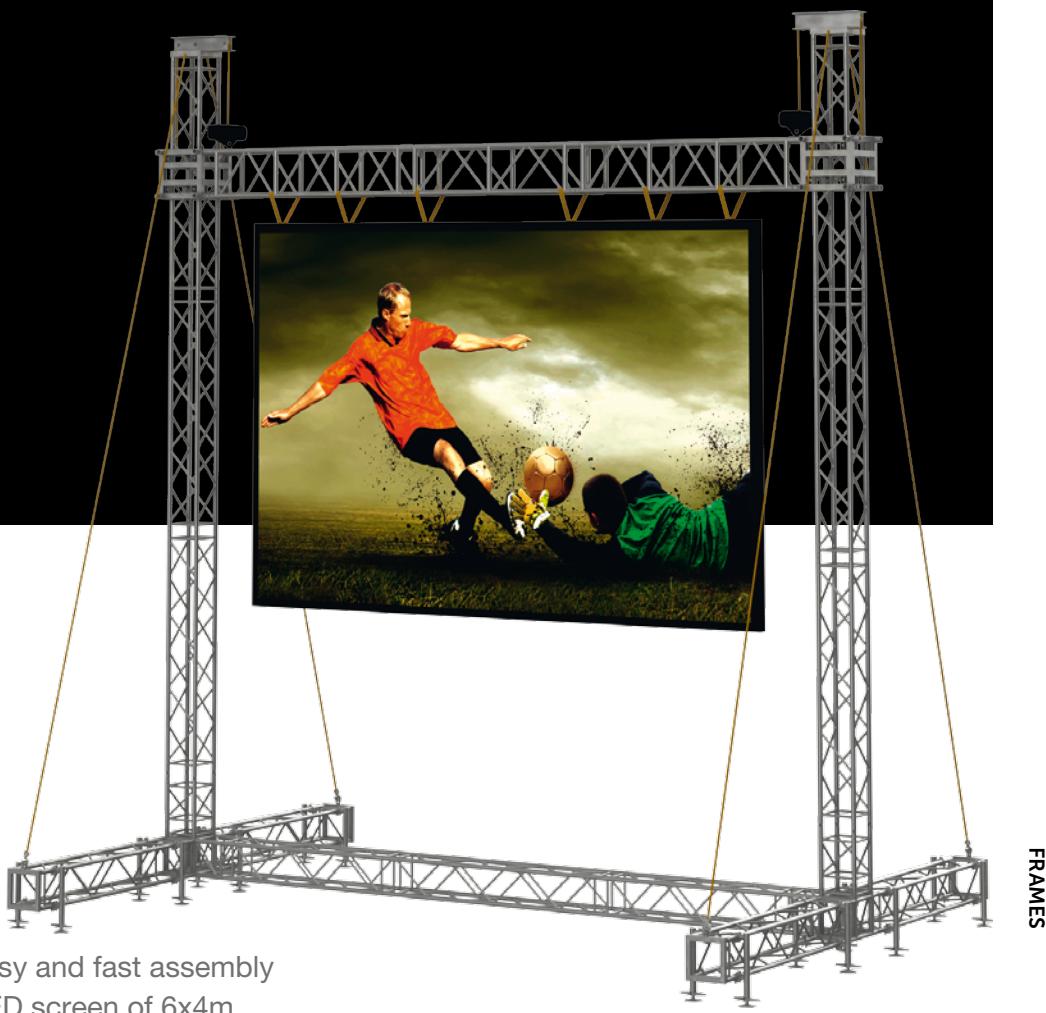


LED frame 6x4m



LED frame 6x4m

LED frame 6x4m is an easy and fast assembly system that can equip LED screen of 6x4m (19.7x13.1ft) with maximum weight of 2000kg (4410lb). The LED frame is built up from FT44 and TT54 trussing segments.



LED
FRAMES

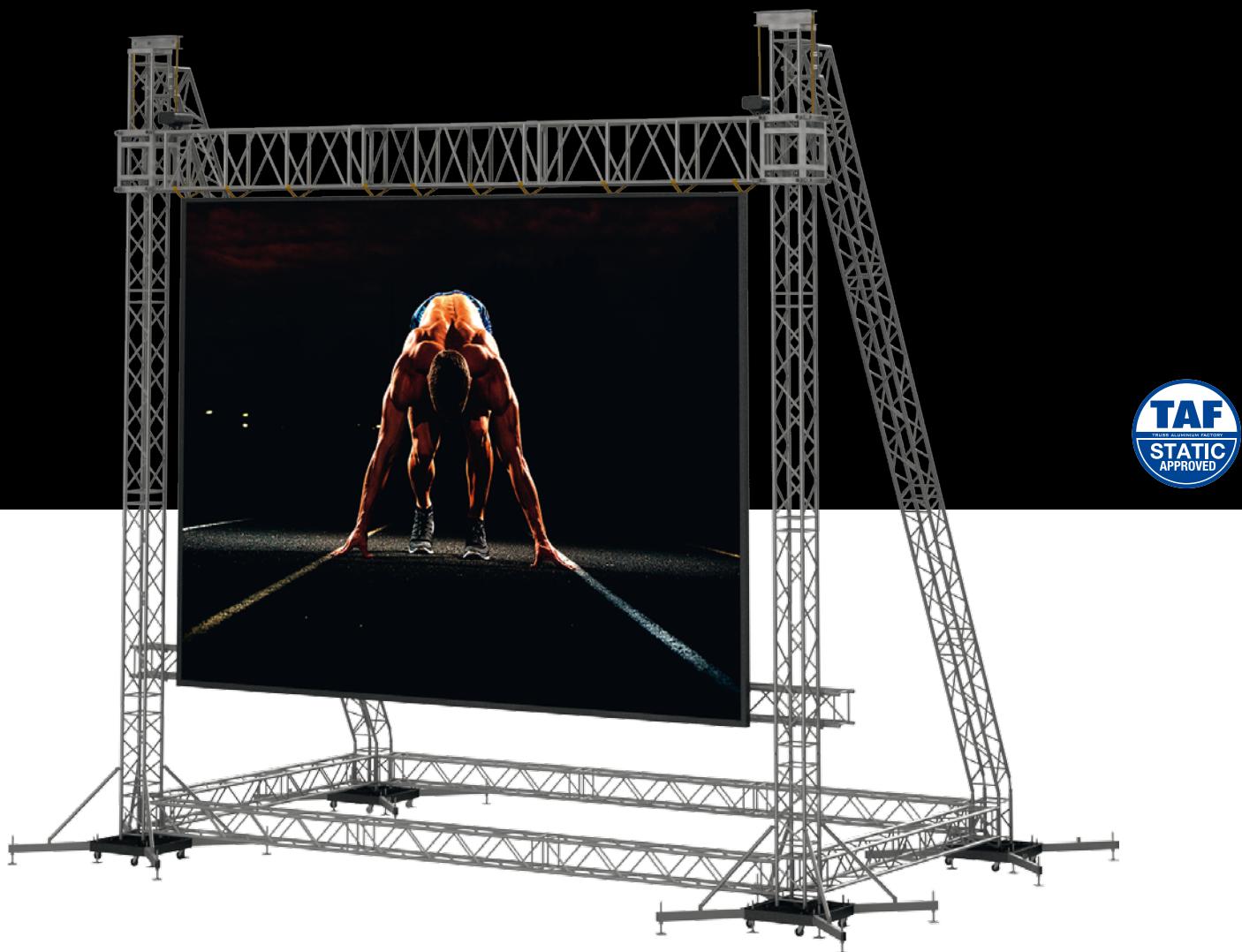
SPECIFICATIONS

Max. dimension	8.25x5.72m (27.1x18.8ft)
Max. LED size	6x4m (19.7x13.1ft)
Max. Height	9m (29.5ft)
Max. load capacity	2000kg (4410lb)
Total weight of construction	850kg (1874lb)



LED FRAMES

LED frame 8x6m



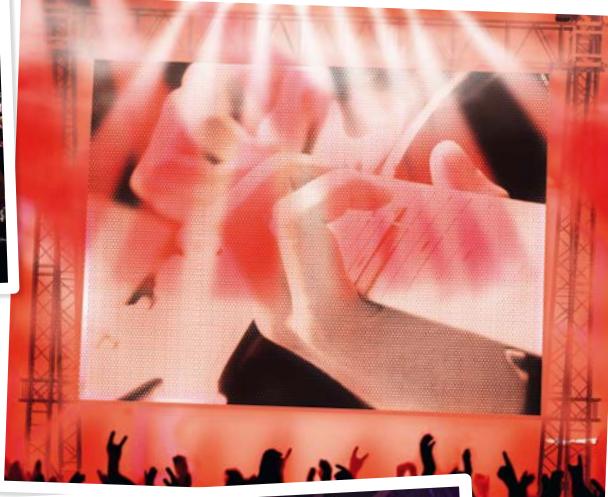
LED frame 8x6m

LED frame 6x4m is an easy and fast assembly system that can equip LED screen of 8x6m (26,2x19,7ft) with maximum weight of 3000kg (6615lb). The LED frame is built up from FT44 and TT74 trussing segments and the max.lifting hewight is ca. 8,6m (28ft)

SPECIFICATIONS

Max. dimension	12,3x8,2m (40,4x26,9ft)
Max. LED size	8x6m (26,2x19,7ft)
Max. Height	10,2m (33,5ft)
Max. load capacity	3000kg (6615lb)
Total weight of construction	1200kg (2645lb)







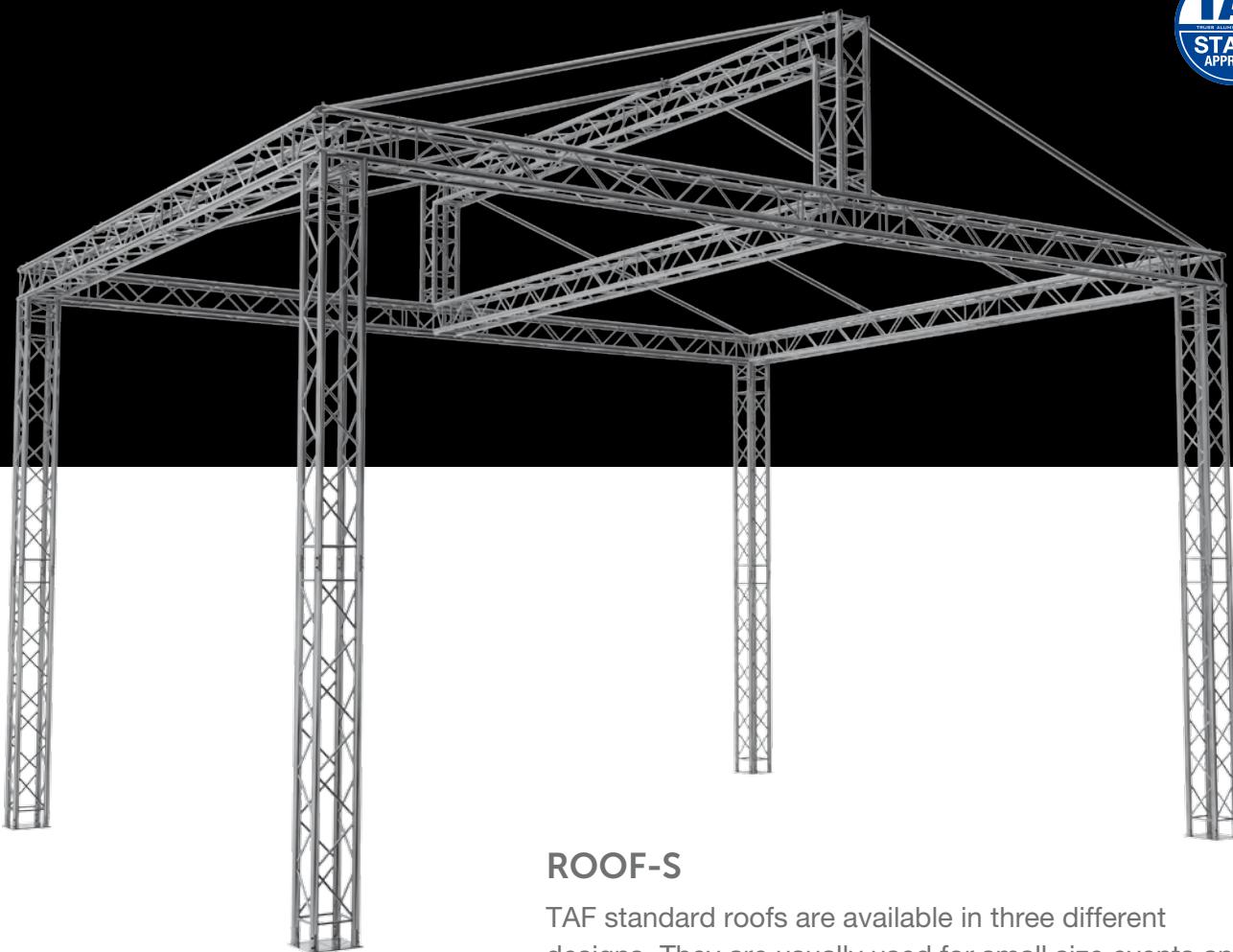
ROOFS

TAF offers wide range of roofing systems designed to fit events of basically any size. The great variety of roof systems dimensions and designs grants you a freedom of choice.



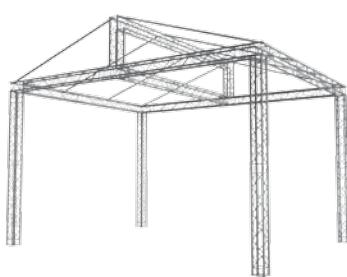
ROOFS

ROOF STANDARD



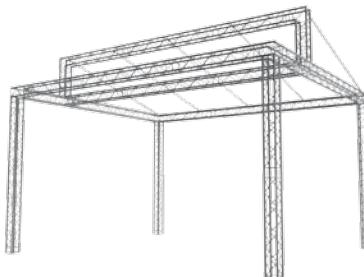
ROOF-S

TAF standard roofs are available in three different designs. They are usually used for small size events and their greatest advantages are fast and easy assembly together with the fact that they are built from standard quicklock line pieces which can be later on used to build up any other design.



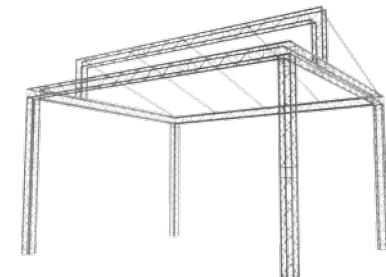
RST1

Roof standard 7x5m
(22.5x17.5ft)



RST2

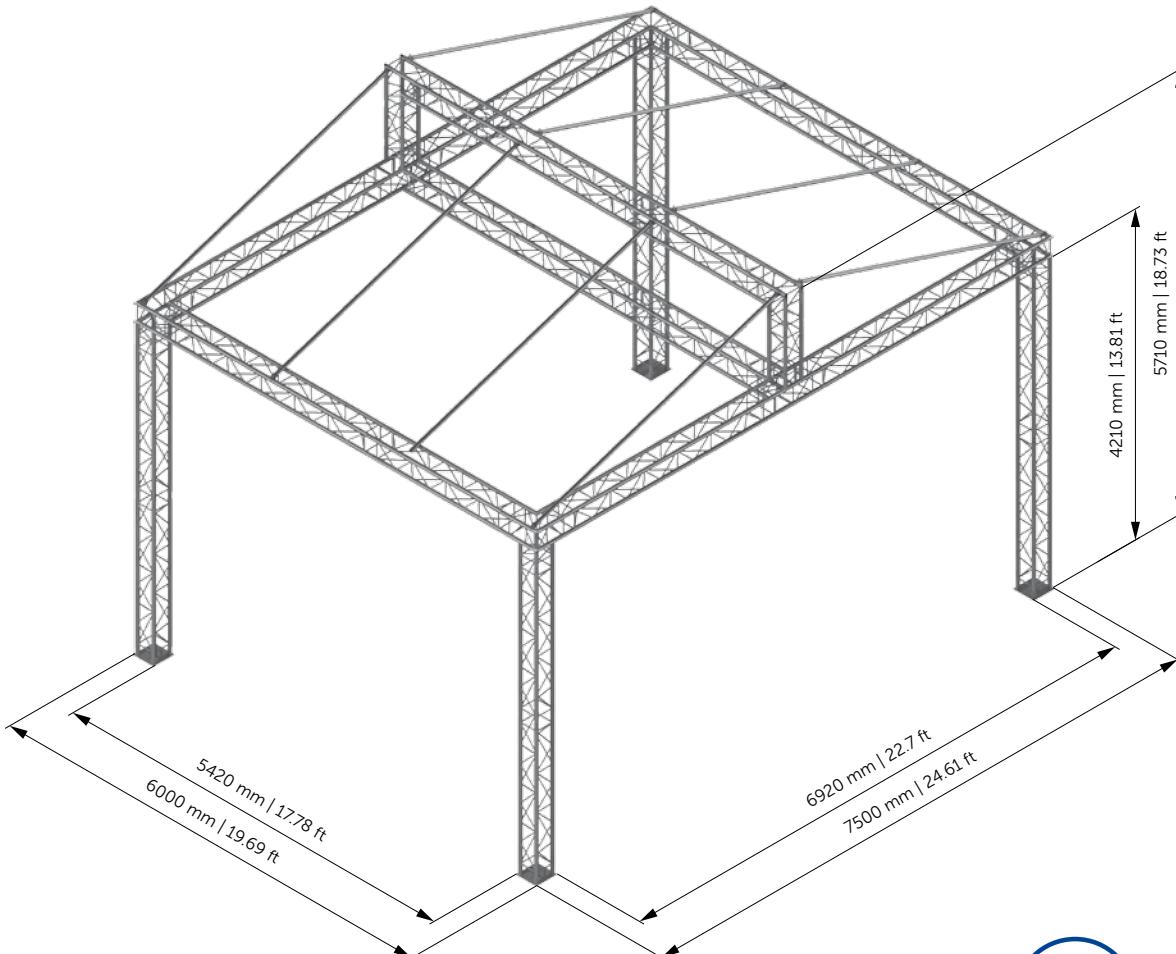
Roof standard 7x6m (22.5x20ft)



RST3

Roof standard 7x6m (22.5x20ft)

SIZE



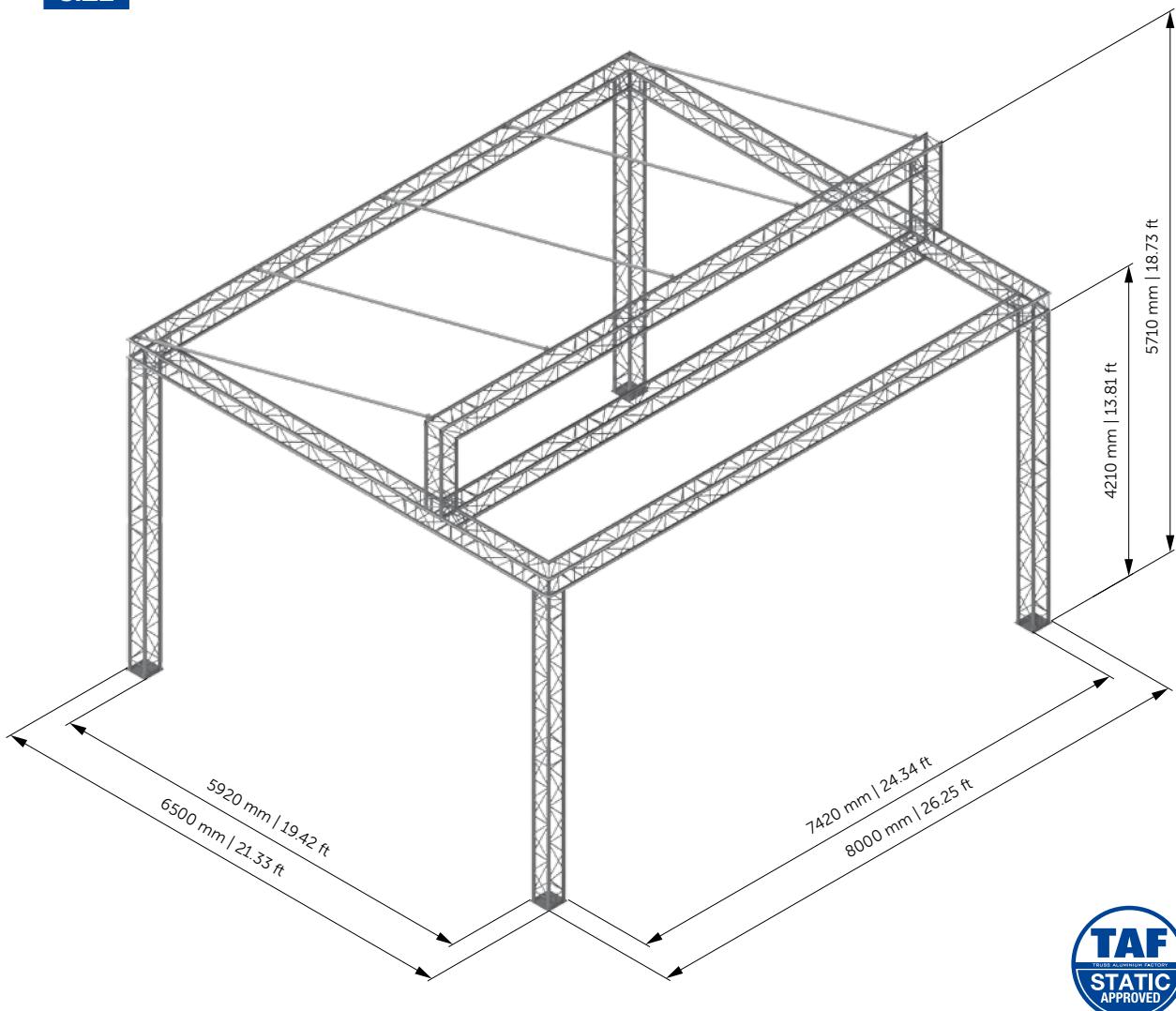
PART LIST

Type	Quantity
FT34-50	2
FT34-100	8
FT34-200	8
FT34-300	8
FT34-C21	2
FT34-C30	4
FT34-T42	2
#3004 (Base plate)	4
Roof bar RST	8

RST1

Roof standard 1 size – 7.5x5.7x6m (24.61x18.73x19.69ft). The most popular set up from our standard roof portfolio. It is a perfect option for small bands, smaller and middle size local events and various shows. Canopy is available on request.

SIZE



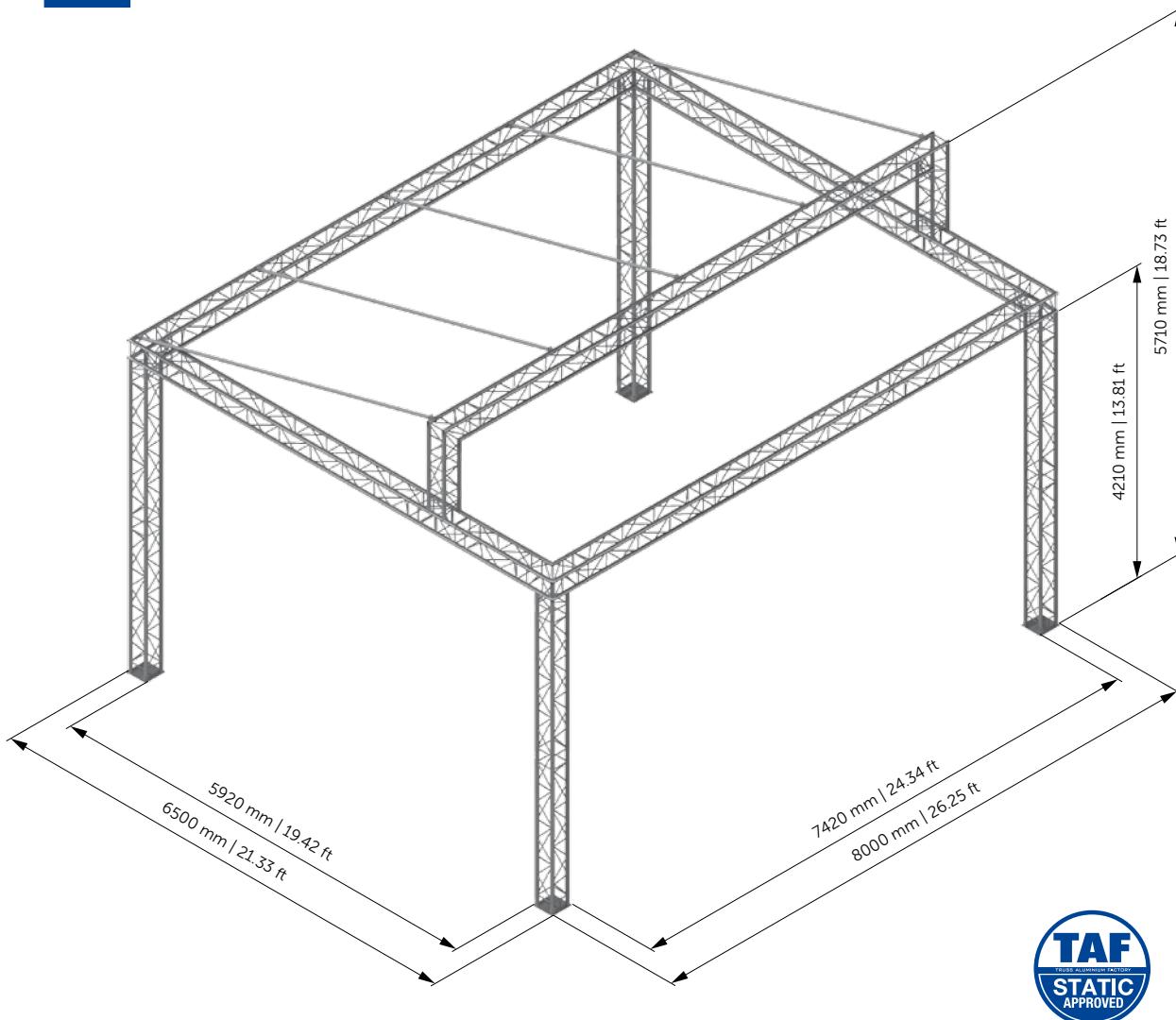
PART LIST

Type	Quantity
FT34-50	2
FT34-100	10
FT34-200	16
FT34-300	4
FT34-C21	2
FT34-C30	4
FT34-T42	2
#3004 (Base plate)	4
Roof bar RST	5

RST2

Roof standard 2 size – 8x5.7x6.5m (26.25x18.73x21.33ft). Lighter version of TAF standard roof is very popular by smaller production groups focusing on small to medium size events including concerts, fashion shows and various performances. Canopy is available on request.

SIZE



ROOFS

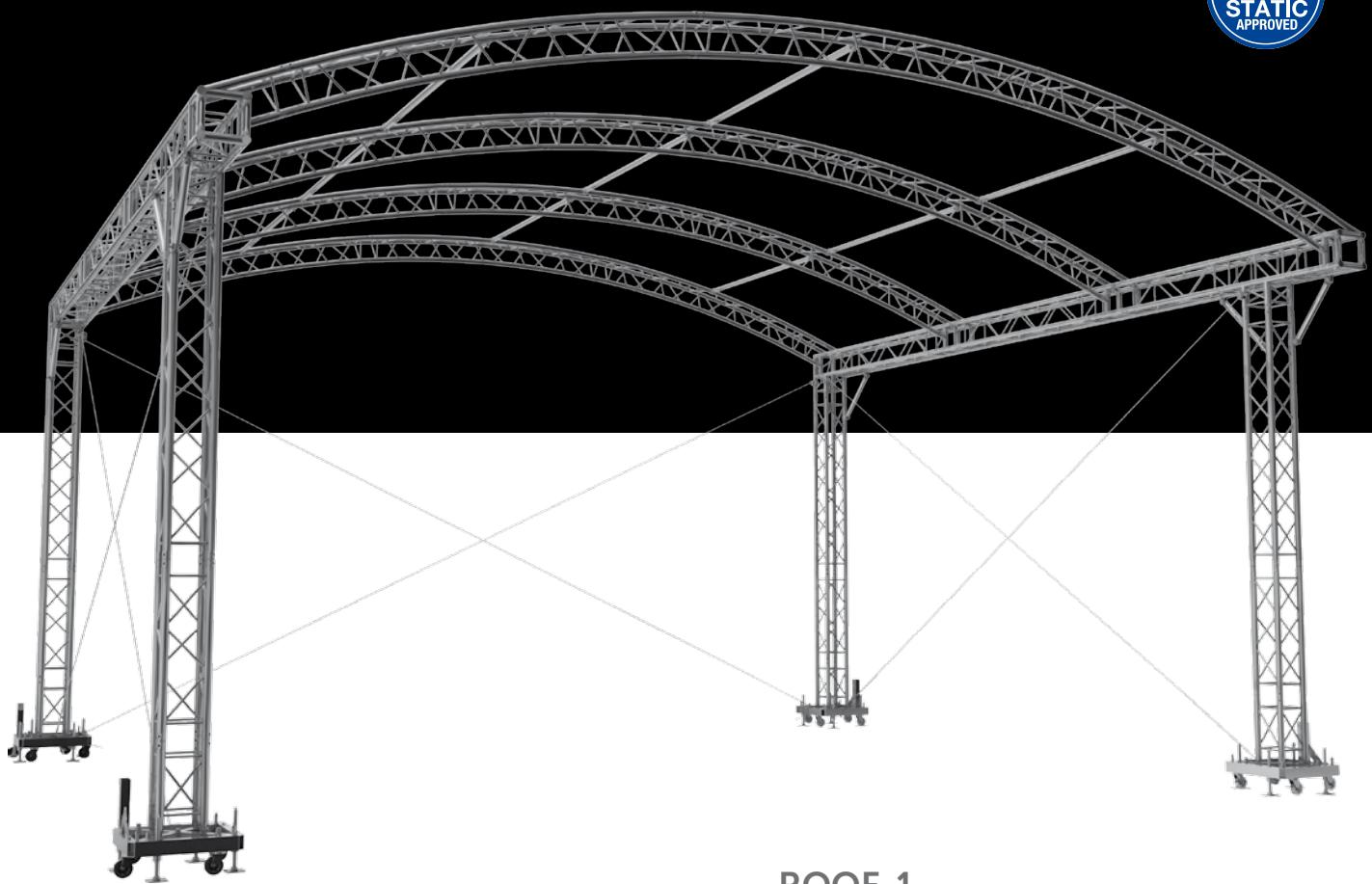
PART LIST

Type	Quantity
FT34-50	2
FT34-100	10
FT34-200	14
FT34-300	3
FT34-C21	2
FT34-C30	4
FT34-T35	2
#3004 (Base plate)	4
Roof bar RST	5

RST3

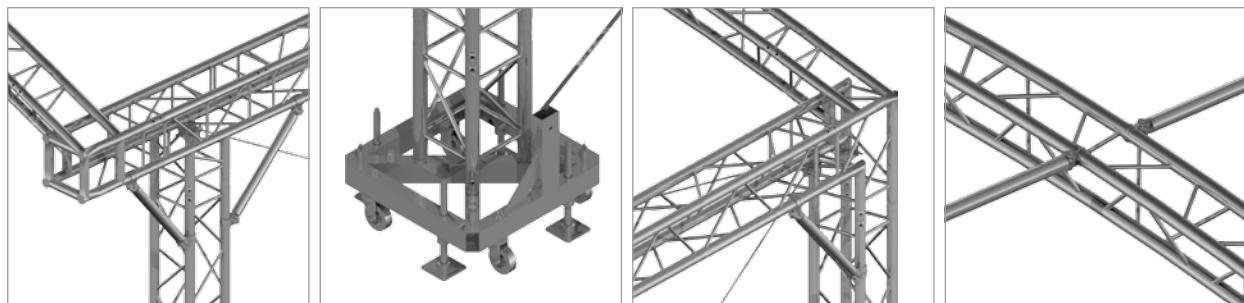
Roof standard 3 size – 8x5.7x6.5m (26.25x18.73x21.33ft). This standard roof has a very similar design to RST2 but there is no lower cross traverse, which makes this set up the most available one for low-cost events. Canopy is available on request.

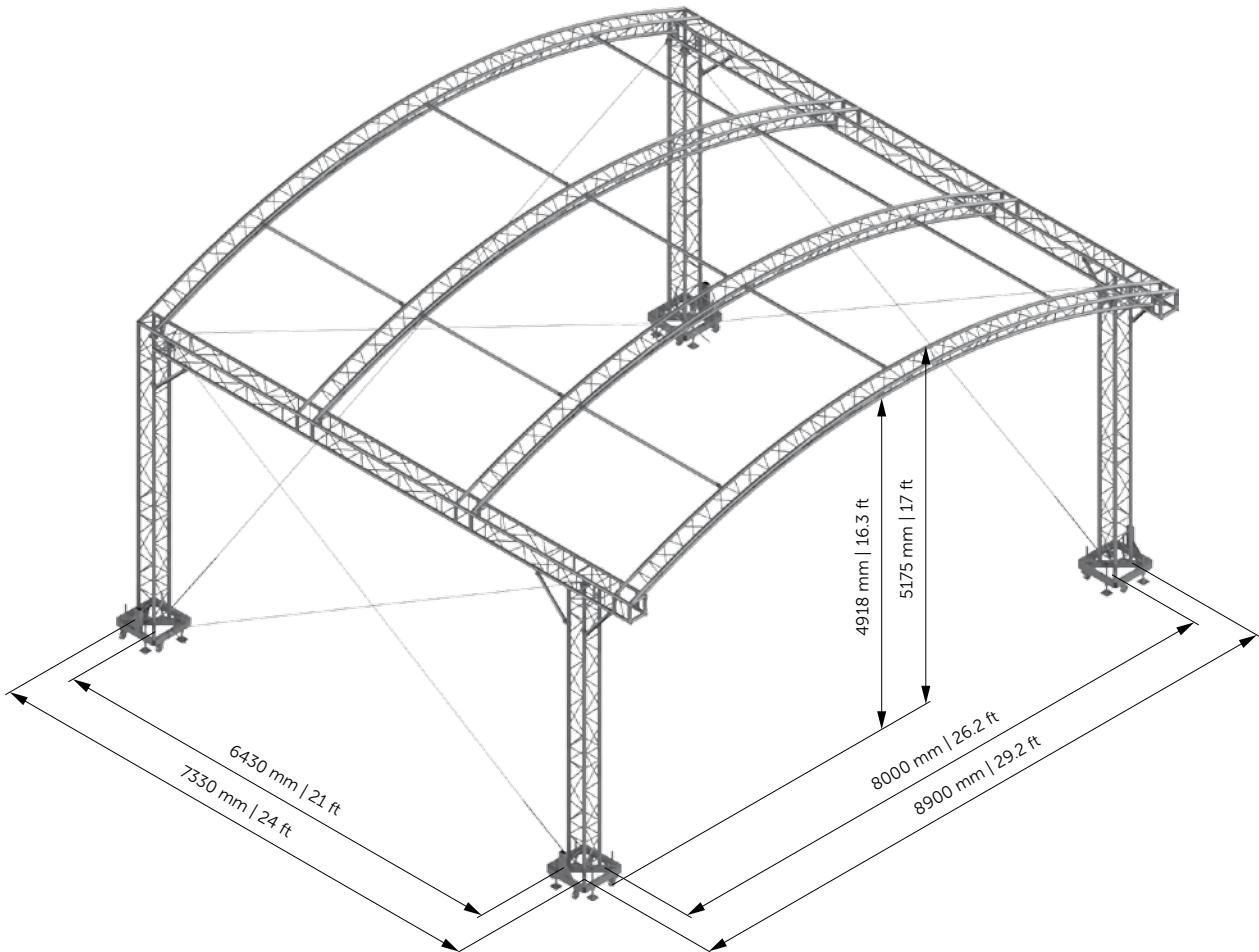
ROOF 1



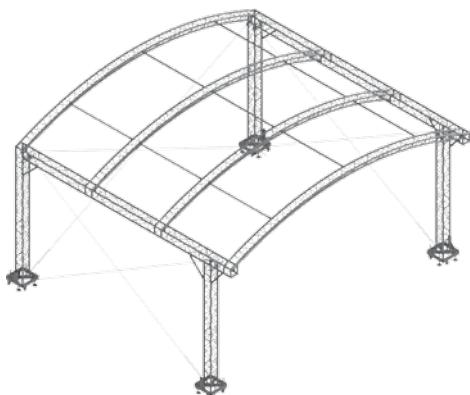
ROOF-1

Roof 1 is an arch roof system designed to cover stage 8x6m (26x19.5ft). Its attractive look is great for small to middle size events such as concerts, fashion and entertainment shows, theatrical performances and many others. However, its design does not allow big loads to be placed on the structure.



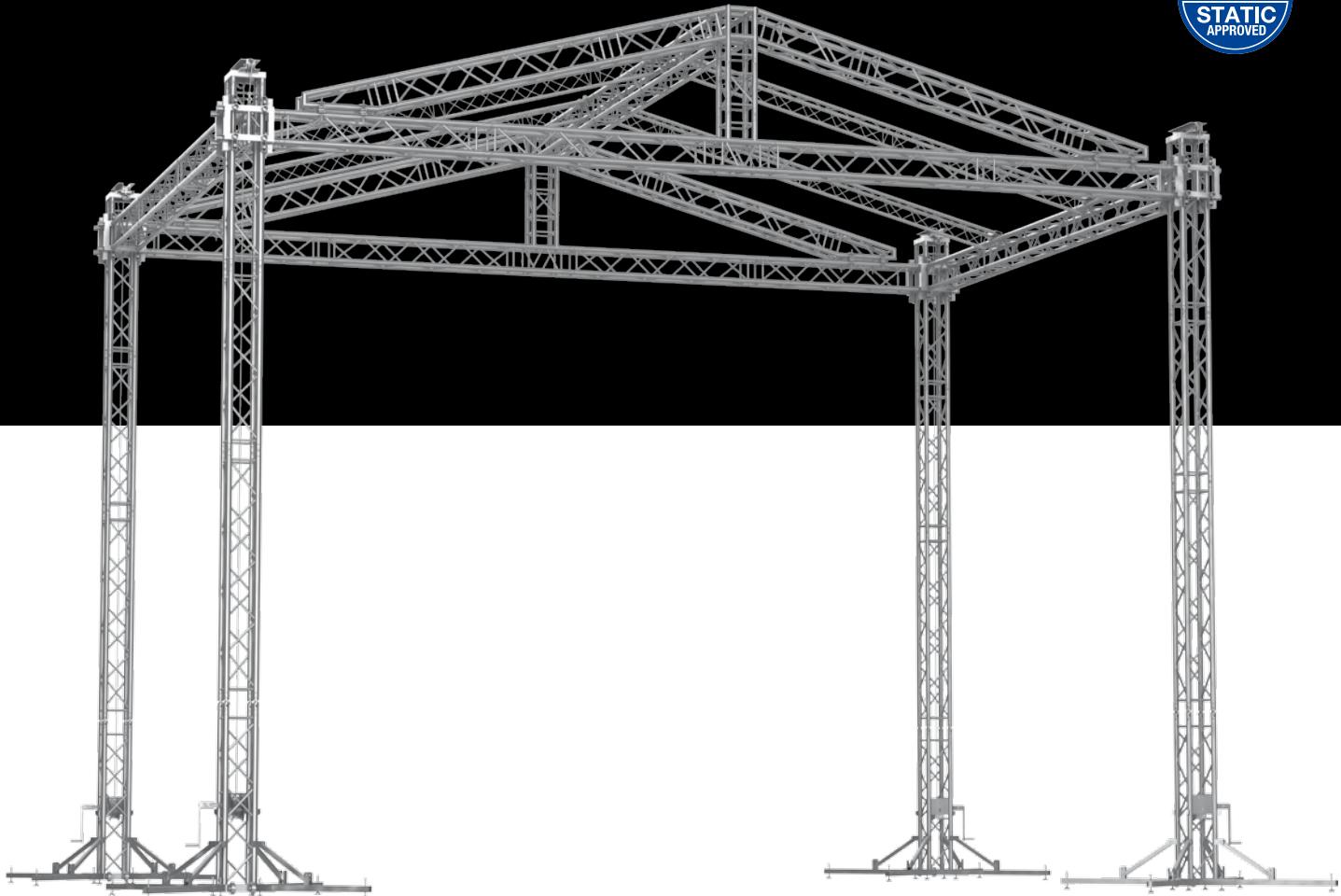
SIZE


ROOFS


SPECIFICATIONS

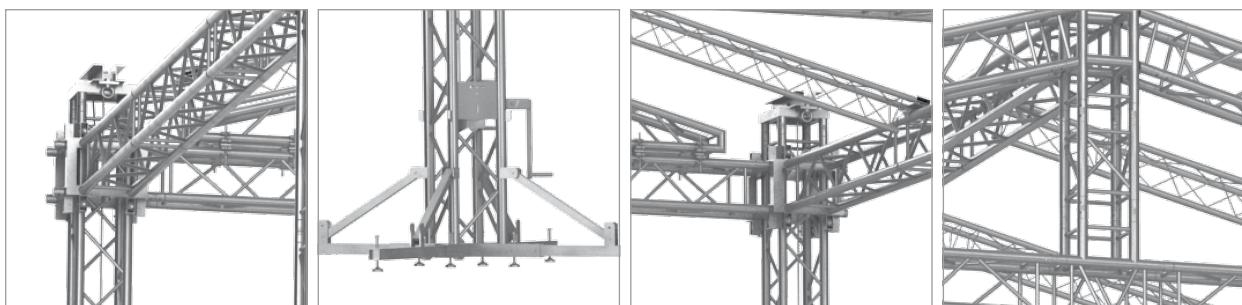
Max.dimension	8,9x7,4m (29x24ft)
Max.stage size	8,0x7,4m (26x19,7ft)
Max.clearance	4,9m (16ft)
Max.height	5,2m (17ft)
Max.load bearing capacity	800kg (1760lb)
Total weight of construction	570kg (1260lb)

ROOF 8x6x6,1m

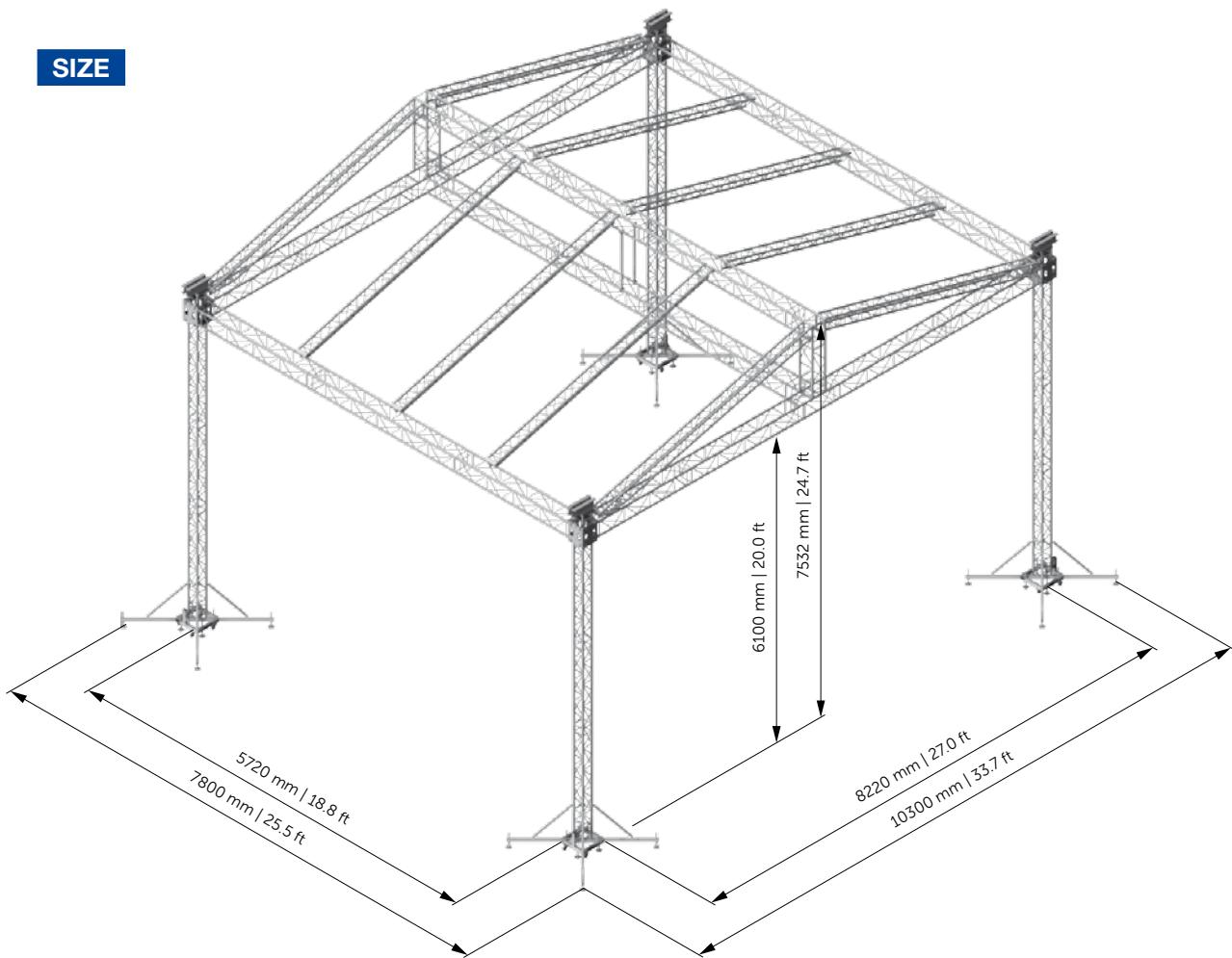


ROOF 8x6x6,1m

Gable Roof 8x6m is a great option if you need to cover smaller size events. It can bear decent load of 2000kg and the clearance of 6,1m gives you enough space for any lighting show. It is very easy to assemble as the columns are from Tower 05 which is a self-contained unit built up from HT34 truss.“



SIZE

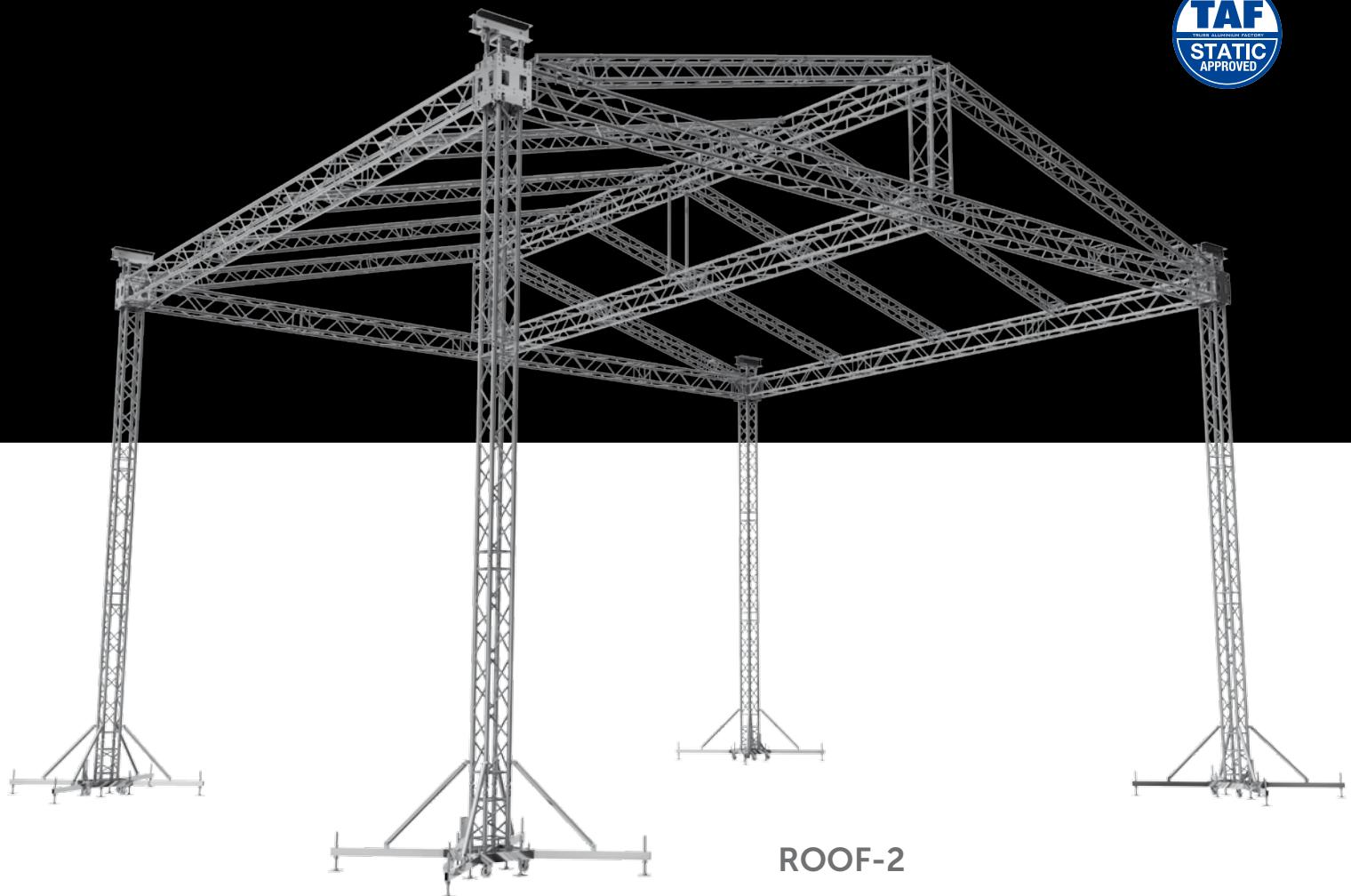


SPECIFICATIONS

Max. dimension	10,3x7,8m (33,7x25,5ft)
Max. stage size	8x6m (26,2x19,7ft)
Max. clearance	6,1m (20ft)
Max. Height	7,53m (24,7ft)
Max. load bearing capacity	2 000kg (4 410lb)
Total weight of construction	600kg (1323lb)

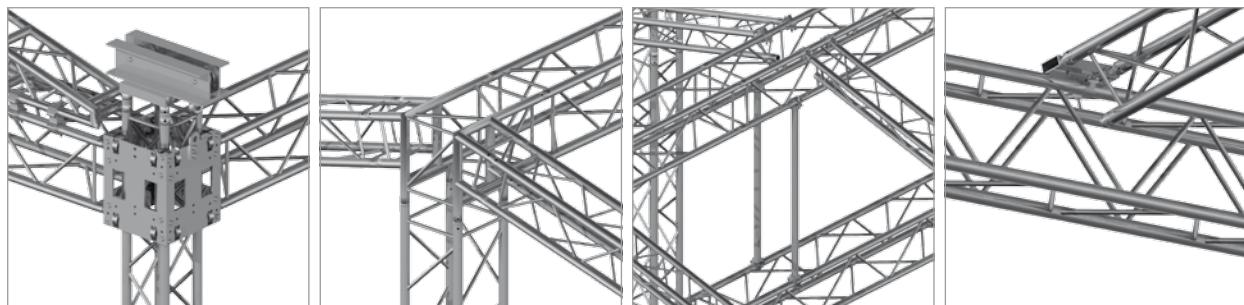


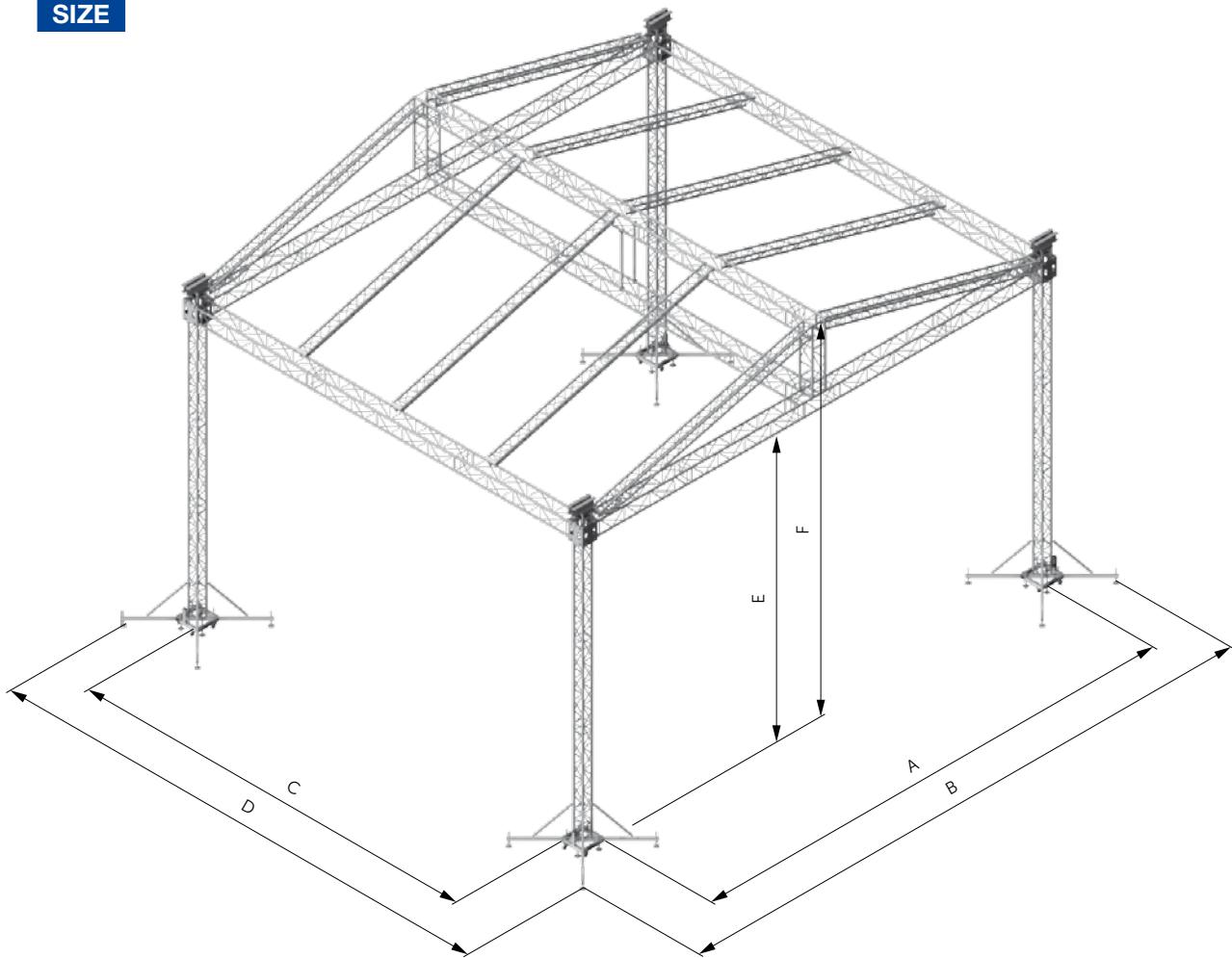
ROOF 2



ROOF-2

Roof 2 is a best selling roof system from our portfolio. The structure is available in three different sizes covering the following stages 12x10m (39x32.5ft), 10x8m (32.5x26ft) and 8x6m (26x19.5ft). Its fast and easy assembly makes Roof 2 a great choice for almost any kind of event.



SIZE


ROOFS

USED CONSTRUCTION SYSTEMS

Mast section	TT-34
Support truss	FT-44
Outside rafter	FT-34
Inside rafter	FT-33

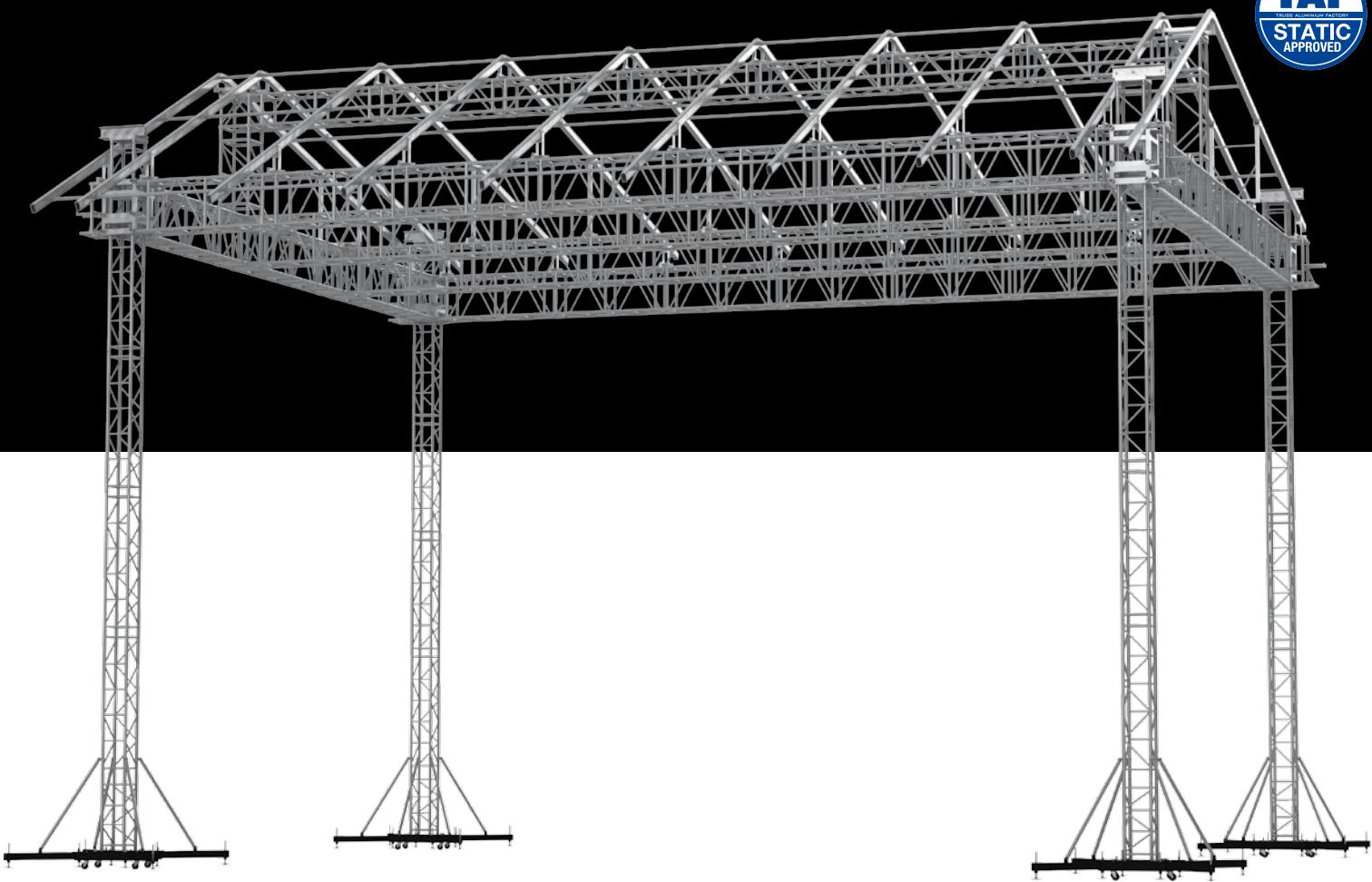
SPECIFICATIONS

Max.dimension	14,5x12,5m (47,6x41,0ft)
Max.stage size	12x10m (39,4x32,8ft)
Max.clearance	7,0m (23,9ft)
Max.height	9,1m (29,8ft)
Max.load bearing capacity	3500kg (7716lb)
Total weight of construction	2000kg (4409lb)

STAGE MEASUREMENTS

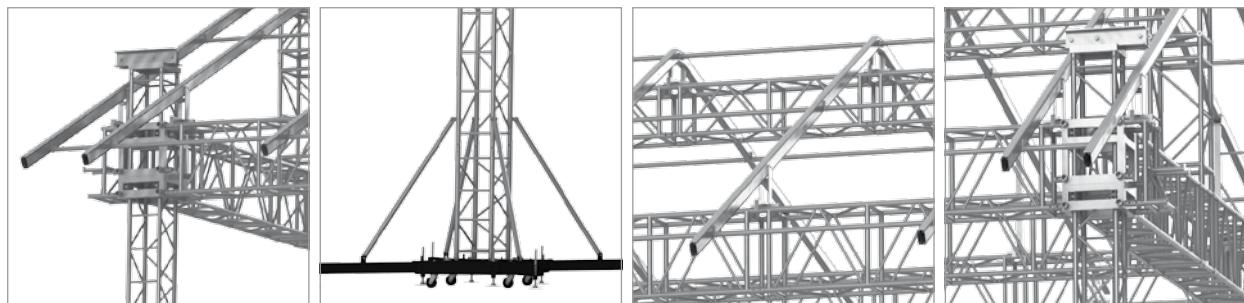
	Inside width	Overall width	Inside depth	Overall depth	Clearance	Height
	A	B	C	D	E	F
8x6 m (26,25x19,69ft)	8030mm (26,35ft)	10500mm (34,45ft)	6030mm (19,78ft)	8500mm (27,89ft)	7000mm (22,97ft)	8567mm (28,11ft)
10x8 m (32,81x26,25ft)	10030mm (32,91ft)	12500mm (41,01ft)	8030mm (26,35ft)	10500mm (34,45ft)	7000mm (22,97ft)	8830mm (28,97ft)
12x10 m (39,37x32,81ft)	12030mm (39,47ft)	14500mm (47,27ft)	10030mm (32,91ft)	12500mm (41,01ft)	7000mm (22,97ft)	9086mm (29,81ft)

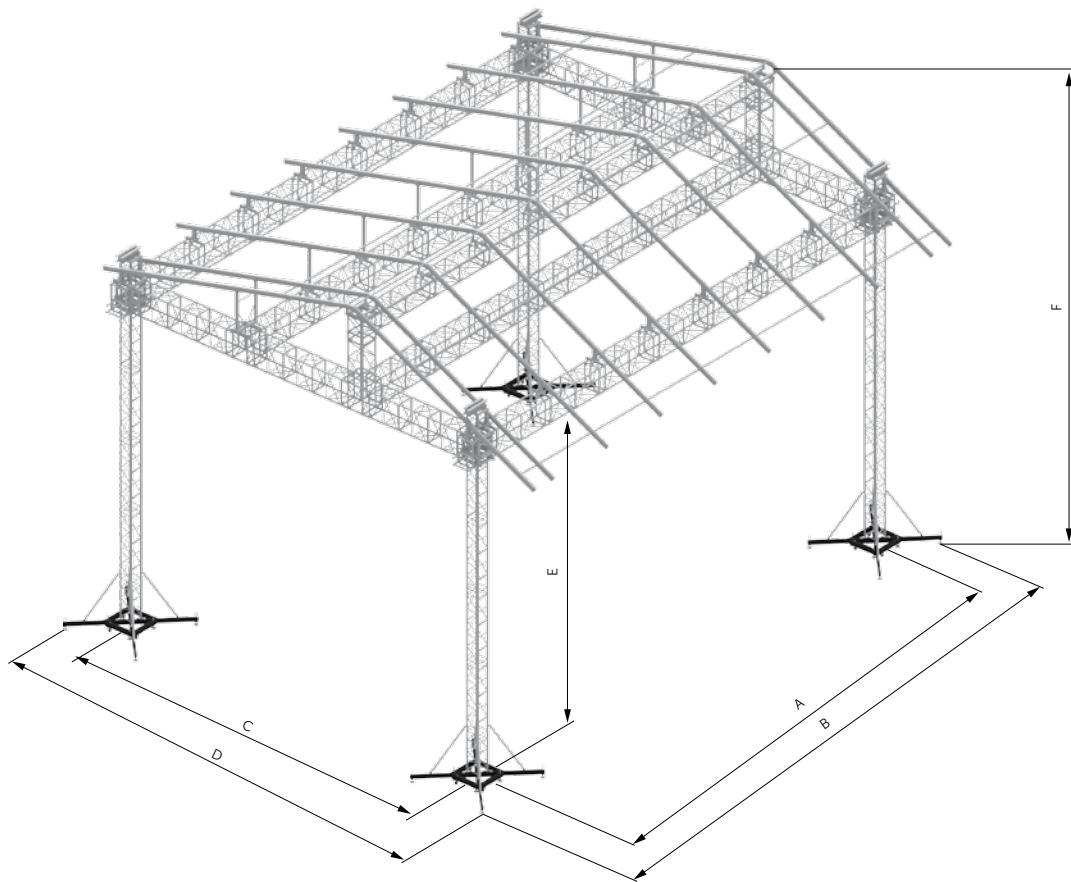
ROOF 14x10x9m KD



ROOF 14x10x9m KD

Keder profile top roofs are very popular systems in rental business. TAF keder roof 14x10x9m (45.9x32.8ft) can bear up to 5000kg (11023lb) and covers the stage of 14x10m size. The keder top is a lightweight solution for covering the stage by canopy stripes. The overall design of the roof is ready for accommodating as many lights and sound systems as you need.





ROOFS

USED CONSTRUCTION SYSTEMS

Mast section	TT-44
Support truss	TT-74
Rafter	Keder Profile

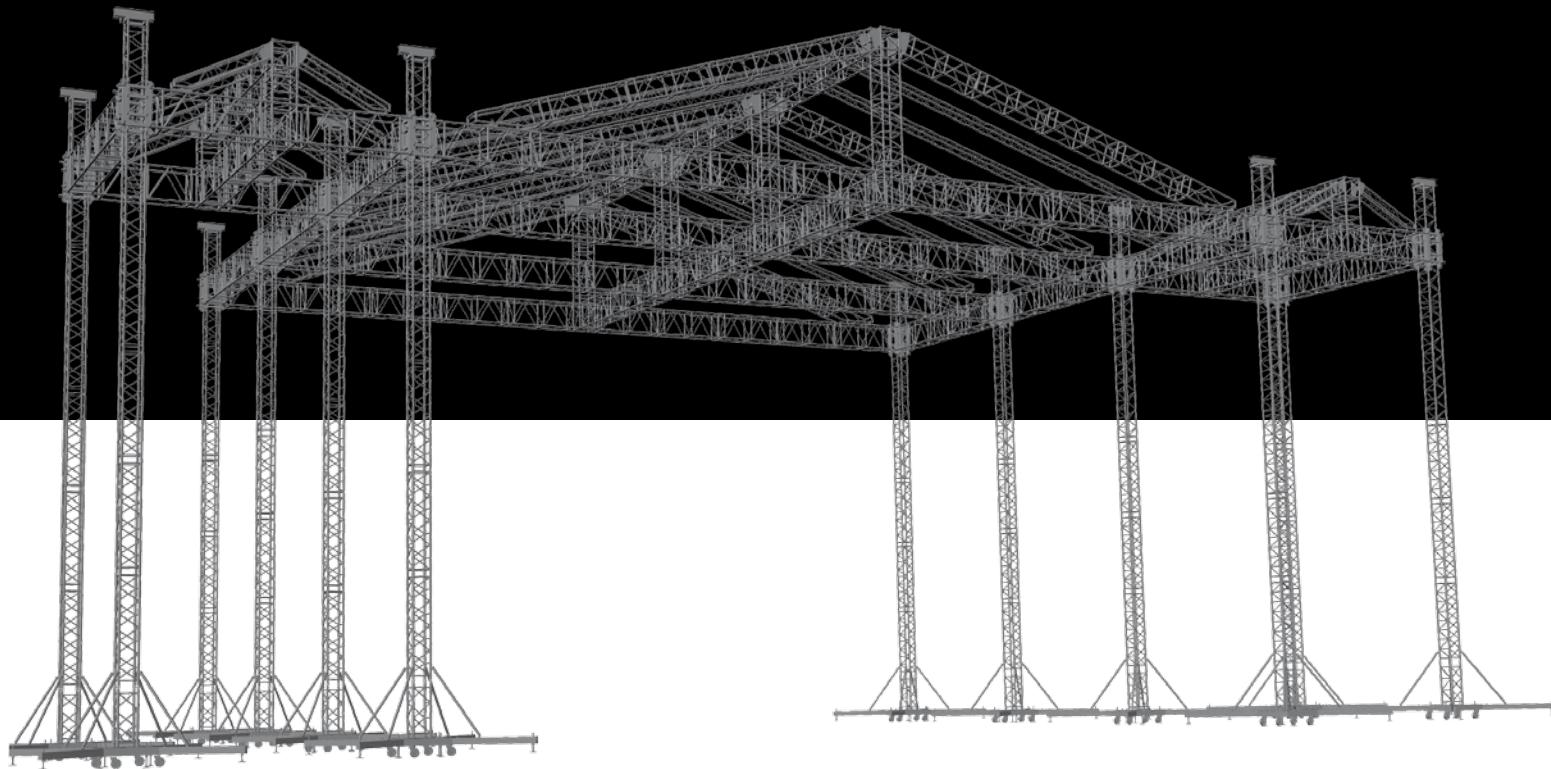
SPECIFICATIONS

Max. dimension	17,0x13,4m (55,9x44,0ft)
Max. stage size	14x10m (45,9x32,8ft)
Max. clearance	9,0m (29,5ft)
Max. height	12,0m (39,5ft)
Max. load bearing capacity	5000kg (11023lb)
Total weight of construction	4100kg (9039lb)

STAGE MEASUREMENTS

	Inside width A	Overall width B	Inside depth C	Overall depth D	Clearance E	Height F
14x10 m (45,9x32,81ft)	14290mm (46,9ft)	17040mm (55,9ft)	10670mm (35,0ft)	13420mm (44,0ft)	9000mm (29,5ft)	12030mm (39,5ft)

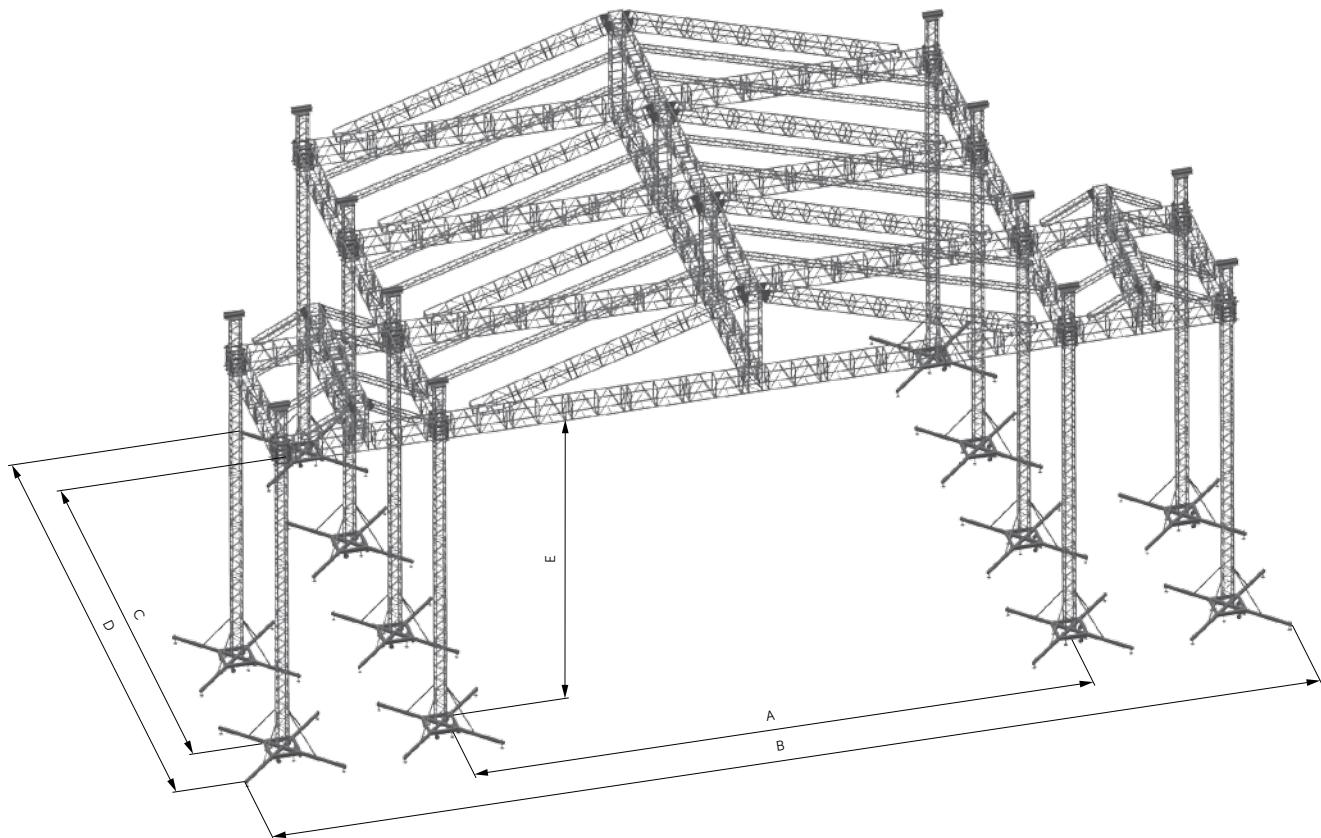
ROOF 3



ROOF-3

Roof 3 is the largest one in TAF production. It can cover area from 120 sq.meters to 320 sq.meters depending on the customers request. The roof comes fully equipped by canopies, guy wires, static calculation and manual. Covering max. stage size of 21x16.5m (68.5x52ft).

There are also other possibilities to build larger roofs of similar design. We have also a lot of experiences with Kedr profile roof systems and merging of the two options, i.e. aluminium truss and Kedr profiles. The custom projects are always welcome and our technical department can provide you with full support.

SIZE


ROOFS

USED CONSTRUCTION SYSTEMS

Mast section	TT-44
Support truss	TT-74, TT-54
Outside rafter	FT-44
Inside rafter	FT-43

SPECIFICATIONS

Max.dimension	34x20m (111,5x65,6ft)
Max.stage size	21x16,5m (68,9x64,1ft)
Max.clearance	11,5m (37,7ft)
Max.height	15,5m (50,8ft)
Max.load bearing capacity	12500kg (27 558lb)

STAGE MEASUREMENTS

	Inside width	Overall width	Inside depth	Overall depth	Clearance
	A	B	C	D	E
	21000mm (68,9ft)	34000mm (111,5ft)	16700mm (54,8ft)	20000mm (65,6ft)	11500mm (37,7ft)

TAF RIGGING MOTORS

supported by **STAGEMAKER**

SR1
SR2
SR5
SR10



INNOVATIONS

- Exclusive non-contact magnetic hoist positioning system as standard on most models.
- New Perfect Push concept, 5 pocket load wheel, fitted with 5 intermediate teeth. This innovative load wheel helps distribute the load over more of the chain, dramatically reducing chain wear, and also helps to provide a smooth and quiet flow of the chain through the hoist.
- Chainflux design, rear ejection chain guide system, provides a horizontal flow of the chain from the load wheel. This design, along with the high strength aluminum construction, allows for a more fluid flow of the chain into the chain bag and help reduce the risk of chain jamming
- Motor design provides consistent speeds when both fully loaded or unloaded
- Electrical components designed for "plug and play" connectivity
- Hoist body is powder coated with black, protective 70 µm paint, allowing it to perform under the most extreme conditions

IMPROVED ERGONOMICS

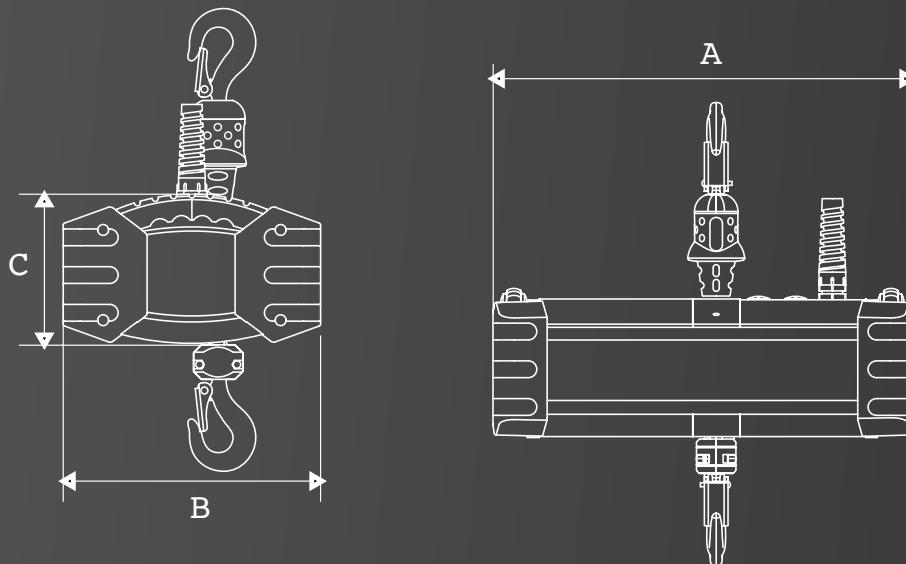
- Rubber buffers located on hoist corners provide added protection for the hoist
- Ergonomic concept of retractable, rubber clad handgrips, allow for easy transportation of the hoist
- Lifting hook has an ergonomic, rubber clad, gripping surface

TYPES OF CONTROL

Config A – Direct voltage control | Config B – 3 phrase with low voltage control | Config C – Encoder based hoists available

TECHNICAL CHARACTERISTICS

- IP 55 rated
- Complies with standards: CE and CSA
- Double brake and BGV-D8+ hoists available
- Maintenance free DC disk brake
- Hoist may be used in body up or body down position with no modification required
- Non contact magnetic positioning system standard on all Config B hoists
- Stromag geared limit switch available as option on all Config B hoists
- All Config B hoists equipped for encoder addition
- Black chain as standard with galvanized chain available
- ChainFlux MKII® specially designed chain guide
- New "Perfect Push®" 5 pocket load wheel with 5 intermediate guide teeth
- Plug and play electronics uses the same card for all SR hoists excluding SR01. One spare covers the entire range of hoists.
- Adjustable slip clutch located outside load path
- Available Power Supplies:
 - 208V/230V/3Ph/60Hz
 - 460V/3Ph/60Hz
 - 415V/3Ph/50Hz
- Black painted hoist body (RAL 7021)
- Rotating upper and lower hooks, fixed body hook, or safety latch hooks available
- Retractable, tuber clad handgrips
- Lifting hook with ergonomic, rubber clad, gripping surface
- High capacity, reversible chain bag
- Available Plugs:
 - CE type plugs (Config A, direct control hoist only)
 - 7 pin combined power and control
 - Dual Twist Lock
 - P14 combined power and control
 - L 14-20 available for local control



SPECIFICATIONS

Load Capacity	Model	Speed (n/min)	Speed (fpm)	Number of Falls	Chain Size	Dimensions						Hoist Weight (without chain)		Chain Weight	
						A	B	C	mm	mm	inch	mm	inch	mm	inch
205 kg 1/4 ton	SR01 0410254	4	16	1	4 x 11	307	12,1	180	7,1	112	4,4	10,4	23	0,37	0,25
	SR02 0410255	4	16	1	4 x 11	478	18,8	264	10,4	150	5,9	20,1	44,3	0,37	0,25
	SR02 0810254	8	32	1	4 x 11	478	18,8	264	10,4	150	5,9	20,1	44,3	0,37	0,25
	SR05 1610254	16	64	1	5 x 14	472	18,6	297	11,7	174	6,8	29,6	65,3	0,57	0,39
500 kg 1/2 ton	SR01 0220250	2	8	2	4 x 11	307	12,1	180	7,1	112	4,4	10,4	23	0,57	0,39
	SR05 0410505	4	16	1	5 x 14	472	18,6	297	11,7	174	6,8	29,6	65,3	0,57	0,39
	SR05 0810504	8	32	1	5 x 14	472	18,6	297	11,7	174	6,8	29,6	65,3	0,57	0,39
	SR10 1610504	16	64	1	7 x 20	508	20	335	13,2	180	7,1	44,4	98	1,09	0,74
1000 kg 1 ton	SR10 0411004	4	16	1	7 x 20	508	20	335	13,2	180	7,1	44,4	98	1,09	0,74
	SR10 0811004	8	32	1	7 x 20	508	20	335	13,2	180	7,1	44,4	98	1,09	0,74
2000 kg 2 ton	SR10 0222004	2	8	2	7 x 20	508	20	335	13,2	180	7,1	44,4	98	2,2	1,48
	SR10 0422004	4	16	2	7 x 20	508	20	335	13,2	180	7,1	44,4	98	2,2	1,48

RIGGING ACCESSORIES

TAF also provides basic rigging accessories which are usually included in our roof system and tower system packages. We can supply any kind of rigging item necessary for aluminium truss structures operation including both manual and electrical chain hoists.



#6001-L-T

Clamping belt+ratchet
Various length (L)
Various tonnage (T)



#6002-L

Round sling 1000kg
Various length (L)



#6003-L

Round sling 2000kg
Various length (L)



#6004-L

Round sling 3000kg
Various length (L)



#6005

Shackle various loads 500, 1000,
1500, 2000kg



#6014

Tower 1 Erector



#6015

Tower 2 Erector



#6009

Handwinch + 15m steel rope



#6010-L-S

Steel rope
Various length (L)
Various diameter (S)



#6011

Chain hoist
1 ton with 10m chain



#6012

Chain hoist
1,5 ton with 10m chain



#6016

Spot Chair



#6017

Water Tank



TT SH

safety hook 1t

TT SH2

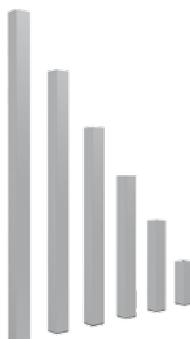
safety hook 2t

STAGES STH



STH stages represent an upgrade from our standard ST stages in many ways. They are rated for 750kg/m² (154lb/sqft) and carry desk with popular hexa anti-skidding surface. One of the main advantages of these stages is their weight, only 32kg (71lb), durability and easy assembly. Another very important feature of this desks is the ability to accommodate various types of legs – 48.3mm round, 50x50mm square and 60x60mm square all without changing the pressure cubes inside the corner.

750kg/m²
(154lb/sqft)



STH-1

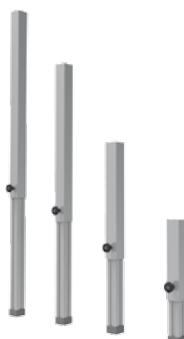
Top: Black hexa plywood
Dimensions: 1x2m (3.28x6.56ft)
stage deck
Loading capacity: 750kg/m²
(154lb/sqft)
Weight: 32kg (71 lb)
Height: 9cm (3.54 inch)

STH-2

Dimensions: 1x1m (3.28x3.28ft)
stage deck
Loading capacity: 750kg/m²
(154lb/sqft)
Weight: 16kg (35.27 lb)
Height: 9cm (3.54 inch)

STH-L

Standard fixed leg for STH stages, available in 48x3mm (1.58x0.01inch) pipes or 50x50x3mm (1.97x1.97x0.01 inch) and 60x60x2mm (2.36x2.36x0.01 inch) square profiles.



STH-L-T

Square telescopic legs for STH platforms in range 0.4m – 1.8m (1.31 – 3.28ft)

STH-ACC-1

Leg to leg connector for two legs

STH-ACC-2

Leg to leg connector for four legs



STH-CON

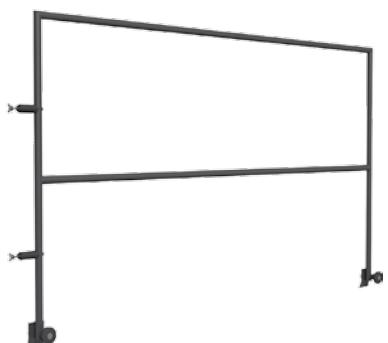
Deck to deck connector for strong and steady connection

STH-ACC-4

Deck leveler

STH-RAIL-100

1m handrail for STH



STH-RAIL-200

2m handrail for STH



STH-STAIRS

Modular stairs 20cm (7.87inch),
40cm (1.31ft), 60cm (1.97ft),
80cm (2.63ft)



STH-RAIL-S

Handrail for stairs



STH-STAIRS/ADJ

STH adjustable stairs in various heights, range: 0.4 – 1.8m (1.31 – 3.28ft)



STH-RAIL/ADJ

Handrail for adjustable stairs

BARRIERS

TAF barriers are the right choice for controlling the crowd when necessary. The barriers are safety devices which can help you to manage the crowds at various types of events such as pop concerts, music festivals, political meetings etc.

The cable protectors can be used anywhere you want to provide protection for your cords and cables from walk-over pedestrian and car traffic.



BR-B

Barrier Base



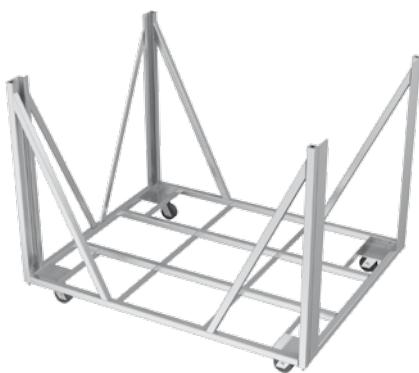
BR-G

Barrier Gate



BR-V

The Vario Corner gives you absolute flexibility in creating necessary barrier corners.



BR-BOX-V

Barrier Dolly for Vario Corner



BR-BOX-B

Barrier Dolly for Base & Gate

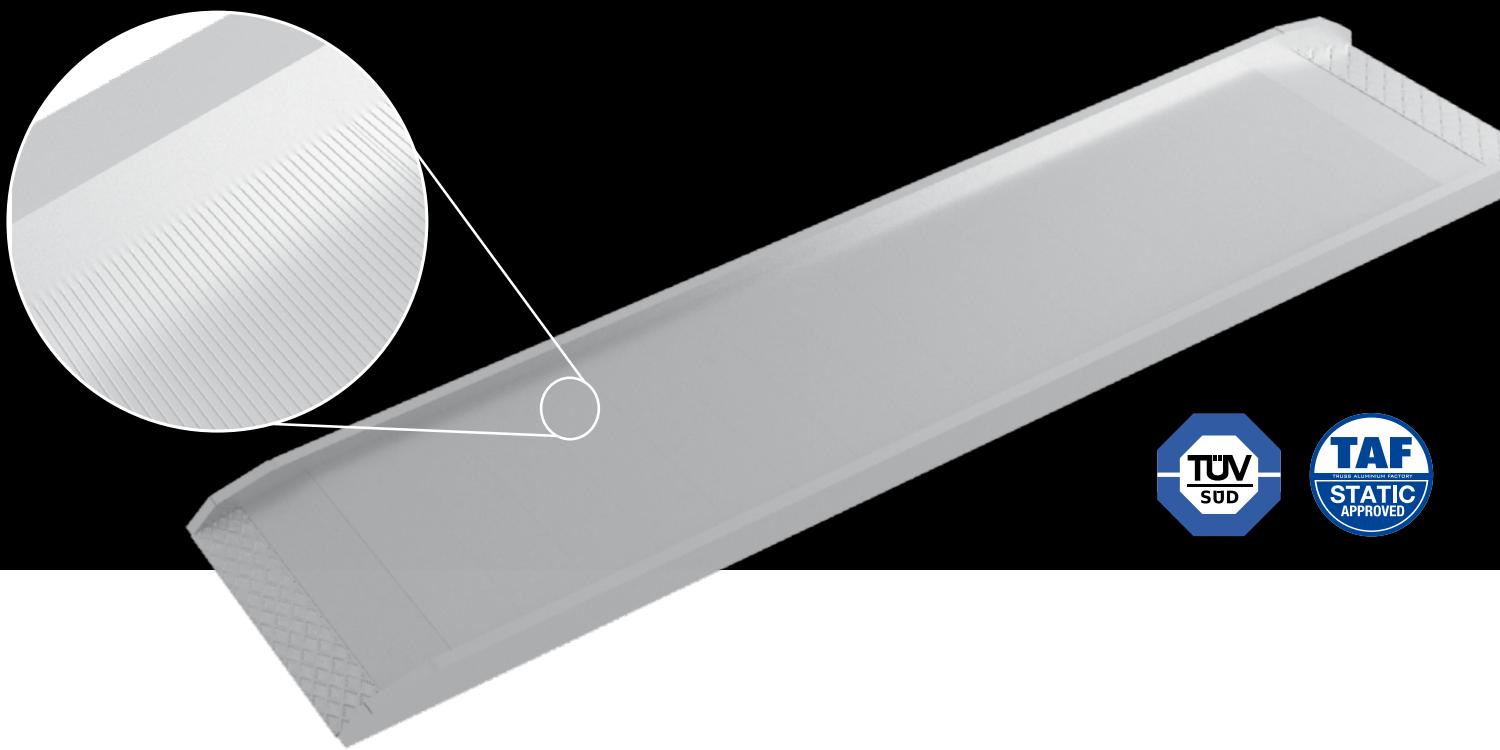


BR-HA

Height Adapter for Barriers



TRUCK RAMP



TAF offers a range of aluminium loading ramps for trucks, vans and other vehicles. We standardly produce ramps in the following width dimensions - 80cm (31.5"), 100cm (39.5") and 110cm (43.3"). The truck ramps sizes ,width and length, can be adjusted on request so everyone gets exactly what they need. TAF truck ramps are made of aluminium profiles specially designed to cope with high loads.




TR80 - 300
 80x300 cm (2.63x9.84 ft)

TR80 - 400
 80x400 cm (2.63x13.12 ft)

TR80 - 500
 80x500 cm (2.63x16.40 ft)

TR100 - 300
 100x300 cm (3.28x9.84 ft)

TR100 - 400
 100x400 cm (3.28x13.12 ft)

TR100 - 500
 100x500 cm (3.28x16.41 ft)

TR110 - 300
 110x300 cm (3.61x9.84 ft)

TR110 - 400
 110x400 cm (3.61x13.12 ft)

TR110 - 500
 110x500 cm (3.61x16.41 ft)

LOADING CHART

Couple of Forces, ΣF [kN]			Single Force F [kN]				
	800	100	1100		800	100	1100
2 m	EL	8.46	5.95	5.17	4.76	3.81	3.46
3 m	EL	8.46	5.95	5.17	4.76	3.81	3.46
4 m	EL	8.46	5.95	5.17	4.76	3.81	3.46
5 m	EL	7.57*	5.95	5.17	4.75*	3.81	3.46

EL= Elastic Load Capacities

* decisive load is beam capacity (not grid)

APPLICATION CHART



FURNITURE

TAF regularly produces three different types of bar stools and two types of round tables that you can see in this section. The TAF furniture is widely used in clubs, discos, bars and at trade shows.

There are also three standard types of shelves in our portfolio which can be used not only at exhibitions but also in shops, offices and many other spaces. The shelves are made from TAF standard FT32 trussing line. We also produce lecterns, a very popular item with speakers at various types of events.



#9001

Club style curved bar stool from aluminium profiles and high-quality pine wood is perfect for many occasions. They are widely used in bars, clubs, discos, exhibitions etc.



#9002

Straight standard style bar chair from aluminium profiles and high-quality pine wood represents a great option for both of the tables in our portfolio. It can be used at any occasion.



#9003

Classic straight bar chair from aluminium profiles and high-quality pine wood. Can be used basically anywhere, clubs, pubs, bars, pools, shows etc.



#9101

Club style bent table from aluminium profiles and high-quality pinewood. It is produced in two size types; height 0.5m(1.64ft) or 1m(3.30ft).



#9102

Classic style straight table from aluminium profiles and high-quality pinewood. It is produced in two size types; height 0.5m(1.64ft) or 1m(3.30ft).



#9401

Standard Lectern with Diamond Plate

#9401T

Diamond Plate Top



#9402

Lectern Double Leg with
Wooden Top & Base



#9403

Lectern Single Leg with Wooden
Top & Base



#9405

Lectern with Plexiglass

#9405T

Plexiglass Top



#9406

Lectern Curved with Diamond
Plates



#9301

Catalogue stand fixed



#9303

Catalogue stand collapsible



#9304

Universal desk FT24/FT34



#9305

TV stand

DESIGN EVENTS



You can find several trade show designs in this section. We deliver them as complete exhibition booth packages. These designs show the huge flexibility and variability of TAF aluminium truss segments. Feel free to come up with your own ideas and contact us when ready for their realization.



#5001

Display banner for any kind of promotion.
Quicklock line system: FT32 Dimensions:
2x2x2.5m (6.56x6.56x8.20ft)



#5002

Rectangular banner with large promotion space.
Quicklock line system: FT32 Dimensions:
5x1.5x2.5m (16.40x4.92x8.20ft)



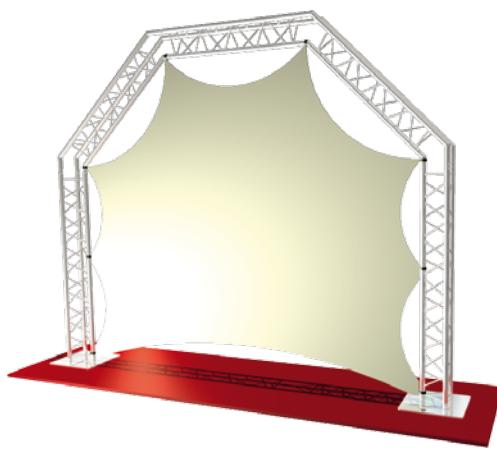
#5003

Simple banner set up great for smaller booths at shows and exhibitions. Quicklock line system: FT32 Dimensions: 1.5x1.5x3.5m (4.92x4.92x11.5ft)



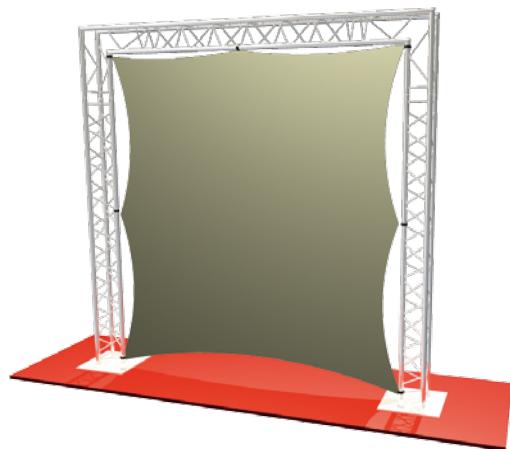
#5004

The tall banner is not only eye-catching but its design allows you to display your products as well. Quicklock line system: FT32 Dimensions: 1.5x1.5x4m (4.92x4.92x13.12ft)



#7040

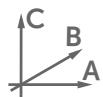
Large screen frame represents perfect projection wall for various occasions. Quicklock line system: FT23 Dimensions: 3x2.5m (9.84x8.20ft)



#7041

Standard size screen frame set up. Light and easy to assemble frame for various projections. Quicklock line system: FT23 Dimensions: 2.5x2.5m (8.2x8.2ft)

DESIGN EVENTS



#7042

Single tube screen frame. Quicklock line system:
FT31 Dimensions: 2.5x2.5m (8.20x8.20ft)



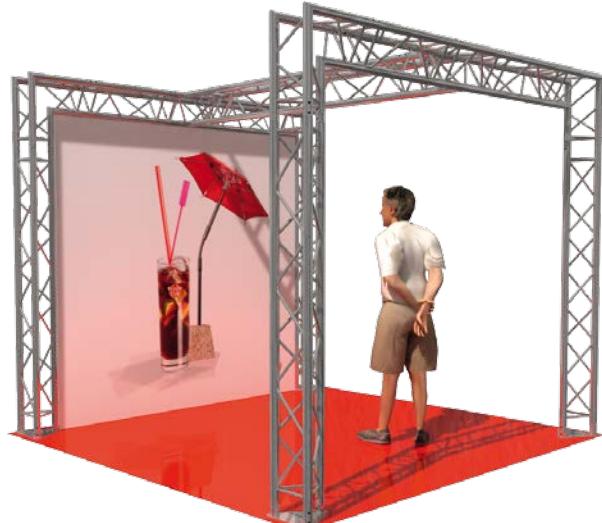
#5101

Small size exhibit design Quicklock line system:
FT34 Dimensions: 3x3x2.6m (9.85x9.85x8.57ft)



#5102

Small size exhibit design Quicklock line system:
FT33 Dimensions: 2.92x3x2.5m (9.58x9.84x8.20ft)
Clearance: 2.25m (7.38ft)



#5103

Small exhibit design Quicklock line system: FT33
Dimensions: 2.92x3x2.5m (9.58x9.85x8.20ft)
Clearance: 2.25m (7.38ft)



#5104

Small exhibit design Quicklock line system: FT33
Dimensions: 2.66x2.66x2.5m (8.73x8.73x8.20ft)
Clearance: 2.25m (7.38ft)

#5201

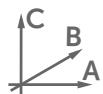
Medium size exhibit designs Quicklock
line system: FT33 Dimensions: 6x3x3m
(19.69x9.85x9.85ft) Clearance: 2.75m (9.02ft)



#5202

Medium size exhibit design Quicklock line system: FT34 Dimensions: 6x3x3m (19.69x9.85x9.85ft)
Clearance: 2.72m (8.91ft)

DESIGN EVENTS



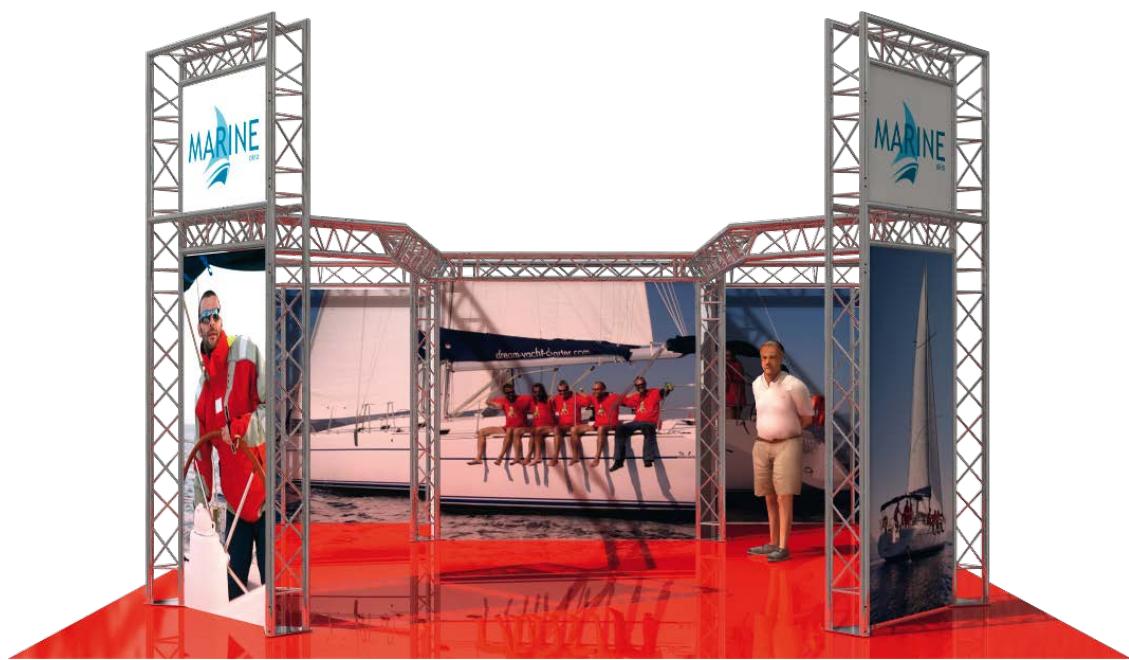
#5203

Medium size exhibit design Quicklock line system: FT33 Dimensions: 6x2x3.63m (19.69x6.56x11.90ft)
Clearance: 2.25m (7.38ft)



#5204

Medium size exhibit design Quicklock line system: FT34 Dimensions: 5.5x3x3m (18.04x9.85x9.85ft)
Clearance: 2.72m (8.91ft)



#5302

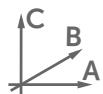
Large exhibit design Quicklock line system: FT33 Dimensions: 6x5.5x3.6m (19.69x17.95x11.81ft)
Clearance: 2.25m (7.38ft)



#5301

Large exhibit design Quicklock line system: FT34 Dimensions: 6x6x4m (19.69x19.69x13.12ft) Clearance: 2.61m (8.56ft)

DESIGN EVENTS



#5205

Medium Exhibit Design Quicklock line system: FT34 Dimensions: 4x4x3m (13.12x13.12x9.85ft) Clearance: 2.61m (8.56ft)



#5303

Large Exhibit Design Quicklock line system: FT34 Dimensions: 5.5x5x3m (18.05x16.40x9.85ft) Clearance: 2.61m (8.56ft)



#5206

Medium Exhibit Design Quicklock line system: FT34 Dimensions: 4.5x4.5x3m (14.76x14.76x9.85ft) Clearance: 2.61m (8.56ft)



#5207

Medium Exhibit Design Quicklock line system: FT34 Dimensions: 4.29x3.295m (14.07x10.81ft) Clearance: 3m (9.85ft)

DESIGN EVENTS



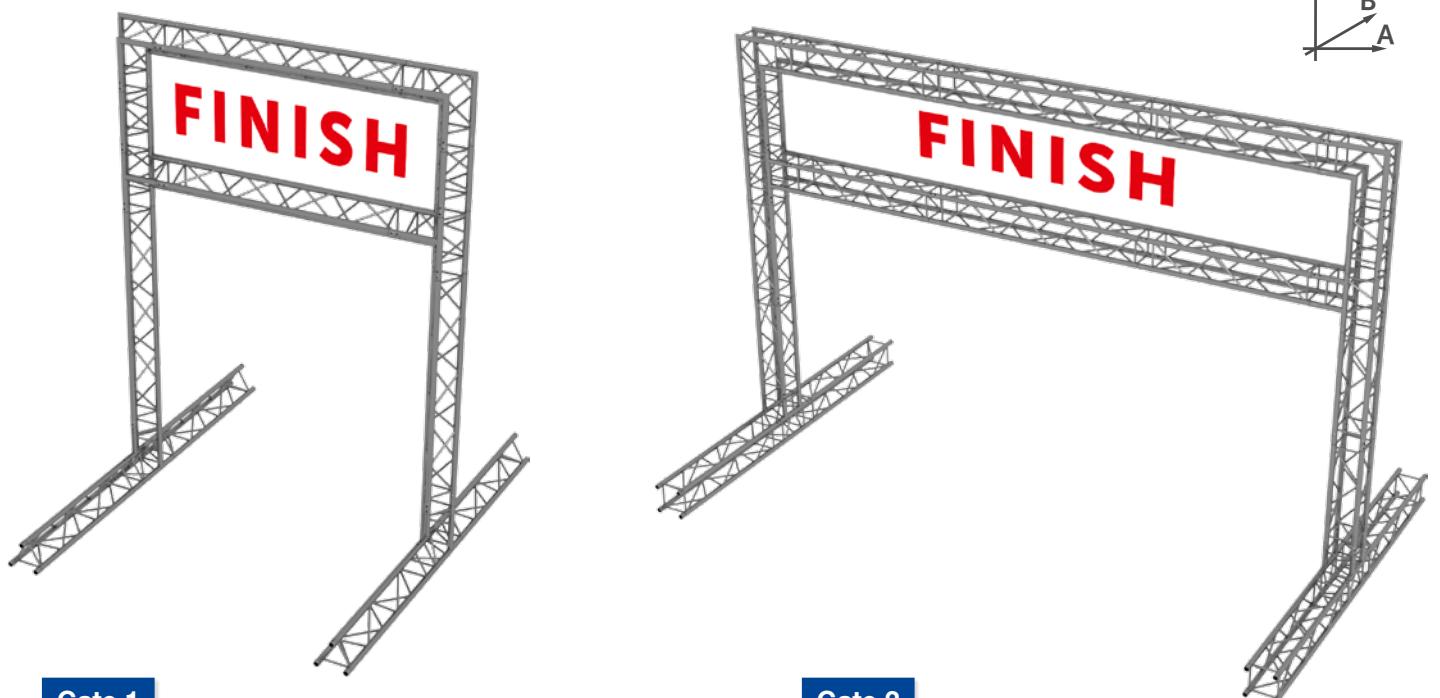


DESIGN EVENTS



Gate 5

This finish gate offers a lot of promotional space and has great design. It is made out of FT34 truss system. Dimensions 13.6x2.5x7.4m (44.62x8.20x24.28ft) with clearance of 4.7m (15.42ft)

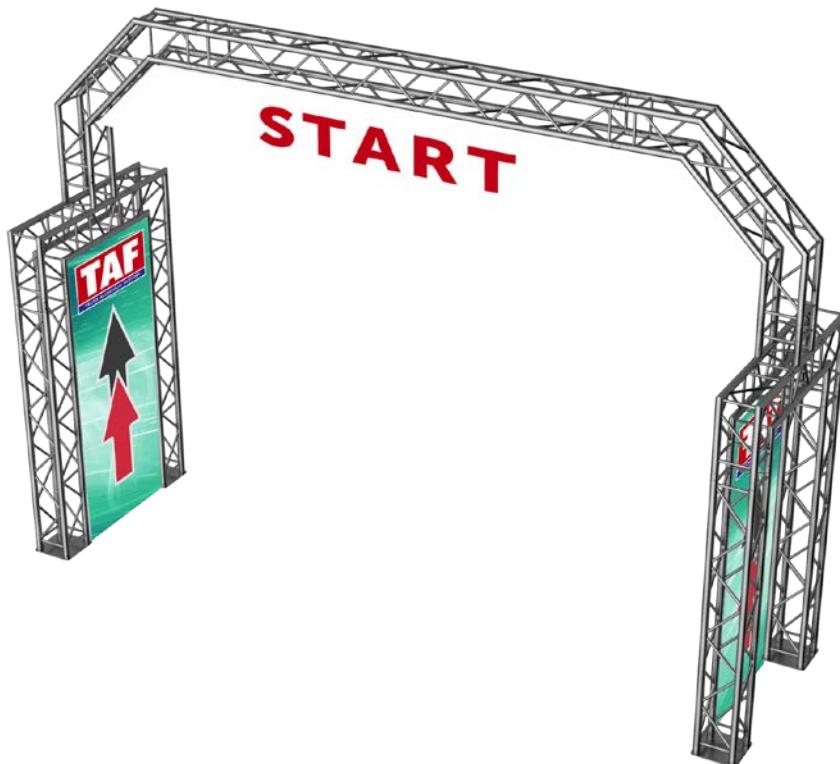


Gate 1

Basic version of finish gate for various types of races. It is made out of FT33 truss system. Dimensions 3x3.5x4m (9.85x11.48x13.12ft) with clearance 2.6m

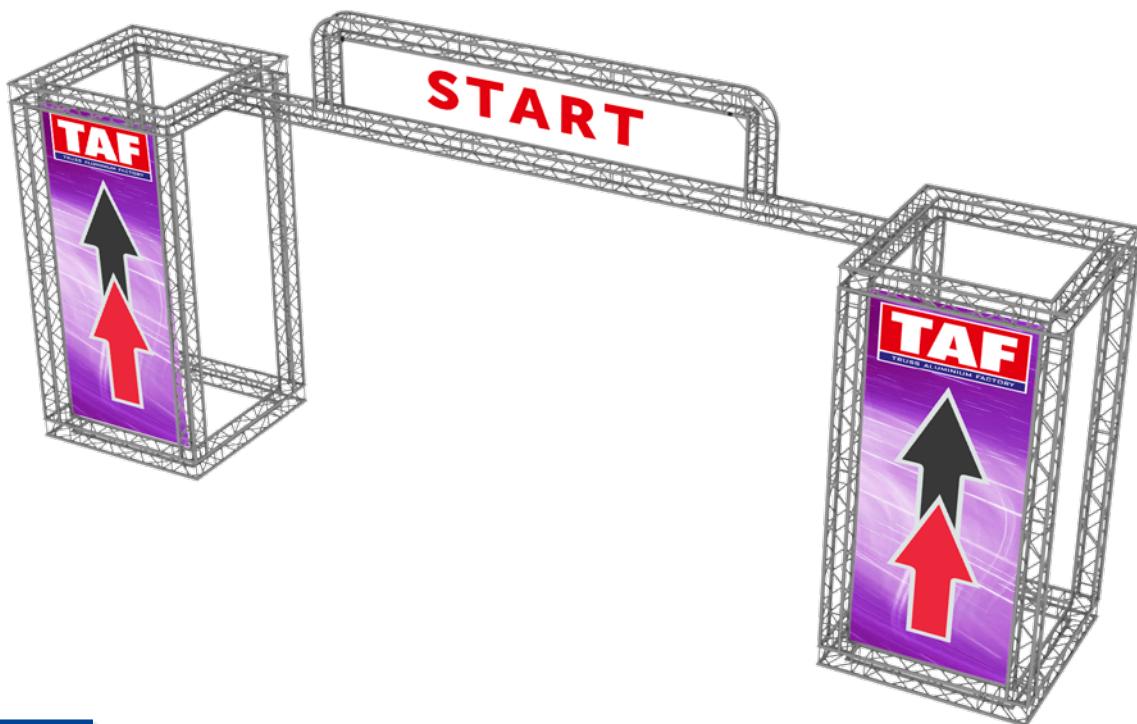
Gate 2

Traditional version of a truss gate for any kind of races made out of FT34 truss system. Dimensions 6x3.5x4m (19.62x11.48x13.12ft) with clearance 2.6m



Gate 3

Truss gate made of standard trusses FT34. Dimensions 5.4x1.5x3.9m (17.71x4.92x12.80ft) with clearance 3.6m (11.81ft)



Gate 4

Finish gate with promotional banners made out of standard FT34 trusses. Dimensions 13.6x2.5x6.2m (44.62x8.20x20.34ft) with clearance 4.7m (15.42ft)

SPECS SUMMARY

Quicklock Line

FT14 box

SPECIFICATIONS

TUBES	20x2 (0.8 x 0.08inch)
BRACES	6mm (0.24inch)
ALLOY	EN-AW 6082 T6

LOADING TABLES

	2m	4m	6m	8m	10m
Distrib. Load [kg/m]	220	61	29	14	9
Deflection [mm]	12.1	41.5	91.7	155.7	261.1
Point load [kg]	147	93	69	52	44
Deflection [mm]	6.4	25.4	60.5	118.5	196.5
	6.56ft	13.12ft	19.68ft	26.24ft	32.81ft
Distrib. Load [lb/ft]	147.9	41	19.5	9.4	6
Deflection [inch]	0.5	1.6	3.6	6.1	10.3
Point load [lb]	324.1	205.1	152.1	114.7	97
Deflection [inch]	0.3	1	2.4	4.7	7.7

Quicklock Line

FT21 single

SPECIFICATIONS

TUBES	35x2 (1.4 x 0.08inch)
ALLOY	EN-AW 6060 T66

LOADING TABLES

	1m	2m	3m	4m
Distrib. Load [kg/m]	113	28	13	7v
Deflection [mm]	7.4	29.7	66.7	118.6
Point load [kg]	56	28	19	14
Deflection [mm]	5.9	23.7	53.4	94.9
	3.28ft	6.56ft	9.84ft	13.12ft
Distrib. Load [lb/ft]	75.9	18.8	8.7	4.7
Deflection [inch]	0.3	1.2	2.6	4.7
Point load [lb]	123.5	61.7	41.9	30.9
Deflection [inch]	0.2	0.9	2.1	3.7

Quicklock Line

FT22 double

SPECIFICATIONS

TUBES	35x2 (1.4 x 0.08inch)
BRACES	8mm (0.3inch)
ALLOY	EN-AW 6060 T66

LOADING TABLES

	2m	3m	4m	6m	8m	10m
Distrib. Load [kg/m]	101	67	48	21	11	7
Deflection [mm]	0.9	2.9	6.6	15.5	27.7	43.6
Point load [kg]	196	129	96	63	44	33
Deflection [mm]	1.3	3	5.4	12.6	22.9	36.7
	6.56ft	9.84ft	13.12ft	19.68ft	26.24ft	32.81ft
Distrib. Load [lb/ft]	67.9	45	32.3	14.1	7.4	4.7
Deflection [inch]	0.04	0.1	0.3	0.6	1.1	1.7
Point load [lb]	432.2	284.4	211.7	138.9	97	72.8
Deflection [inch]	0.1	0.1	0.2	0.5	0.9	1.4

Quicklock Line

FT23 triangle

SPECIFICATIONS

TUBES	35x2 (1.4 x 0.08inch)
BRACES	8mm (0.3inch)
ALLOY	EN-AW 6060 T66

LOADING TABLES

	2m	3m	4m	6m	8m	10m
Distrib. Load [kg/m]	175	114	64	27	14	8
Deflection [mm]	1.5	4.9	8.9	20.1	36	56.8
Point load [kg]	262	171	127	81	56	41
Deflection [mm]	1.8	4	7.2	16.5	30	48.3
	6.56ft	9.84ft	13.12ft	19.68ft	26.24ft	32.81ft
Distrib. Load [lb/ft]	117.6	76.6	43	18.1	9.4	5.4
Deflection [inch]	0.1	0.2	0.4	0.8	1.4	2.2
Point load [lb]	577.7	377.1	280	178.6	123.5	90.4
Deflection [inch]	0.1	0.2	0.3	0.6	1.2	1.9

Quicklock Line

FT24 box

SPECIFICATIONS

TUBES	35x2 (1.4 x 0.08inch)
BRACES	8mm (0.3inch)
ALLOY	EN-AW 6060 T66

LOADING TABLES

	2m	3m	4m	6m	8m	10m
Distrib. Load [kg/m]	202	134	100	65	35	21
Deflection [mm]	0.9	2.9	6.9	23.1	41.3	64.8
Point load [kg]	405	354	286	195	141	107
Deflection [mm]	1.4	4.1	7.9	18.7	33.7	53.6
	6.56ft	9.84ft	13.12ft	19.68ft	26.24ft	32.81ft
Distrib. Load [lb/ft]	135.8	90.1	67.2	43.7	23.5	14.1
Deflection [inch]	0	0.1	0.3	0.9	1.6	2.6
Point load [lb]	893	780.6	630.6	430	310.9	235.9
Deflection [inch]	0.1	0.2	0.3	0.7	1.3	2.1

Quicklock Line **FT31** single

SPECIFICATIONS

TUBES	50x2mm (2 x 0.08inch)
ALLOY	EN-AW 6082 T6

LOADING TABLES

	1m	2m	3m	4m
Distrib. Load [kg/m]	438	109	49	27
Deflection [mm]	9.4	37.4	84.2	149.7
Point load [kg]	219	109	73	55
Deflection [mm]	7.5	29.9	67.4	119.8
	3.28ft	6.56ft	9.84ft	13.12ft
Distrib. Load [lb/ft]	294.4	73.3	32.9	18.1
Deflection [inch]	0.4	1.5	3.3	5.9
Point load [lb]	482.9	240.3	161	121.3
Deflection [inch]	0.3	1.2	2.7	4.7

Quicklock Line **FT32 / HT32** double

SPECIFICATIONS FT32

TUBES	50x2mm (2 x 0.08inch)
BRACES	20x2mm (0.8 x 0.08inch)
ALLOY	EN-AW 6082 T6

SPECIFICATIONS HT32

TUBES	50x3mm (2 x 0.12inch)
BRACES	20x2mm (0.8 x 0.08inch)
ALLOY	EN-AW 6082 T6

LOADING TABLES FT32 / HT32

	2m		4m		6m		8m		10m		12m	
Distrib. Load [kg/m]	673	710	166	254	76	115	43	64	27	40	18	27
Deflection [mm]	2.3	1.7	9.3	9.6	21.9	22.3	39.8	40.4	63.7	64.2	94	94.1
Point load [kg]	673	1027	333	508	228	344	170	256	135	202	110	165
Deflection [mm]	1.9	1.9	7.4	7.7	17.6	18	32.3	32.8	52.5	52.5	77.7	77.5
	6.56ft		13.12ft		19.68ft		26.24ft		32.81ft		39.37ft	
Distrib. Load [lb/ft]	452.3	477.2	111.6	170.7	51.1	77.3	28.9	43	18.1	26.9	12.1	18.1
Deflection [inch]	0.1	0.1	0.4	0.4	0.9	0.9	1.6	1.6	2.5	2.5	3.7	3.7
Point load [lb]	1484	2264.5	734.3	1120.1	502.7	758.5	374.9	564.5	297.7	445.4	242.6	363.8
Deflection [inch]	0.1	0.1	0.3	0.3	0.7	0.7	1.3	1.3	2.1	2.1	3.1	3.1

Quicklock Line **FT33 / HT33** triangle

SPECIFICATIONS FT33

TUBES	50x2mm (2 x 0.08inch)
BRACES	20x2mm (0.8 x 0.08inch)
ALLOY	EN-AW 6082 T6

SPECIFICATIONS HT33

TUBES	50x3mm (2 x 0.12inch)
BRACES	20x2mm (0.8 x 0.08inch)
ALLOY	EN-AW 6082 T6

LOADING TABLES FT33 / HT33

	2m		4m		6m		8m		10m		12m	
Distrib. Load [kg/m]	761	1231	206	338	92	150	51	81	31	50	20	32
Deflection [mm]	2.6	2.9	11.5	12.8	26.8	29.4	48.8	51.7	75.2	80.6	105.6	112.7
Point load [kg]	761	1321	412	675	277	450	206	324	154	249	117	190
Deflection [mm]	2.1	2.5	9.3	10.3	21.7	23.7	39.8	42.1	62	66.1	88.3	93.5
	6.56ft		13.12ft		19.68ft		26.24ft		32.81ft		39.37ft	
Distrib. Load [lb/ft]	511.4	827.3	138.4	227.2	61.8	100.8	34.3	54.4	20.8	33.6	13.4	21.5
Deflection [inch]	0.1	0.1	0.5	0.5	1.1	1.2	1.9	2	3	3.2	4.2	4.4
Point load [lb]	1678	2912.8	908.5	1488.4	610.8	992.3	454.2	714.4	339.6	549	258	419
Deflection [inch]	0.1	0.1	0.4	0.4	0.9	0.9	1.6	1.7	2.4	2.6	3.5	3.7

Quicklock Line **FT34 / HT34** box

SPECIFICATIONS FT34

TUBES	50x2mm (2 x 0.08inch)
BRACES	20x2mm (0.8 x 0.08inch)
ALLOY	EN-AW 6082 T6

SPECIFICATIONS HT34

TUBES	50x3mm (2 x 0.12inch)
BRACES	20x2mm (0.8 x 0.08inch)
ALLOY	EN-AW 6082 T6

LOADING TABLES FT34 / HT34

	2m		4m		6m		8m		10m		12m	
Distrib. Load [kg/m]	1422	1420	493	707	223	344	127	193	79	121	51	82
Deflection [mm]	2.4	1.7	13.7	13.3	31.8	33.2	58	59.8	90.5	93.9	126.4	134.8
Point load [kg]	1919	2840	987	1544	670	1033	507	771	394	607	308	491
Deflection [mm]	2.6	2.7	11	11.7	25.6	26.7	46.9	48.3	73.6	76.2	103.6	110.1
	6.56ft		13.12ft		19.68ft		26.24ft		32.81ft		39.37ft	
Distrib. Load [lb/ft]	955.7	954.3	331.3	475.1	149.9	231.2	85.4	129.7	53.1	81.3	34.3	55.1
Deflection [inch]	0.1	0.1	0.5	0.5	1.3	1.3	2.3	2.4	3.6	3.7	5	5.3
Point load [lb]	4231.4	6262.2	2176.3	3404.5	1477.4	2277.8	1117.9	1700.1	868.8	1338.4	679.1	1082.7
Deflection [inch]	0.1	0.1	0.4	0.5	1	1.1	1.8	1.9	2.9	3	4.1	4.3

SPECS SUMMARY

Quicklock Line **PT33** triangle

SPECIFICATIONS	
TUBES	50x2mm (2 x 0.08inch)
BRACES	16x2 mm (0.63 x 0.08inch)
ALLOY	EN-AW 6082 T6

LOADING TABLES						
	2 m	4 m	6 m	8 m	10 m	12 m
Distrib. Load [kg/m]	680	206	97	54	33	20
Deflection [mm]	2.3	11.5	28.1	51	78.3	107.2
Point load [kg]	761	413	292	217	163	133
Deflection [mm]	2.1	9.3	22.7	41.5	64.3	96
	6.56 ft	13.12 ft	19.68 ft	26.24 ft	32.81 ft	39.37 ft
Distrib. Load [lb/ft]	457	138.4	65.2	36.3	22.2	13.4
Deflection [inch]	0.1	0.5	1.1	2	3.1	4.2
Point load [lb]	1678	910.7	643.9	478.5	359.4	293.3
Deflection [inch]	0.1	0.4	0.9	1.6	2.5	3.8

Quicklock Line **PT34** box

SPECIFICATIONS	
TUBES	50x2mm (2 x 0.08inch)
BRACES	16x2mm (0.63 x 0.08inch)
ALLOY	EN-AW 6082 T6

LOADING TABLES						
	2 m	4 m	6 m	8 m	10 m	12 m
Distrib. Load [kg/m]	785	390	229	130	81	53
Deflection [mm]	1.4	10.8	32.5	59.3	92.5	130.3
Point load [kg]	1570	961	688	520	406	321
Deflection [mm]	2.2	10.7	26.2	47.9	75.1	106.6
	6.56 ft	13.12 ft	19.68 ft	26.24 ft	32.81 ft	39.37 ft
Distrib. Load [lb/ft]	527.6	262.1	153.9	87.4	54.4	35.6
Deflection [inch]	0.1	0.4	1.3	2.3	3.6	5.1
Point load [lb]	3461.9	2119	1517	1146.6	895.2	707.8
Deflection [inch]	0.1	0.4	1	1.9	3	4.2

Quicklock Line **LT32** double

SPECIFICATIONS	
TUBES	50x2mm (2 x 0.08inch)
BRACES	20x2mm (0.8 x 0.08inch)
ALLOY	EN-AW 6082 T6

LOADING TABLES						
	1m	2m	3m	4m	5m	6m
Distrib. Load [kg/m]	467	257	177	137	127	103
Deflection [mm]	0.8	1.7	4.3	11.2	24.3	31.1
Point load [kg]	467	467	467	433	347	300
Deflection [mm]	0.8	2.3	5.7	11.1	20.3	22.4
	6.56ft	13.12ft	19.68	26.24ft	32.81ft	37.37ft
Distrib. Load [lb/ft]	314	173	119	92	85	69
Deflection [inch]	0.03	0.07	0.17	0.45	0.96	1.23
Point load [lb]	1029.6	1029.6	1029.6	954.6	765	661
Deflection [inch]	0.03	0.09	0.22	0.44	0.8	0.88

Quicklock Line **LT34** box

SPECIFICATIONS	
TUBES	50x2mm (2 x 0.08inch)
BRACES	20x2mm (0.8 x 0.08inch)
ALLOY	EN-AW 6082 T6

LOADING TABLES								
	2m	4m	6m	8m	10m	12m	14m	16m
Distrib. Load [kg/m]	513	275	206	125	75	53	39	27
Deflection [mm]	1.7	9.3	33.1	63.6	99.8	132.6	180.0	221.1
Point load [kg]	933	867	600	427	360	293	253	227
Deflection [mm]	2.3	11.1	22.5	42.3	75.6	97.3	134.5	182.3
	6.56ft	13.12ft	19.68ft	26.24ft	32.81ft	39.37ft	45.9ft	52.49ft
Distrib. Load [lb/ft]	345	185	138	84	50	36	26	18
Deflection [inch]	0.06	0.37	1.3	2.5	3.93	5.22	7.09	8.7
Point load [lb]	2057	1911	1323	941	794	646	558	500
Deflection [inch]	0.09	0.44	0.89	1.67	2.98	3.83	5.3	7.18

Quicklock Line lighting track **ET31** single

SPECIFICATIONS	
TUBES	Ø 50mm (Ø 2inch)
ALLOY	EN-AW 6082 T6

Quicklock Line lighting track **ET32** double

SPECIFICATIONS	
TUBES	Ø 50mm (Ø 2inch)
BRACES	20x2mm (0.8 x 0.08inch)
ALLOY	EN-AW 6082 T6

Quicklock Line lighting track **ET33** triangle

SPECIFICATIONS	
TUBES	Ø 50mm (Ø 2inch)
BRACES	20x2mm (0.8 x 0.08inch)
ALLOY	EN-AW 6082 T6

Quicklock Line **FT42 / HT42** double

SPECIFICATIONS FT42

TUBES	50x2mm (2 x 0.08inch)
BRACES	25x3mm (1 x 0.12inch)
ALLOY	EN-AW 6082 T6

SPECIFICATIONS HT42

TUBES	50x3mm (2 x 0.12inch)
BRACES	25x3mm (1 x 0.12inch)
ALLOY	EN-AW 6082 T6

LOADING TABLES FT42 / HT42

	2m		4m		6m		8m		10m		12m		14m		16m	
Distrib. Load [kg/m]	756	1042	243	332	109	153	61	87	39	57	27	40	19	29	14	21
Deflection [mm]	1.2	1.1	6.4	5.9	14.7	14	26.7	25.7	42.7	42.1	63	63.5	87.8	87.9	115.3	115.2
Point load [kg]	756	1042	486	664	327	459	245	349	195	286	161	243	135	204	113	172
Deflection [mm]	1	0.9	5.1	4.7	11.8	11.3	21.6	20.8	34.8	34.3	51.8	52	72.9	72.5	96.7	95.9
	6.56ft		13.12ft		19.68ft		26.24ft		32.81ft		39.37ft		45.93ft		52.49ft	
Distrib. Load [lb/ft]	508.1	700.3	163.3	223.1	73.3	102.8	41	58.5	26.2	38.3	18.1	26.9	12.8	19.5	9.4	14.1
Deflection [inch]	0.05	0.04	0.3	0.2	0.6	0.6	1.1	1	1.7	1.7	2.5	2.5	3.5	3.5	4.5	4.5
Point load [lb]	1667	2297.6	1071.6	1464.1	721	1012.1	540.2	769.5	430	630.6	355	535.8	297.7	449.8	249.2	379.3
Deflection [inch]	0.04	0.04	0.2	0.2	0.5	0.4	0.9	0.8	1.4	1.4	2	2	2.9	2.9	3.8	3.8

Quicklock Line **FT43 / HT43** triangle

SPECIFICATIONS FT43

TUBES	50x2mm (2 x 0.08inch)
BRACES	25x3mm (1 x 0.12inch)
ALLOY	EN-AW 6082 T6

SPECIFICATIONS HT43

TUBES	50x3mm (2 x 0.12inch)
BRACES	25x3mm (1 x 0.12inch)
ALLOY	EN-AW 6082 T6

LOADING TABLES FT43 / HT43

	2m		4m		6m		8m		10m		12m		14m		16m	
Distrib. Load [kg/m]	779	1412	272	457	124	212	70	119	45	75	31	51	21	34	15	25
Deflection [mm]	1.3	1.6	7.2	8.1	16.9	19.4	31.3	35.3	50.9	56.2	75.6	81.9	100.8	108.8	133.3	140.9
Point load [kg]	779	1412	544	913	371	636	282	475	225	375	184	304	144	241	121	207
Deflection [mm]	1	1.2	5.8	6.5	13.6	15.7	25.5	28.6	41.8	45.9	62.8	67.5	84.9	90.7	116.1	123.7
	6.56ft		13.12ft		19.68ft		26.24ft		32.81ft		39.37ft		45.93ft		52.49ft	
Distrib. Load [lb/ft]	523.5	948.9	182.8	307.1	83.3	142.5	47	80	30.2	50.4	20.8	34.3	14.1	22.8	10.1	16.8
Deflection [inch]	0.1	0.1	0.3	0.3	0.7	0.8	1.2	1.4	2	2.2	3	3.2	4	4.3	5.2	5.5
Point load [lb]	1717.7	3113.5	1199.5	2013.2	818.1	1402.4	621.8	1047.4	496.1	826.9	405.7	670.3	317.5	531.4	266.8	456.4
Deflection [inch]	0.04	0.05	0.2	0.3	0.5	0.6	1	1.1	1.6	1.8	2.5	2.7	3.3	3.6	4.6	4.9

Quicklock Line **FT44 / HT44** box

SPECIFICATIONS FT44

TUBES	50x2mm (2 x 0.08inch)
BRACES	25x3mm (1 x 0.12inch)
ALLOY	EN-AW 6082 T6

SPECIFICATIONS HT44

TUBES	50x3mm (2 x 0.12inch)
BRACES	25x3mm (1 x 0.12inch)
ALLOY	EN-AW 6082 T6

LOADING TABLES FT44 / HT44

	2m		4m		6m		8m		10m		12m		14m		16m	
Distrib. Load [kg/m]	1805	2327	595	901	274	417	163	243	106	162	73	112	52	82	38	61
Deflection [mm]	1.5	1.3	7.8	8	18.4	18.9	35.2	35.4	57.3	58.8	83.5	86.5	114.9	119.8	151.1	158.7
Point load [kg]	1805	3267	1190	1803	823	1252	653	971	532	811	436	675	364	573	304	477
Deflection [mm]	1.2	1.4	6.2	6.4	14.8	15.2	28.5	28.5	46.6	47.6	68.4	70.5	94.7	98.3	124.5	127.8
	6.56ft		13.12ft		19.68ft		26.24ft		32.81ft		39.37ft		45.93ft		52.49ft	
Distrib. Load [lb/ft]	1213.1	1563.9	399.9	605.5	184.1	280.2	109.5	163.3	71.2	108.9	49.1	75.3	34.9	55.1	25.5	41
Deflection [inch]	0.1	0.1	0.3	0.3	0.7	0.7	1.4	1.4	2.3	2.3	3.3	3.4	4.5	4.7	5.9	6.2
Point load [lb]	3980	7203.7	2624	3975.6	1814.7	2760.7	1439.9	2141.1	1173.1	1788.3	961.4	1488.4	802.6	1263.5	670.3	1051.8
Deflection [inch]	0.05	0.1	0.2	0.3	0.6	0.6	1.1	1.1	1.8	1.9	2.7	2.8	3.7	3.9	4.9	5

Loading tables are valid for static loads and spans with two supporting points. Spans must be supported at each end. Contact structural engineer if there are more supporting points applied or dynamic wind loads involved.

SPECS SUMMARY

Quicklock Line **FTR4030** rectangle

SPECIFICATIONS	
TUBES	50x3mm (2 x 0.12inch)
BRACES	25x3mm (1 x 0.12inch)
ALLOY	EN-AW 6082 T6

	LOADING TABLES						
	6m	8m	10m	12m	14m	16m	18m
Distrib. Load [kg/m]	464	261	167	115	85	63	47
Deflection [mm]	20.9	37.5	59.2	85.8	119.3	154.1	190
Point load [kg]	1392	1045	833	688	592	501	421
Deflection [mm]	16.8	30.2	47.7	69.5	97	126	156.3
	19.68ft	26.24ft	32.81ft	39.37ft	45.93ft	52.49ft	59.05ft
Distrib. Load [lb/ft]	311.8	175.4	112.2	77.3	57.1	42.3	31.6
Deflection [inch]	0.8	1.5	2.3	3.4	4.7	6.1	7.5
Point load [lb]	3069.4	2304.2	1836.8	1517	1305.4	1104.7	928.3
Deflection [inch]	0.7	1.2	1.9	2.7	3.8	5	6.2

Quicklock Line **TT54** box

SPECIFICATIONS	
TUBES	50x4mm (2 x 0.16inch)
BRACES	30x3mm (1.2 x 0.12inch)
ALLOY	EN-AW 6082 T6

	LOADING TABLES							
	6m	8m	10m	12m	14m	16m	18m	20m
Distrib. Load [kg/m]	729	409	259	177	128	93	69	52
Deflection [mm]	16.9	30.3	47.9	69.8	95.9	123.3	153.5	186.6
Point load [kg]	2188	1635	1296	1065	895	741	618	517
Deflection [mm]	14.1	25.3	40	58.1	79.9	102.7	128	155.5
	19.7ft	26.2ft	32.8ft	39.37ft	45.9ft	52.5ft	59.1ft	65.6ft
Distrib. Load [lb/ft]	489.9	274.9	174.1	118.95	86	62.5	46.4	34.9
Deflection [inch]	0.7	1.2	1.9	2.7	3.8	4.9	6	7.3
Point load [lb]	4824.5	3605.2	2857.7	2348.3	1973.5	1633.9	1362.7	1140
Deflection [inch]	0.6	1	1.6	2.3	3.1	4	5	6.1

Quicklock Line **TT74** rectangle

SPECIFICATIONS	
TUBES	50x4mm (2 x 0.16inch)
BRACES	30x3mm (1.2 x 0.12inch)
ALLOY	EN-AW 6082 T6

	LOADING TABLES							
	6m	8m	10m	12m	14m	16m	18m	20m
Distrib. Load [kg/m]	713	530	394	270	195	146	112	88
Deflection [mm]	7.3	17.3	31.7	46.1	63.4	83.6	106.6	132.6
Point load [kg]	3116	2478	1968	1620	1365	1168	1009	877
Deflection [mm]	8.8	16.7	26.4	38.5	52.8	69.6	88.8	110.5
	19.7ft	26.2ft	32.8ft	39.37ft	45.9ft	52.5ft	59.1ft	65.6ft
Distrib. Load [lb/ft]	479.2	356.2	264.8	181.5	131	98.1	75.3	59.1
Deflection [inch]	0.3	0.7	1.2	1.8	2.5	3.3	4.2	5.2
Point load [lb]	6870.8	5464	4339.4	3572.1	3009.8	2575.4	2224.8	1933.8
Deflection [inch]	0.3	0.7	1	1.5	2.1	2.7	3.5	4.4

Quicklock Line **TT104** rectangle

SPECIFICATIONS	
TUBES	60x6mm (2.4 x 0.02inch)
BRACES	30x3mm (1.18 x 0.12inch)
ALLOY	EN-AW 6082 T6

	LOADING TABLES													
	8m	10m	12m	14m	16m	18m	20m	22m	24m	26m	28m	30m	32m	34m
Distrib. Load [kg/m]	1441.6	1148.7	835.7	607.9	460	358.7	286.2	232.5	191.7	160	134.8	114.4	97.8	84
Deflection [mm]	11.9	23.3	35.4	48.3	63.1	80	98.9	119.9	142.9	168.1	195.3	224.8	256.4	290.2
Point load [kg]	5880*	5157*	4513*	4000*	3570*	3196*	2861.7	2557.8	2300.7	2079.6	1886.8	1716.7	1564.9	1428.4
Deflection [mm]	9.8	16.9	25.8	36.8	49.7	64.4	80.7	98.3	117.7	139.1	162.5	188	215.7	245.7
	26.2ft	32.8ft	39.37ft	45.9ft	52.5ft	59.1ft	65.6ft	72.2ft	78.7ft	85.3ft	91.9ft	98.4ft	105ft	111.6ft
Distrib. Load [lb/ft]	968.8	772.0	561.6	408.5	309.1	241.1	192.3	156.3	128.8	107.5	90.6	76.9	65.7	56.5
Deflection [inch]	0.5	0.9	1.4	1.9	2.5	3.1	3.9	4.7	5.6	6.6	7.7	8.9	10.1	11.4
Point load [lb]	12965.4	11371.2	9951.2	8820.0	7871.9	7047.2	6310.0	5639.9	5073.0	4585.5	4160.4	3785.3	3450.6	3149.6
Deflection [inch]	0.4	0.7	1.0	1.4	2.0	2.5	3.2	3.9	4.6	5.5	6.4	7.4	8.5	9.7

Bolted Truss **FTB-L**

SPECIFICATIONS	
TUBES	50x3mm (2 x 0.12inch)
BRACES	25x3mm (1 x 0.12inch)
ALLOY	EN-AW 6082 T6

	LOADING TABLES							
	1.52m	3.05m	4.57m	6.1m	7.6m	9.14m	12.2m	
Distrib. Load [kg/m]	1512	605	342	187	116	77	38	
Deflection [mm]	0.6	3.6	10.6	18.9	29.6	42.8	77	
Point load [kg]	1149	922	782	571	442	353	234	
Deflection [mm]	0.5	3.3	9.7	17.3	27.2	39.3	71.1	
	5ft	10ft	15ft	20ft	25ft	30ft	40ft	
Distrib. Load [lb/ft]	1016	407	230	126	78	52	26	
Deflection [inch]	0.02	0.1	0.4	0.7	1.2	1.7	3	
Point load [lb]	2534	2033	1724	1259	975	778	516	
Deflection [inch]	0.02	0.1	0.4	0.7	1.1	1.5	2.8	

Loading tables are valid for static loads and spans with two supporting points. Spans must be supported at each end. Contact structural engineer if there are more supporting points applied or dynamic and wind loads involved.

Bolted Truss **FTB-M**

SPECIFICATIONS

TUBES	50x3mm (2 x 0.12inch)
BRACES	25x3mm (1 x 0.12inch)
ALLOY	EN-AW 6082 T6

LOADING TABLES

	1.52m	3.05m	4.57m	6.1m	7.6m	9.14m	12.2m
Distrib. Load [kg/m]	2324	1150	694	382	239	162	84
Deflection [mm]	0.2	2	6.2	11.1	17.3	24.9	44.8
Point load [kg]	2879	2251	1585	1166	912	739	512
Deflection [mm]	0.4	2.4	5.7	10.1	15.9	22.9	41.2
	5ft	10ft	15ft	20ft	25ft	30ft	40ft
Distrib. Load [lb/ft]	1562	773	466	257	161	109	57
Deflection [inch]	0.01	0.1	0.2	0.4	0.7	1	1.8
Point load [lb]	6348	4964	3495	2571	2011	1630	1129
Deflection [inch]	0.02	0.1	0.2	0.4	0.6	0.9	1.6

Bolted Truss **FTB-H**

SPECIFICATIONS

TUBES	50x3mm (2 x 0.12inch)
BRACES	25x3mm (1 x 0.12inch)
ALLOY	EN-AW 6082 T6

LOADING TABLES

	1.52m	3.05m	4.57m	6.1m	7.6m	9.14m	12.2m
Distrib. Load [kg/m]	1982	980	649	482	382	272	145
Deflection [mm]	0.1	0.8	2.5	6	11.8	17.6	31.5
Point load [kg]	3013	2989	2594	1922	1516	1241	887
Deflection [mm]	0.2	1.4	4	7.2	11.2	16.2	29
	5ft	10ft	15ft	20ft	25ft	30ft	40ft
Distrib. Load [lb/ft]	1332	659	436	324	257	183	97
Deflection [inch]	0.01	0.03	0.1	0.2	0.5	0.7	1.2
Point load [lb]	6644	6591	5720	4238	3343	2736	1956
Deflection [inch]	0.01	0.1	0.2	0.3	0.4	0.6	1.1

Fork Truss **GS350**

SPECIFICATIONS

TUBES	48x4.5mm (1.89 x 0.18inch)
BRACES	25x3mm (1 x 0.12inch)
ALLOY	EN-AW 6082 T6

LOADING TABLES

	4m	6m	8m	10m	12m	14m	16m
Distrib. Load [kg/m]	995	436	240	150	100	71	52
Deflection [mm]	9.2	20.7	36.8	57.7	83.3	113.9	149.4
Point load [kg]	1991	1308	961	748	603	495	412
Deflection [mm]	8.4	18.9	33.7	52.9	76.5	104.8	137.8
	13.12ft	19.68ft	26.24ft	32.81ft	39.37ft	45.93ft	52.49ft
Distrib. Load [lb/ft]	669	293	161	101	67	48	35
Deflection [inch]	0.4	0.8	1.4	2.3	3.3	4.5	5.9
Point load [lb]	4390	2884	2119	1649	1330	1092	909
Deflection [inch]	0.3	0.7	1.3	2.1	3	4.1	5.4

Fork Truss **GS620**

SPECIFICATIONS

TUBES	48x4.5mm (1.89 x 0.18inch)
BRACES	30x3mm (1.2 x 0.12inch)
ALLOY	EN-AW 6082 T6

LOADING TABLES

	4m	6m	8m	10m	12m	14m	16m
Distrib. Load [kg/m]	1657	837	464	292	198	142	105
Deflection [mm]	4.2	10.8	19.3	30.2	43.6	59.6	78
Point load [kg]	3802	2510	1856	1458	1188	991	839
Deflection [mm]	4.4	9.9	17.7	27.7	40	54.7	71.8
	13.12ft	19.68ft	26.24ft	32.81ft	39.37ft	45.93ft	52.49ft
Distrib. Load [lb/ft]	1114	563	312	196	133	95	71
Deflection [inch]	0.2	0.4	0.8	1.2	1.7	2.3	3.1
Point load [lb]	8383	5535	4093	3215	2620	2185	1850
Deflection [inch]	0.2	0.4	0.7	1.1	1.6	2.2	2.8

Fork Truss **GS910**

SPECIFICATIONS

TUBES	60x5mm (2.4 x 0.2inch)
BRACES	40x3mm (1.6 x 0.12inch)
ALLOY	EN-AW 6082 T6

LOADING TABLES

	6 m	8 m	10 m	12 m	14 m	16 m	18 m	20 m
Distrib. Load [kg/m]	1241	927	738	544	395	299	232	185
Deflection [mm]	5.1	12	23.5	36.2	49.3	64.5	81.7	101.1
Point load [kg]	6679	4980	3953	3263	2766	2388	2091	1850
Deflection [mm]	8.2	14.7	23	33.1	45.1	59.1	74.9	92.8
	19.68 ft	26.24 ft	32.81 ft	39.37 ft	45.93 ft	52.49 ft	59.1 ft	65.6 ft
Distrib. Load [lb/ft]	834	623	496	366	265	201	156	124
Deflection [inch]	0.2	0.5	0.9	1.4	1.9	2.5	3.2	4
Point load [lb]	14727	10981	8716	7195	6099	5266	4611	4079
Deflection [inch]	0.3	0.6	0.9	1.3	1.8	2.3	2.9	3.7

Loading tables are valid for static loads and spans with two supporting points. Spans must be supported at each end. Contact structural engineer if there are more supporting points applied or dynamic wind loads involved.

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