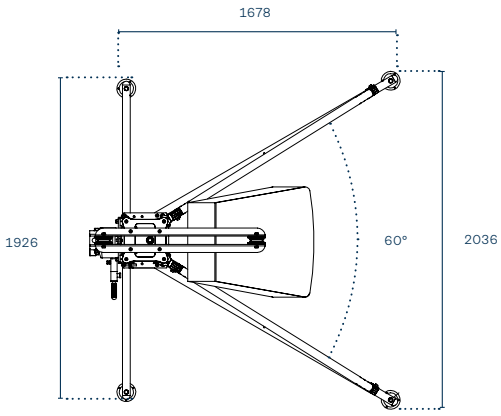
I LITEC

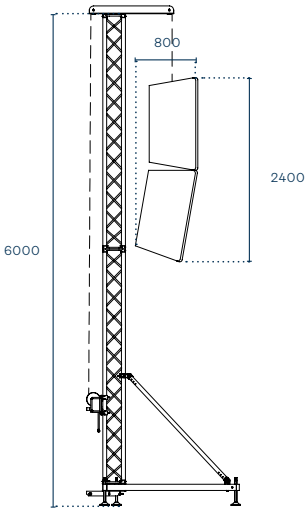
Flyintowers & Follow Spot Tower

Flyintower 6-300

Support tower for audio systems. It is an entry-level lifter for audio support based on QX30SA trusses, suitable for loads of up to 300 kg. One of the main features is its compactness, which is particularly significant when dismantled.
Only 0.4 m3 in volume, small enough to fit entirely into a flight case.
The system is provided with manual hoist.

Maximum tower height	→	6 m
Weight	→	70 kg
Vertical main truss	→	QX30SA 300
Base and top module dimensions	→	40 x 40 x 240 cm
Base and top volume	→	0.4 m^3
Adjustable legs	→	4
Maximum surface exposed to wind	→	2.5 m^2
Maximum lifting load capacity	→	300 kg

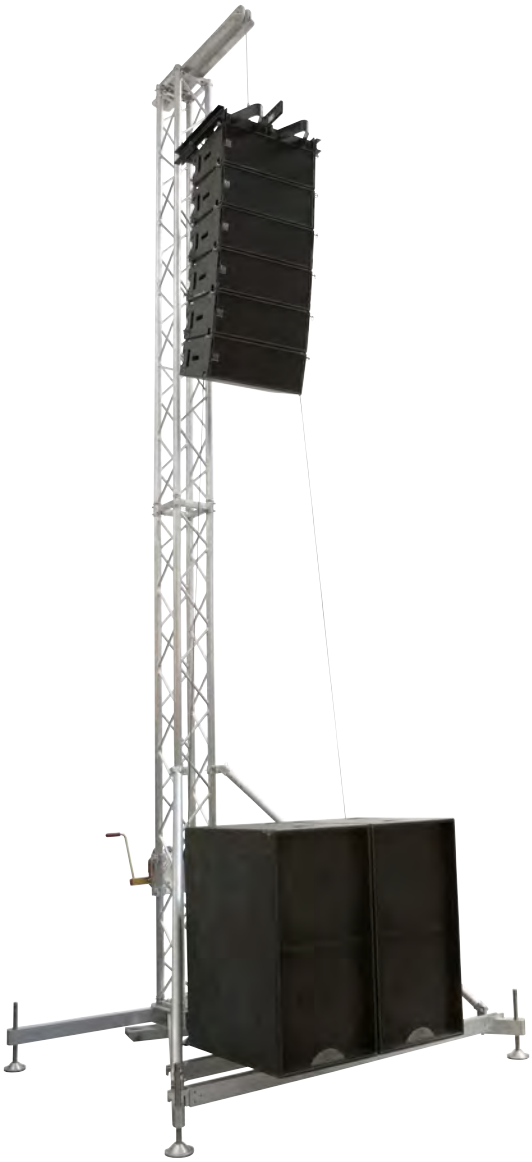




Surface of suspended mass exposed to the wind

m^2	P = 1 kN wind f. 6	P = 1,5 kN wind f. 6	P = 2 kN wind f. 6	P = 2,5 kN wind f. 6	P = 3 kN wind f. 6
0	1.00	1.00	1.00	1.14	1.29
0.25	1.29	1.44	1.60	1.75	1.90
0.5	1.90	2.05	2.20	2.35	2.51
0.75	2.51	2.66	2.81	2.96	3.11
1	3.12	3.27	3.42	3.57	3.72
1.25	3.72	3.87	4.03	4.18	4.33
1.5	4.33	4.48	4.63	4.78	-
1.75	4.94	5.09	5.24	1.00	-
2	5.55	5.70	1.00	1.00	-
2.25	6.15	1.00	1.00	1.00	-
2.5	1.00	1.00	1.00	1.00	-

Flyintower 6-300



High winds:

Instructions for outdoor use
Wind speed up o 13.8 m/s (force 6)

This product may only be within the following limits:

- → Maximum hanging load: 300 kg
- → Surface exposed to wind: < 2.5 m^2
- → A ballast weight > 433 Kg must be applied to the tower

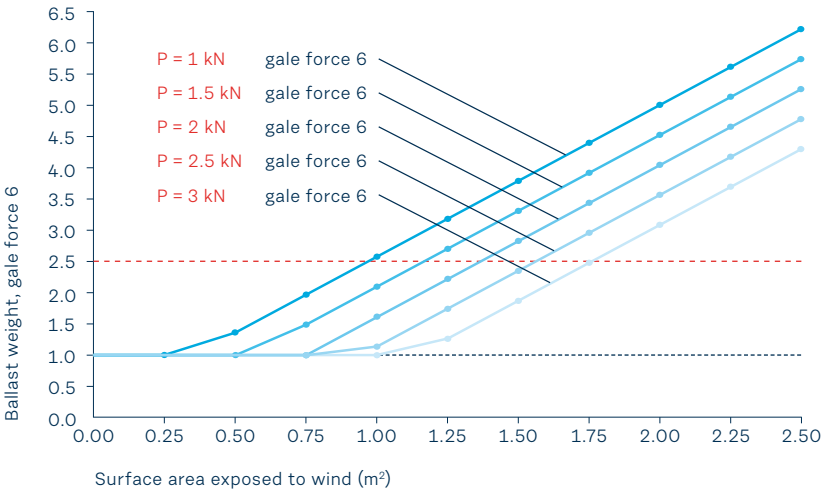
Instructions for outdoor use
Wind speed between 13.8 m/s (force 6) and 20.7 m/s (force 8)

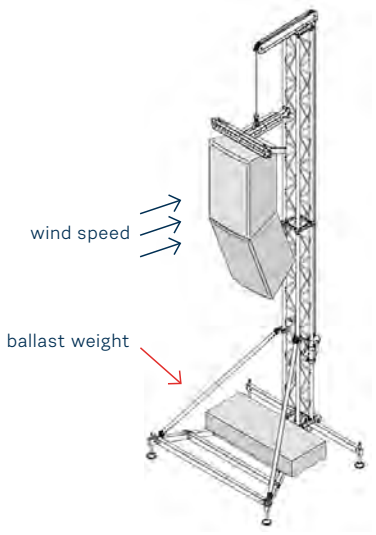
The tower may remain installed only if the following conditions are met:

- → Hanging load must be removed
- → A ballast weight > 250 kg must be applied to the tower

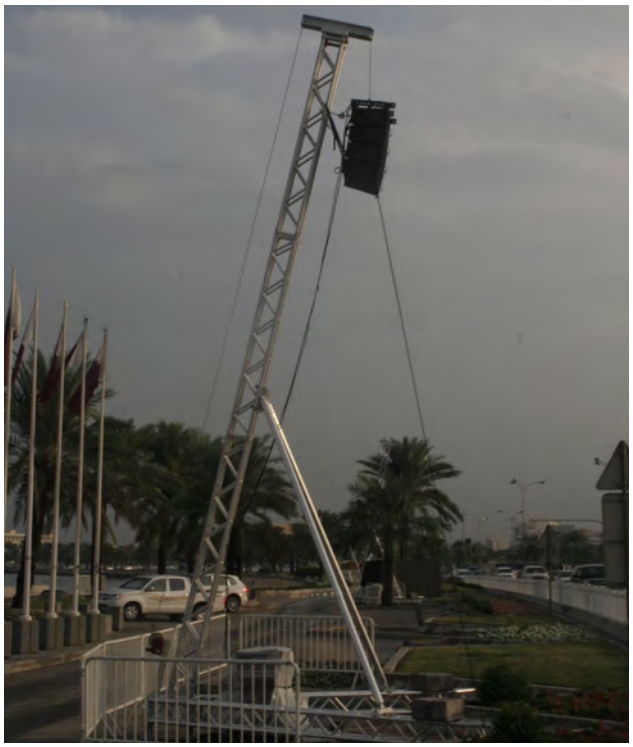
Instructions for indoor use:

- → The tower may be used with hanging loads up to 400 kg and with a ballast weight > 100 kg.





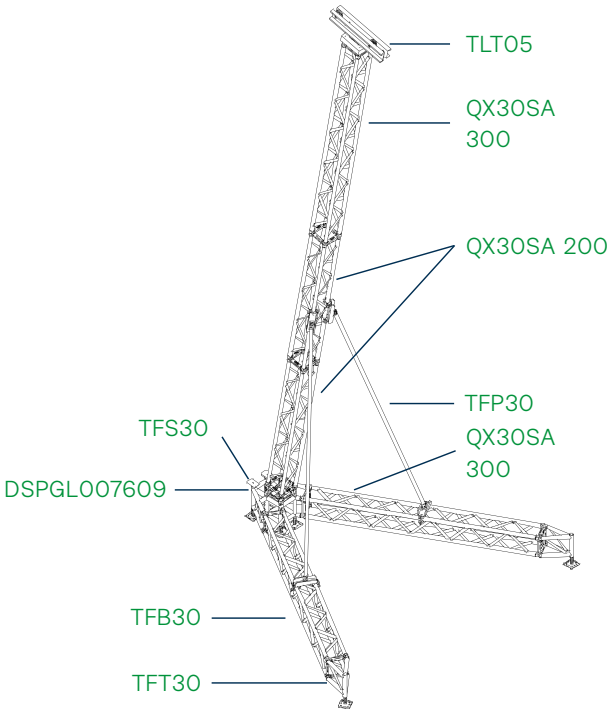
Flyintower 7.5-500 & 9.5-600



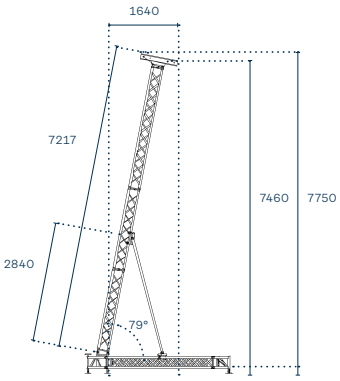
Support Tower for audio systems consisting of a QX30SA structure, suitable for lifting loads of up to 600 kg to a height of 9.5 metres.
To lift the loads, anchoring is provided for an electric chain hoist. Alternatively they may be lifted manually by adding a cable winch device.

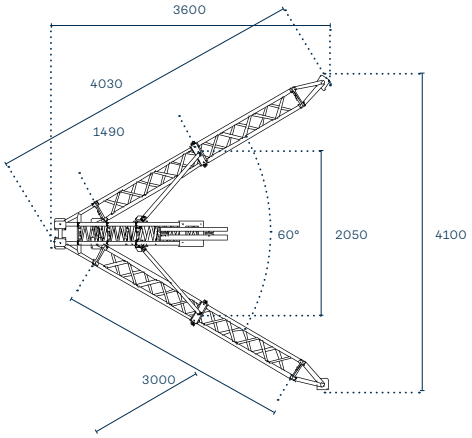
Flyintower		7.5-500		9.5-600
Maximum tower height	→	7.5 m	→	9.5 m
Weight	→	160 kg	→	225 kg
Maximum surface area of loudspeakers	→	2.5 m^2 front 2.0 m^2 back	→	2.5 m^2 front 2.0 m^2 back
Maximum wind speed	→	70 km/h	→	70 km/h
Required ballast weight	→	170 kg	→	130 kg
Maximum lifting load capacity	→	500 kg	→	600 kg

Flyintower		7.5-500		9.5-600
Base	→	TFB / 1	→	TFB / 1
Tower truss	→	QX30SA 300/1 QX30SA 200/2 QH30SA 300/3	→	
Base truss	→	QX30SA 300/2	→	QH30SA 300/2
Diagonals	→	TFP30 / 2	→	TFP40 / 2
Base ends / terminals	→	TFT30 / 2	→	TFT30 / 2
Top	→	TLT05 / 1	→	TLT05 / 1
Connection system	→	QXFC	→	QXFC

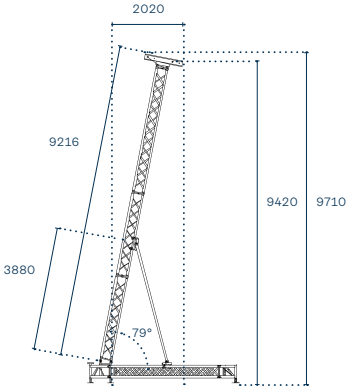


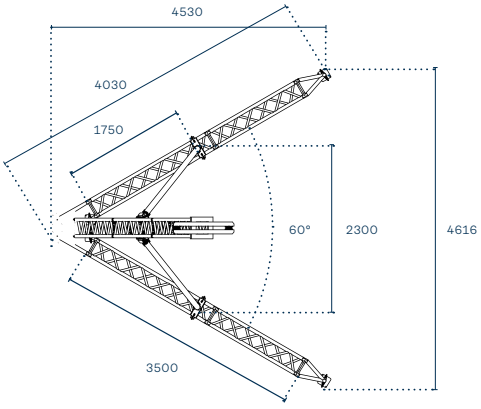
Flyintower 7.5-500





Flyintower 9.5-600

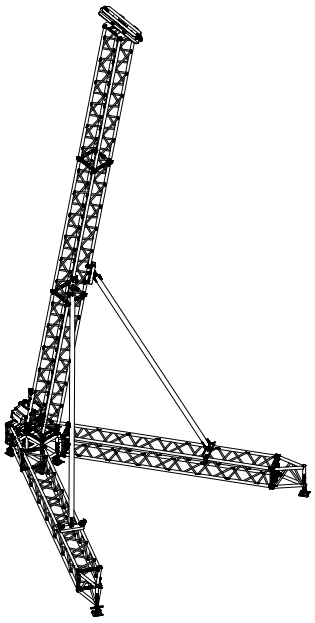


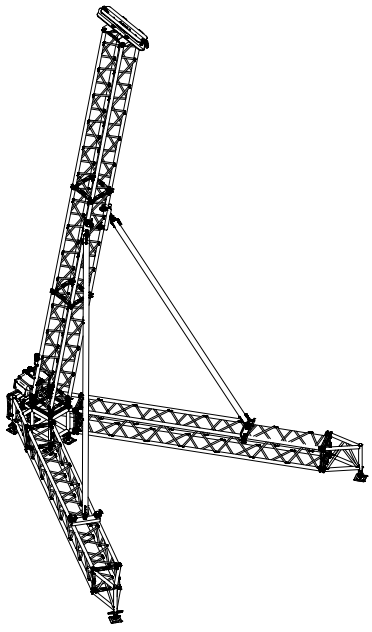


Flyintower 7.5-750 & 9.5-900

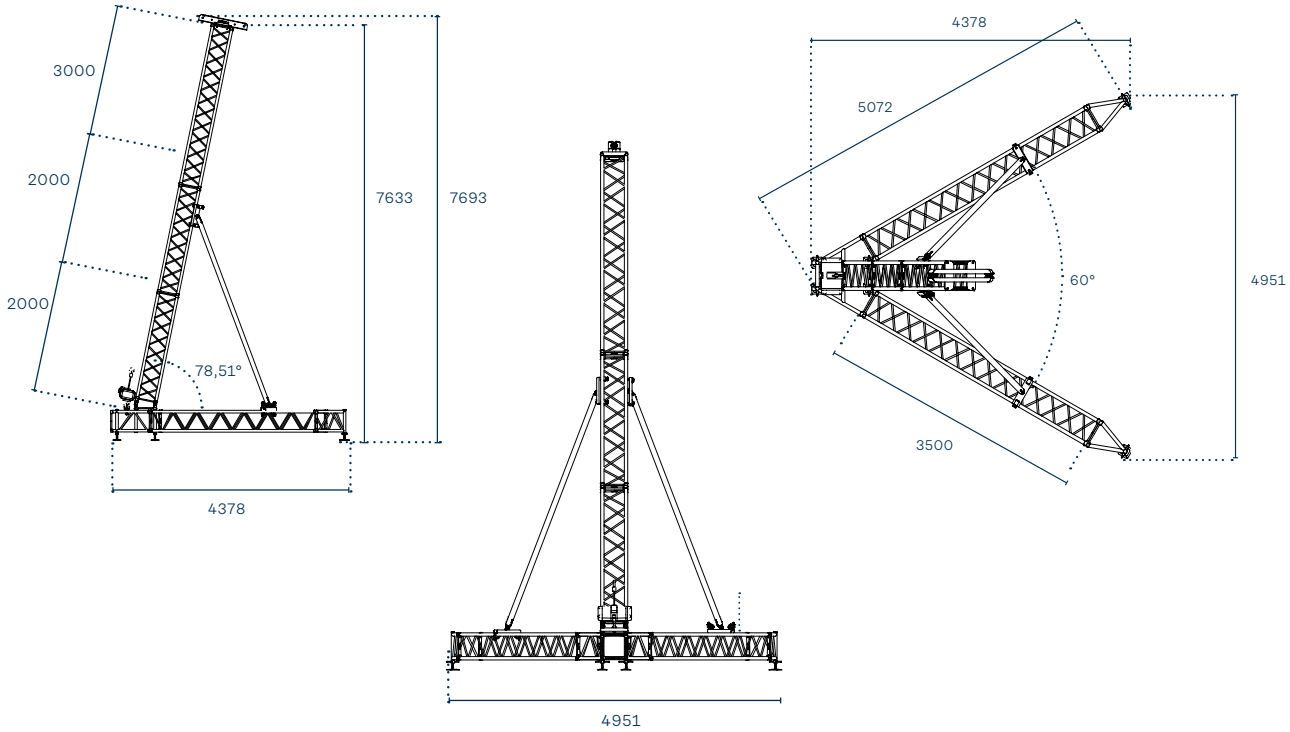
Support Tower for audio systems consisting of a QX40SA structure, suitable for lifting loads of up to 750 kg to a height of 7.5 metres or a QH40SA structure, suitable for lifting loads of up to 900 kg to a height of 9.5 metres. To lift the loads, anchoring is provided for an electric chain hoist.

Flyintower	7.5-750	9.5-900
Maximum tower height	→ 7.5 m	→ 9.5 m
Weight	→ 220 kg	→ 255 kg
Maximum lifting load capacity	→ 750 kg	→ 900 kg

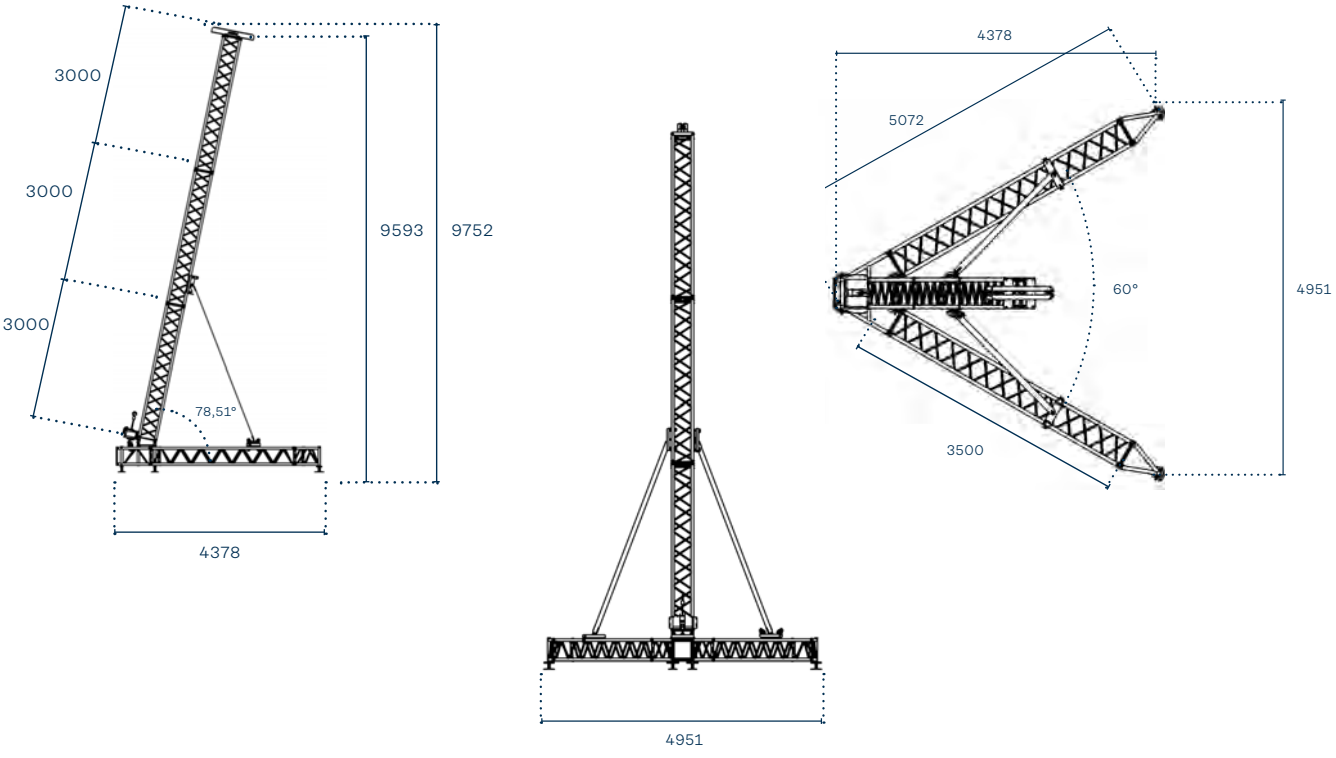




Flyintower 7.5-750



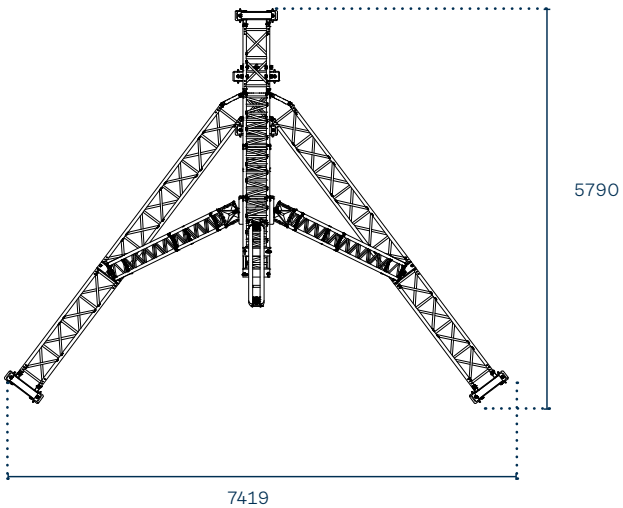
Flyintower 9.5-900

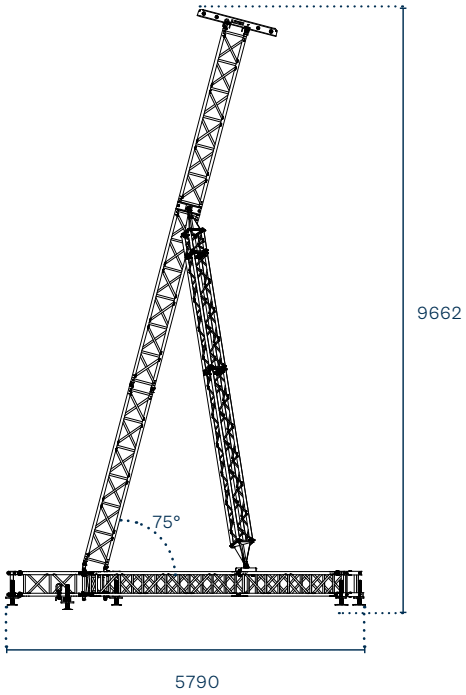


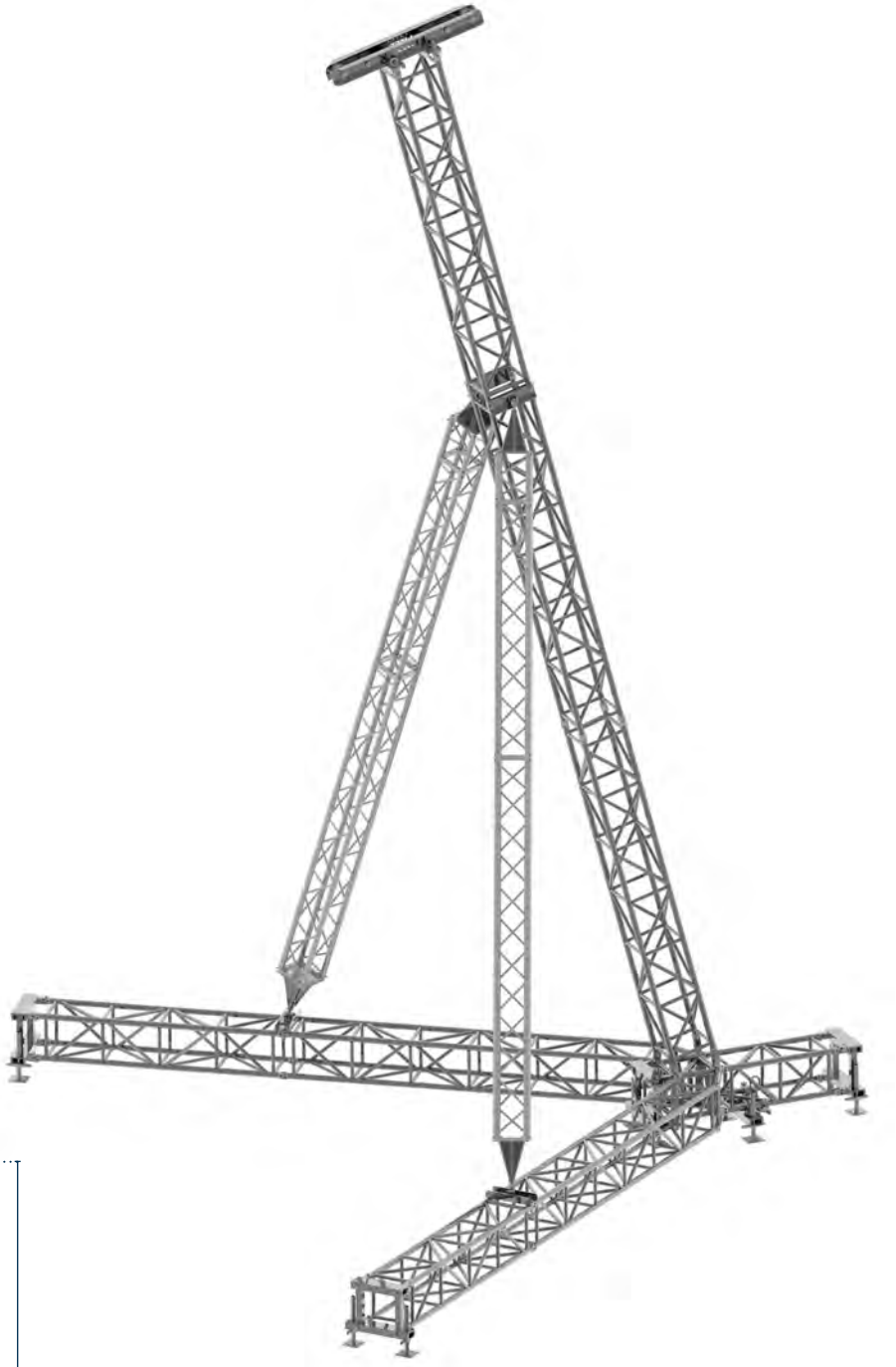
Flyintower 10-1,600

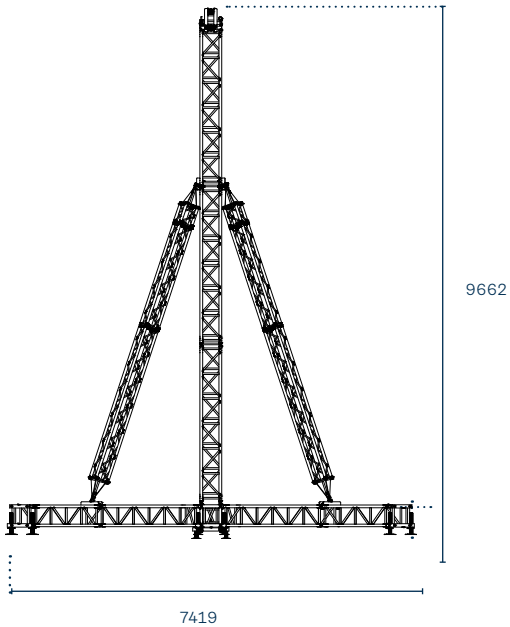
Support tower for for audio systems. Designed in QL40A, this new Flyintower is suitable for 1,600 kg loads and can reach the height of 10 meters, thus ensuring sturdiness and rigidity on relevant heights. It also utilized QH30SA trusses as stabilizing elements and is equipped with fork connections.

Maximum tower height	→	10 m
Vertical main truss	→	QL40A
Base dimensions	→	580 x 750 cm
Maximum lifting load capacity	→	1,600 kg
Guy ropest	→	not needed





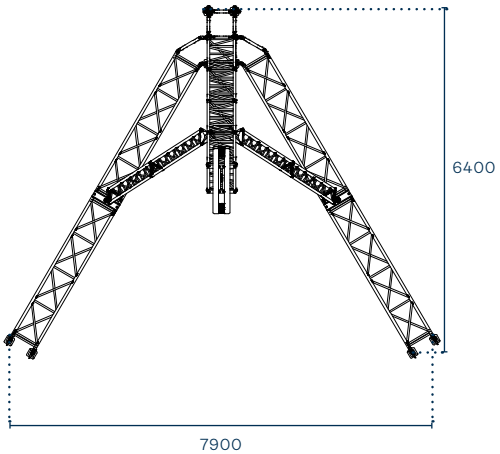


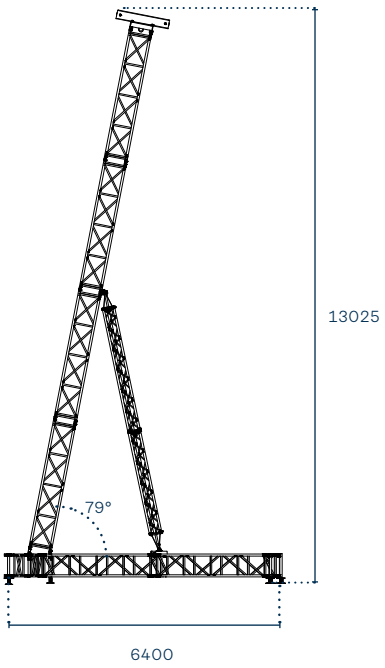

9662
7419

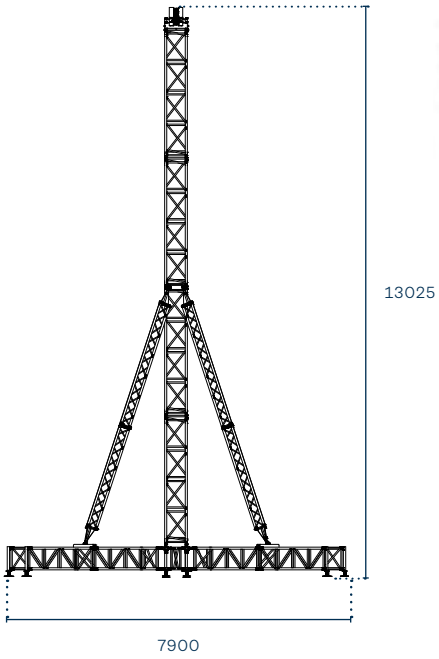
Flyintower 13-1,400

Support tower for for audio systems. Designed in QL52A, this new Flyintower is suitable for 1,400 kg loads and can reach the height of 13 meters, thus ensuring sturdiness and rigidity on relevant heights. It also utilized TX30SA trusses as stabilizing elements and is equipped with fork connections.

Maximum tower height	→	13 m
Vertical main truss	→	QL52A
Base dimensions	→	640 x 790 cm
Maximum lifting load capacity	→	1,400 kg
Guy ropes	→	not needed



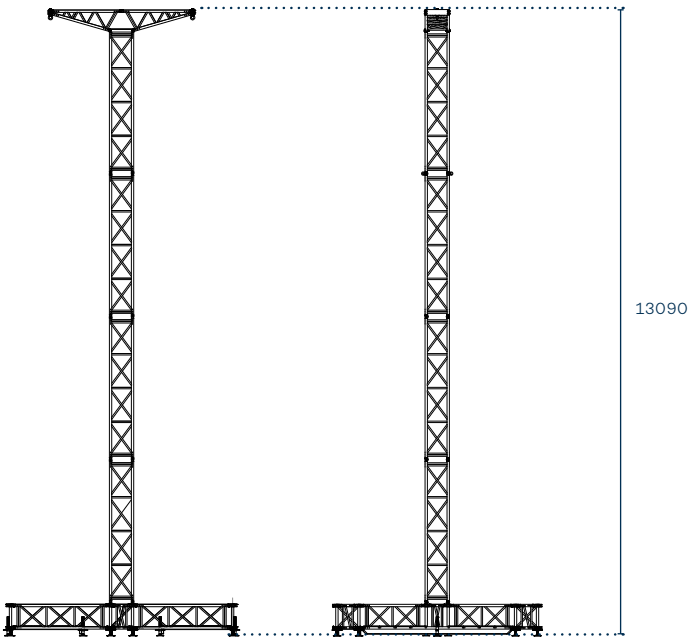


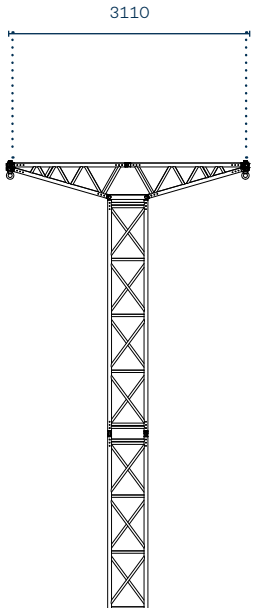

13025
7900

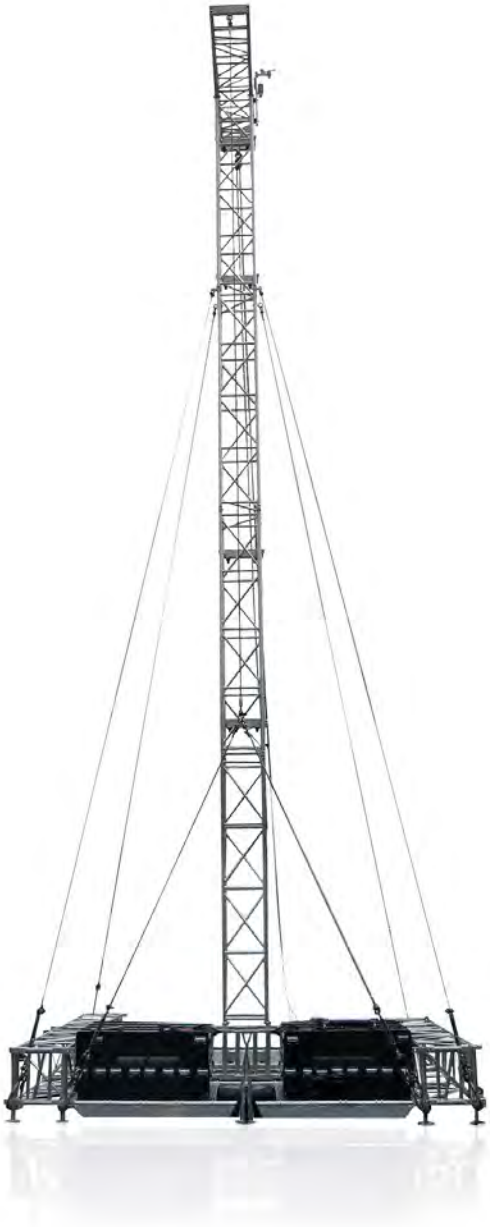
Flyintower 13-2,000

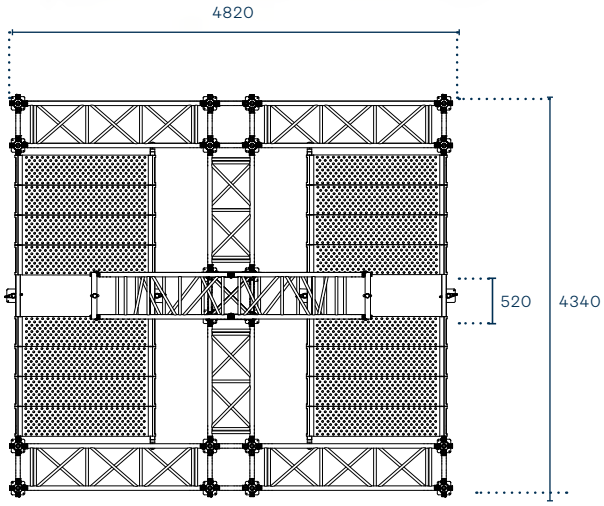
Vertical audio system support tower.
It consists of QL52A structures and is suitable for lifting loads of up to 2500 kg to a height of 13 metres.
The electric chain hoist is fitted directly to the top truss structure.
A lifting system is available for raising the tower.

Maximum tower height	→	13 m
Vertical main truss	→	QL52A
Base dimensions	→	475 x 429 cm
Maximum lifting load capacity	→	2,000 kg





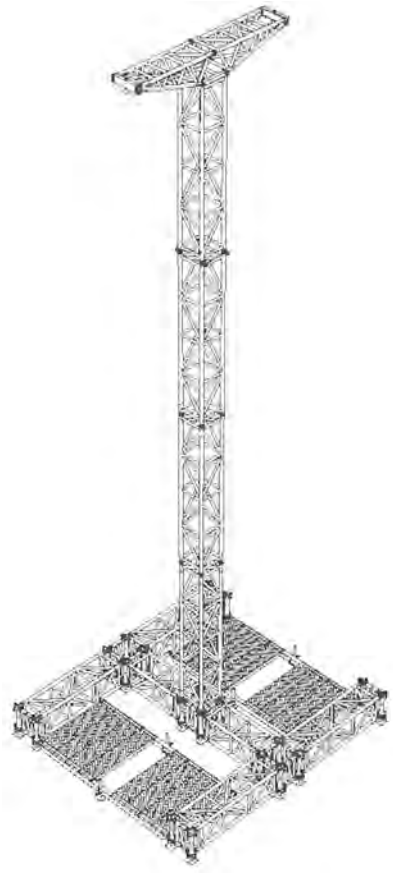




Flyintower 13-2,000

Made mostly of elements of QL52A and FL52 series, Flyintower 13-2,000 can lift loads up to 12 m in height, quickly and easily.
These features characterize the fork connection system of the whole High Load series.

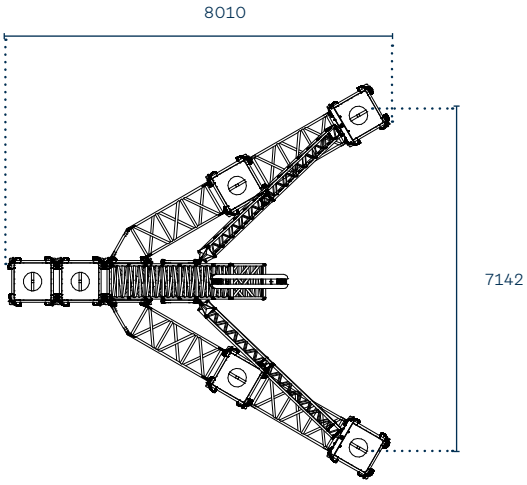
The Flyintower 13-2,000 has been studied so that it can be built using materials standard to the High Load series with only a few special elements added.
It can be assembled quickly, and occupies little floor space. Maximum load 200 kg.

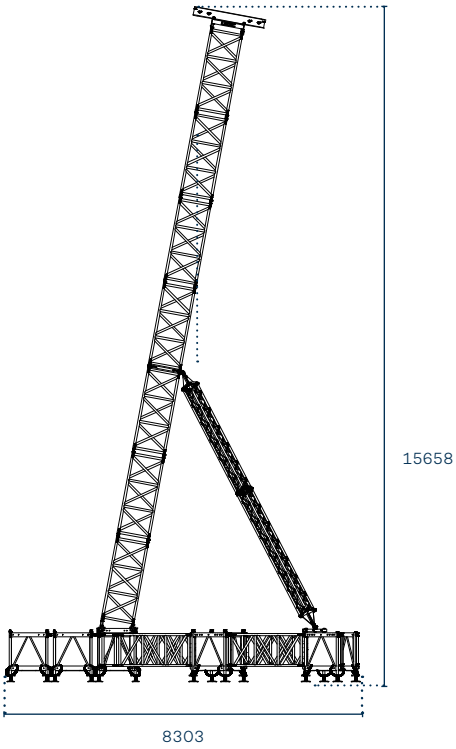


Flyintower 15-2,000

Support Tower for audio systems. Designed in QL76A, this new Flyintower is suitable for 2,000 kg loads and can reach the height of 15 meters, thus ensuring sturdiness and rigidity on relevant heights. It also utilizes QH30SA trusses as stabilizing elements and is equipped with fork connections.

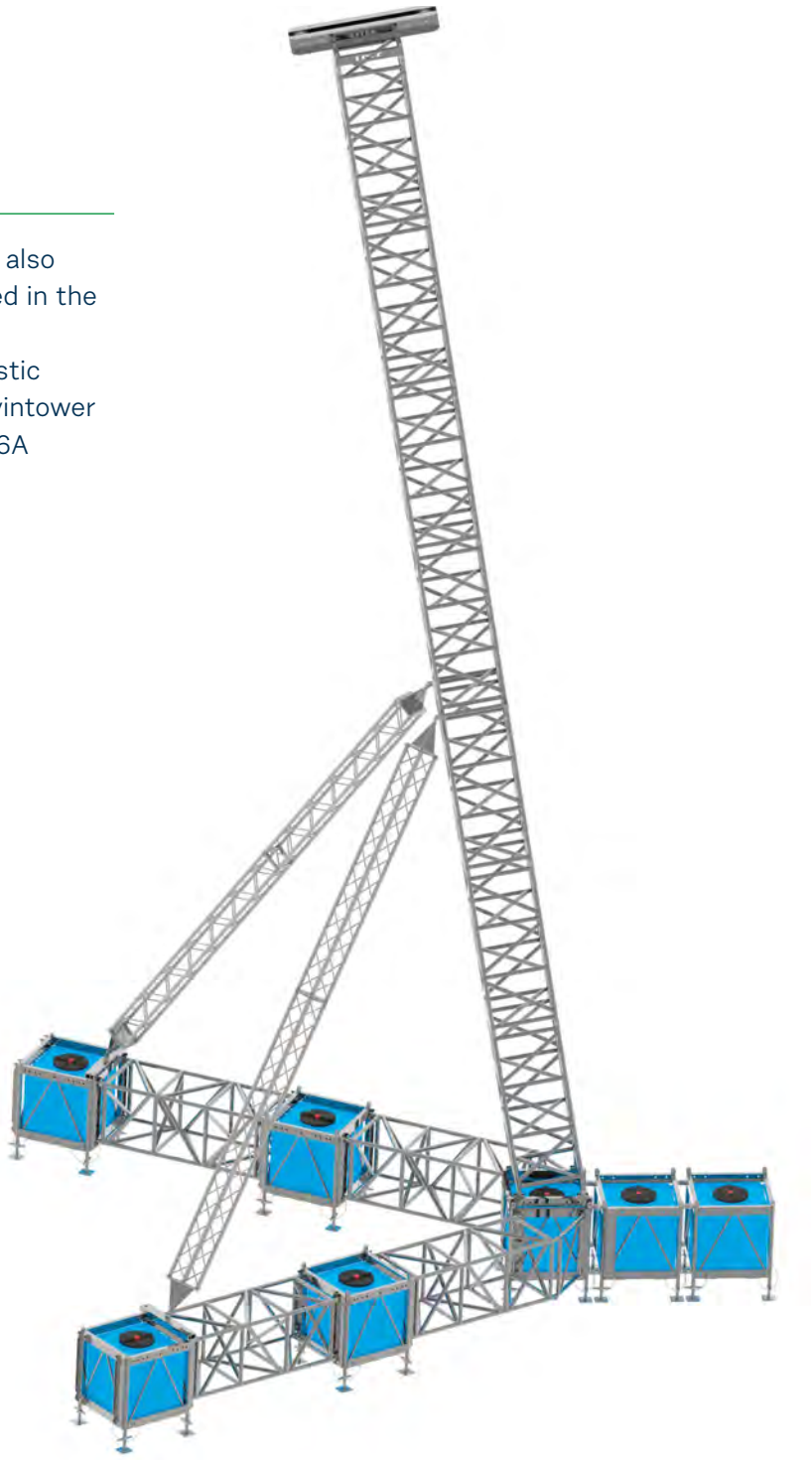
Maximum tower height	→	15 m
Vertical main truss	→	QL76A
Base dimensions	→	830 x 801 cm
Maximum lifting load capacity	→	2,000 kg

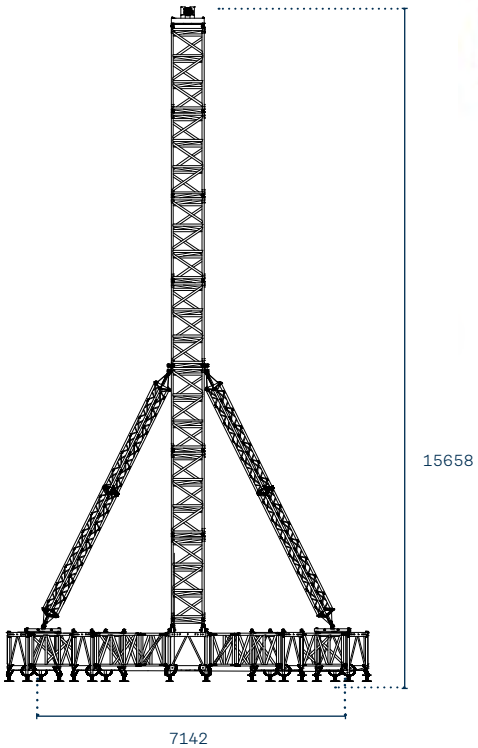




Flyintower 15-2,000

In the concept of the new Flyintower are also included water ballasts, already integrated in the system.
They consist of aluminium cages and plastic tanks to be filled with water. The new Flyintower allows you to use your own stock of QL76A trusses.

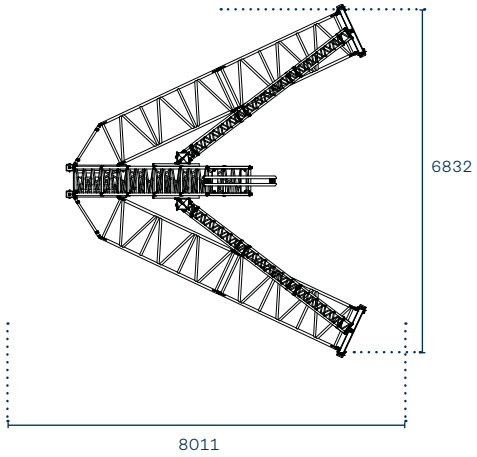


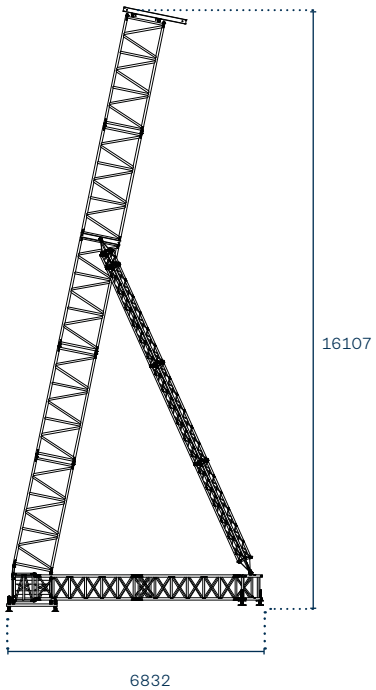


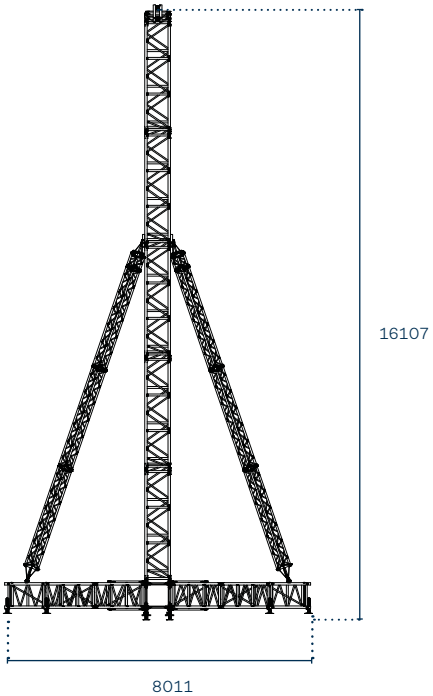
Flyintower 16-2,000

Support tower for for audio systems. Designed in RL105A, this new Flyintower is suitable for 2,000 kg loads and can reach the height of 16 meters, thus ensuring sturdiness and rigidity on relevant heights. It also utilized QH30SA trusses as stabilizing elements and is equipped with fork connections.

Maximum tower height	→	16 m
Vertical main truss	→	RL105A
Base dimensions	→	680 x 800 cm
Maximum lifting load capacity	→	2,000 kg
Guy ropes	→	not needed



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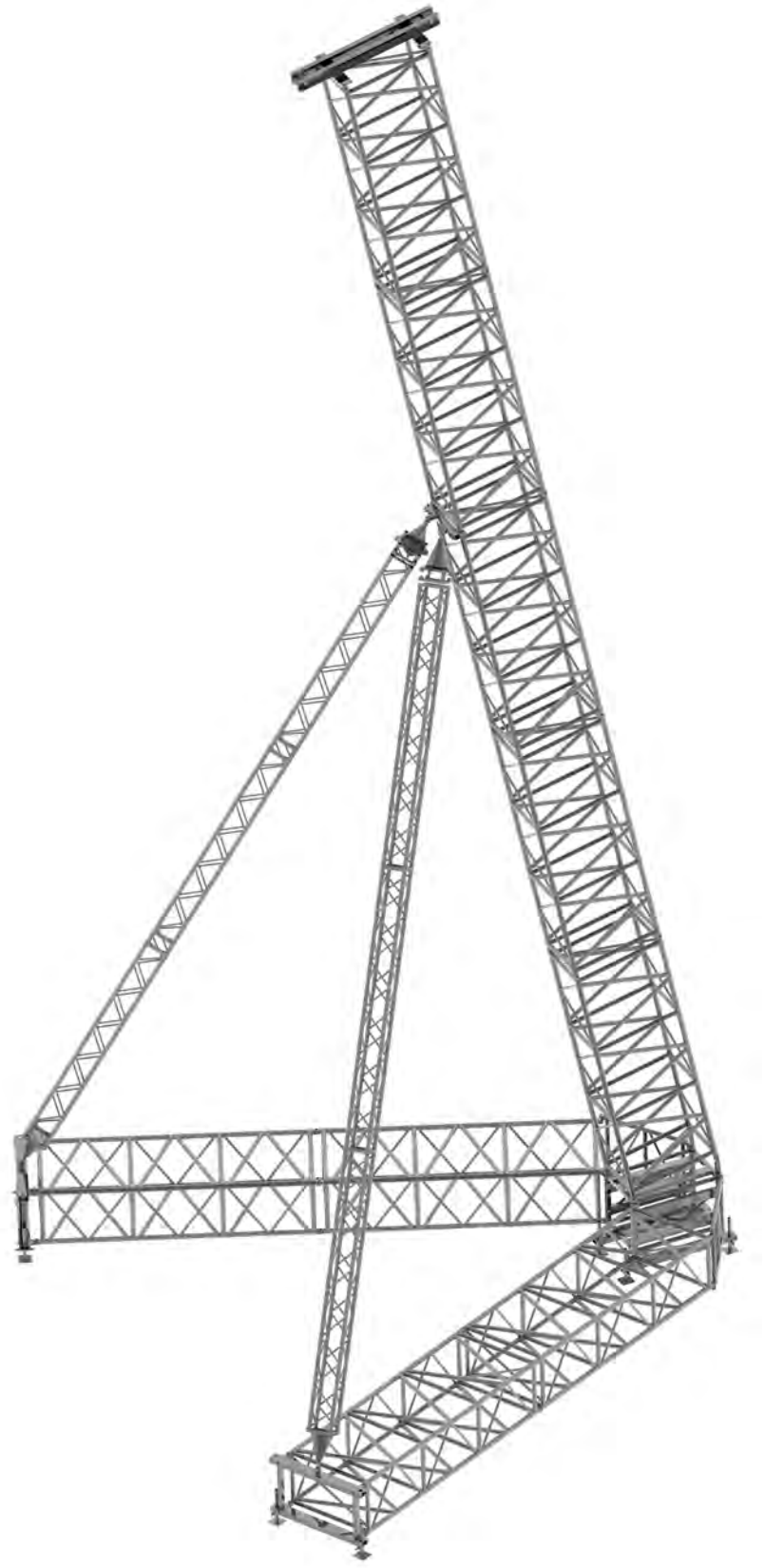
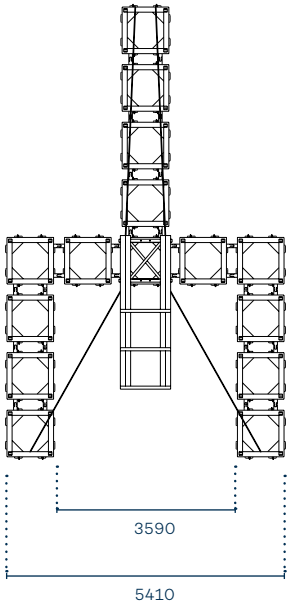
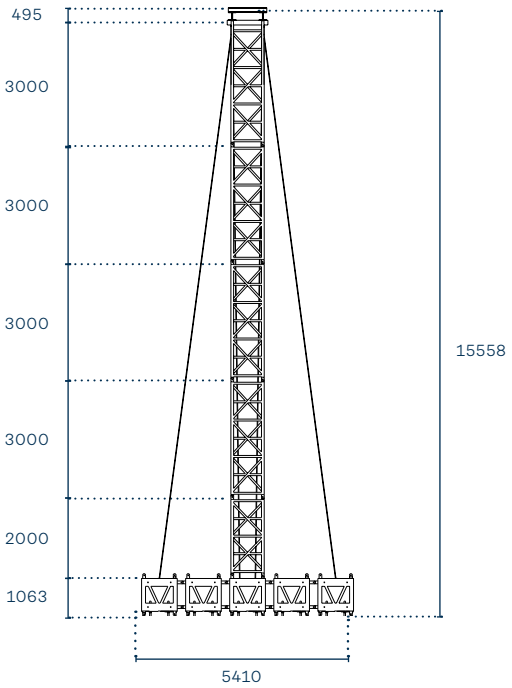


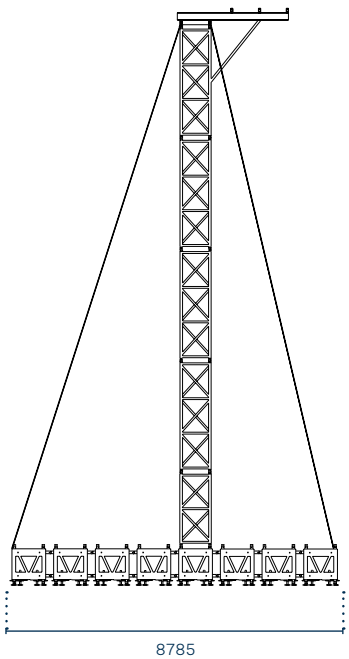
Flyintower 15-8,000

Support tower for audio systems or follow spot system. Designed in QL85A, this new Flyintower is suitable for 8,000 kg loads and can reach the height of 15,5 meters, thus ensuring sturdiness and rigidity on relevant heights. It also utilized the ballast system to stabilize itself and it creates a free area on the front to simplify the system for loading.

Maximum tower height	→	15.5 m
Vertical main truss	→	QL85A
Base dimensions	→	540 x 878 cm
Maximum lifting load capacity	→	8,000 kg



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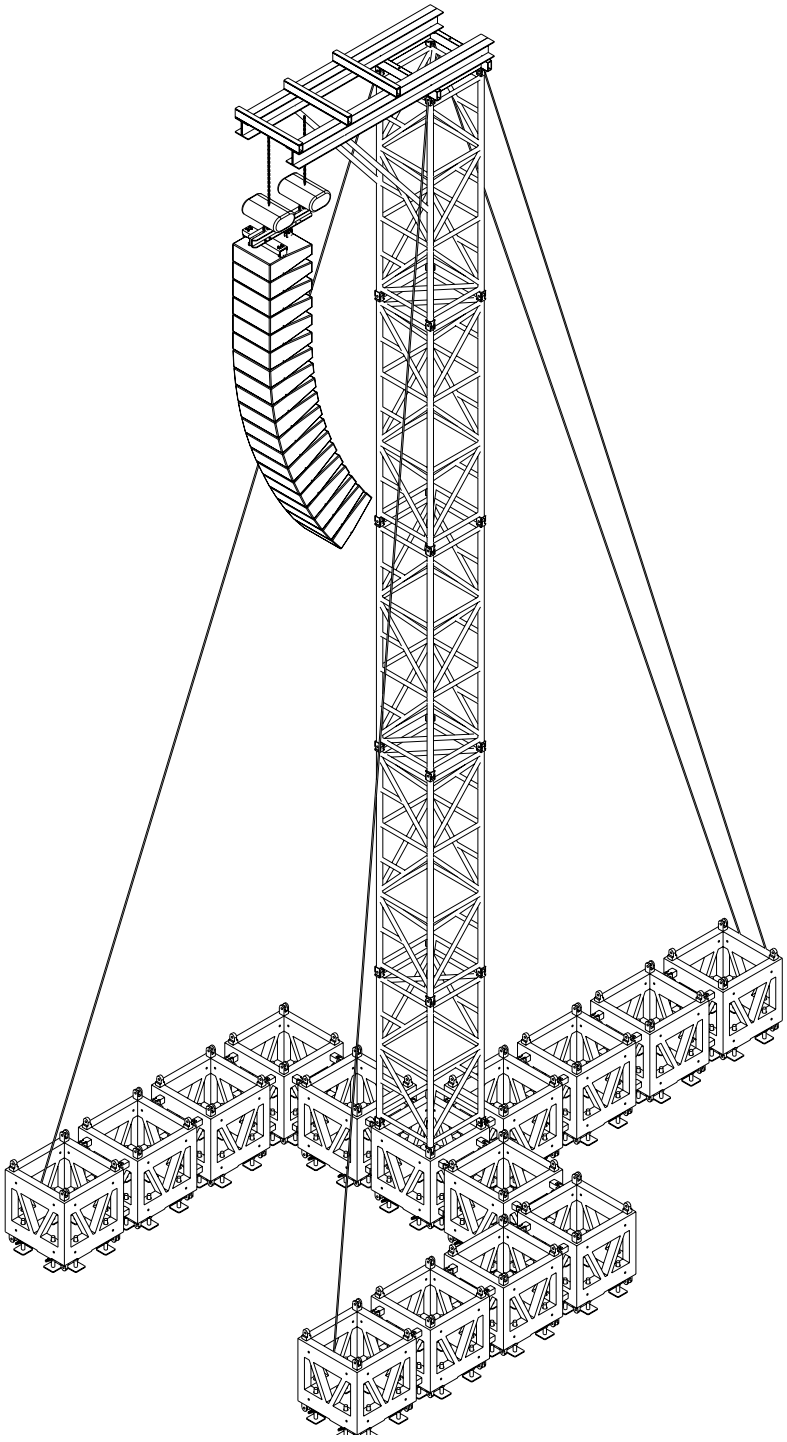
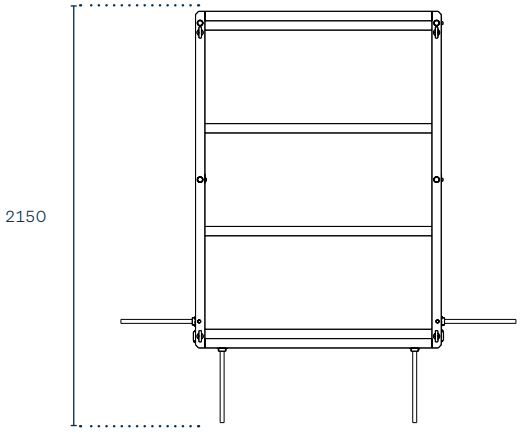
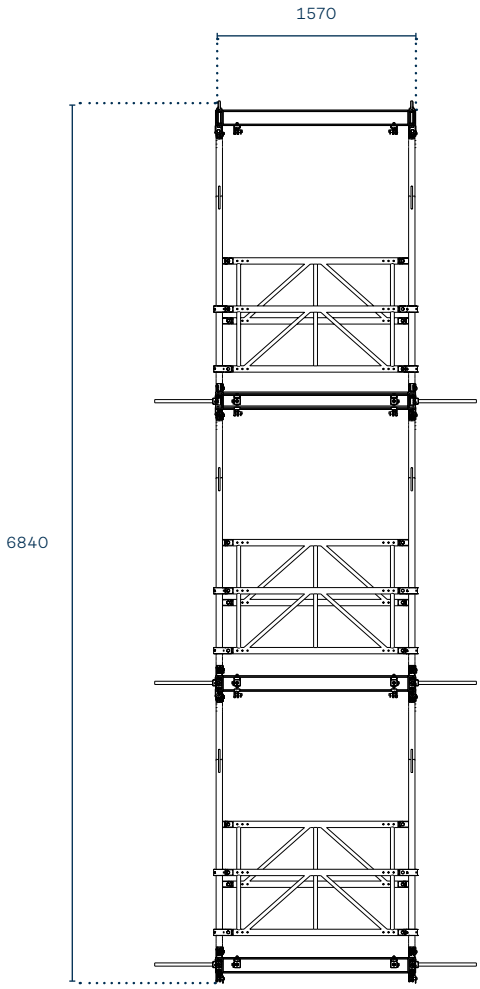
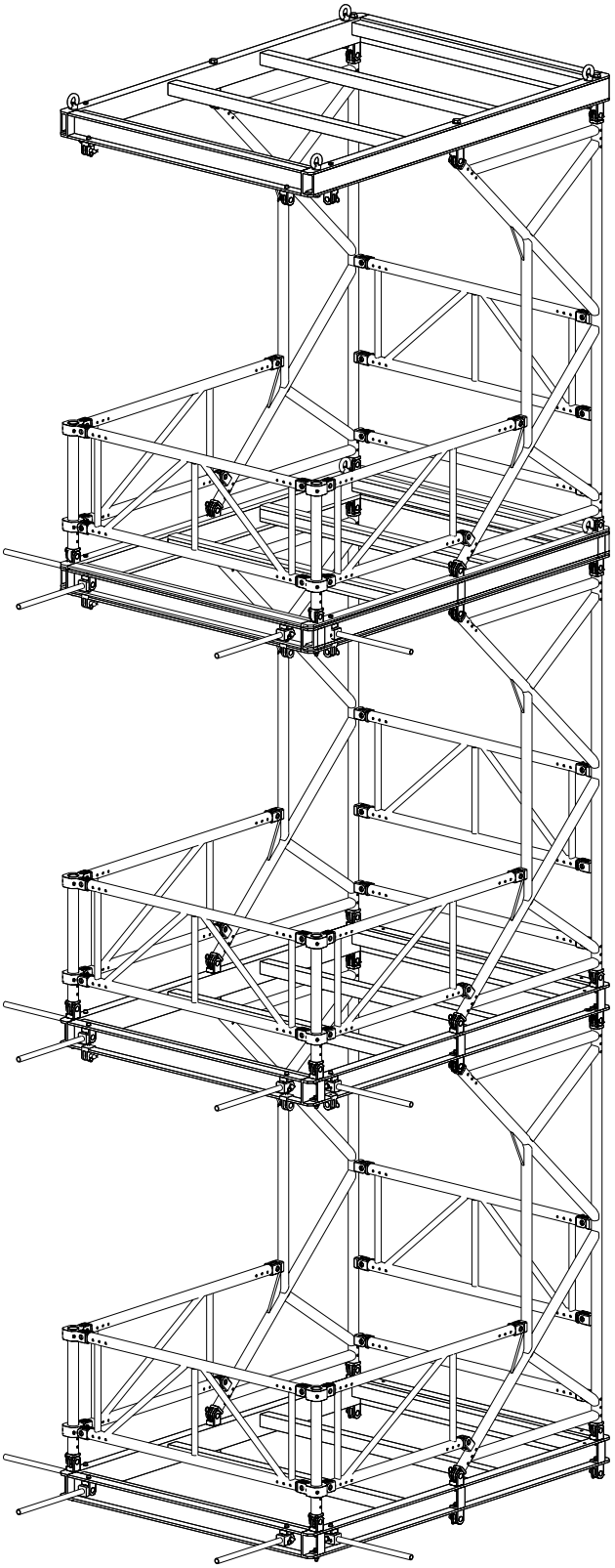


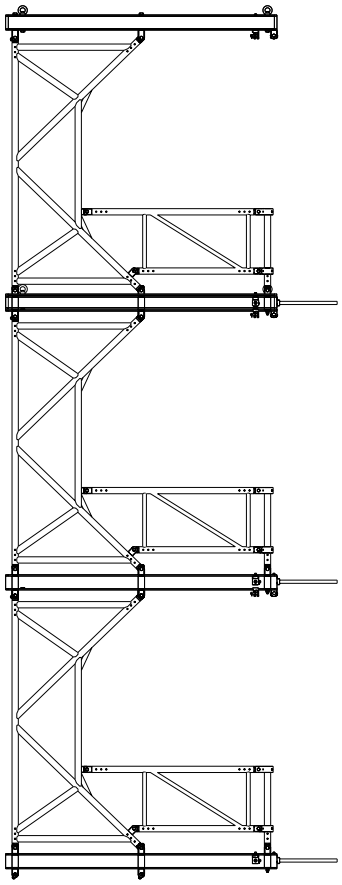
Follow Spot Tower

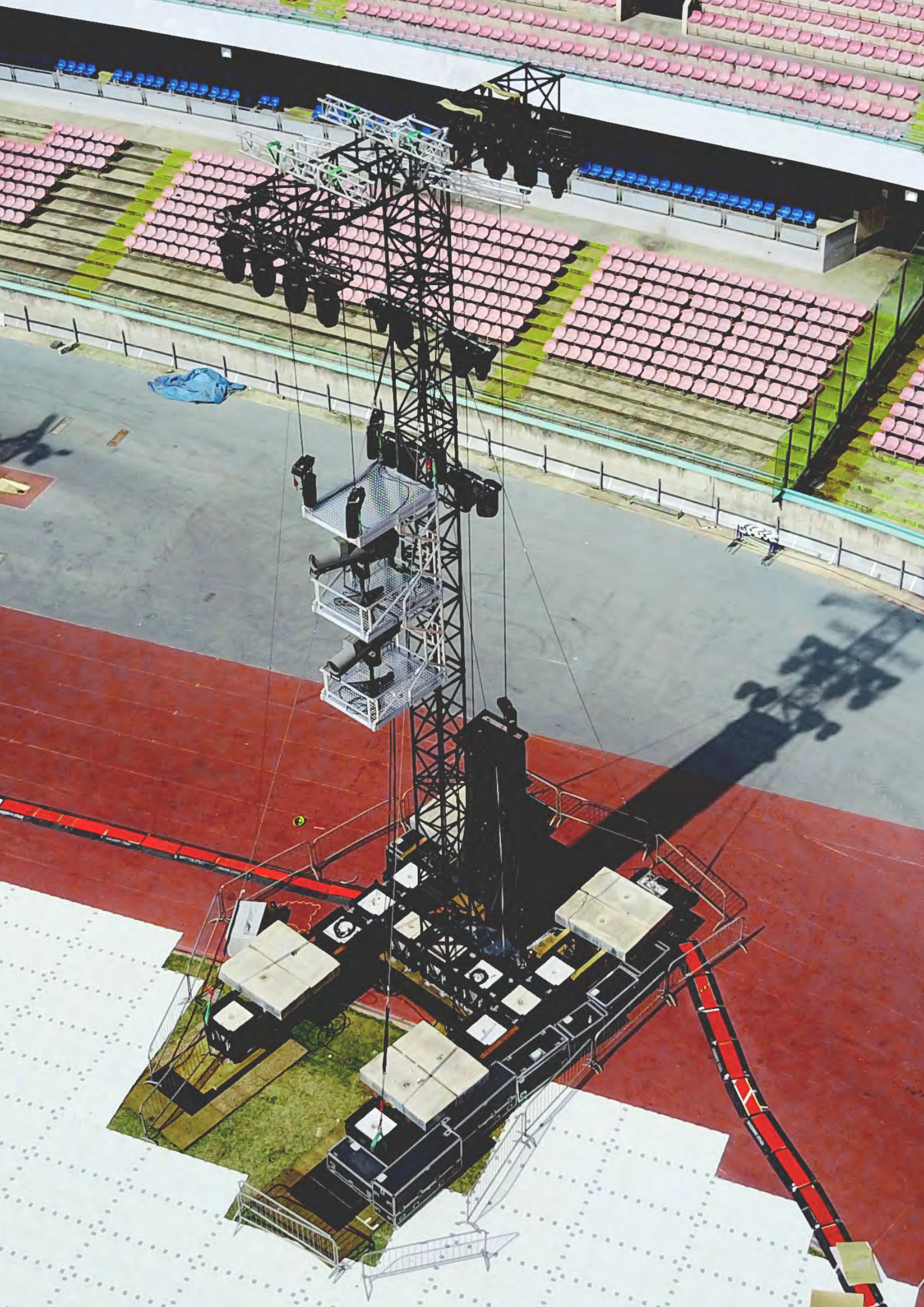
LITEC offers a new system for follow-person during the show. The system provides a platform with a 200x150 cm space to allow the operator to follow the artist during the show. The structure incorporates the concept of LIBERA that reduces transport volume to the maximum.
It is a modular platform to lift an operator for light or camera. It could assemble from 1 to 4 platform. It have four eye-bolt on the top to lift it with chain hoist.











LED Screen Ground Supports

Efficiency & cost-effectiveness

LITEC has engineered the most suitable solutions for hanging screens in an extremely efficient, cost-effective and safe manner. LED Screen gates provide
high-level truss supports for flying screens at concerts and other events in general. They consist of standard towers and trusses of the LITEC range. Here below you will find 8 standard LED screen ground supports, based on Towerlift 3, Varitower 3-30, Maxitower 40, Maxitower 52 and Maxitowers 85, but variations are available on request.

S6-H6-L1,300
S7-H7-L1,600
S8-H7-L1,800
S8-H7-L2,000
S9-H7-L2,900
S11-H9-L6,000
S13-H9-L9,000
S21-H15-L12,000

S6-H6-L1,300

A simple support solution
for LED screens with a 6 m span
and load capacity up to 1,300 kg.
The ground support is made
in QX40SA and in Towerlift 3.

LED Screen Ground Supports S6-H6-L1,300

Span	→	6 m
Height	→	6 m
Uniformly distributed load UDL *	→	1300 kg
Towers	→	Towerlift 3
Main trusses	→	QX40SA

* Indicative loading data for use in environments without wind. For details and further information, please consult the technical specifications or contact our engineering department or distributors.

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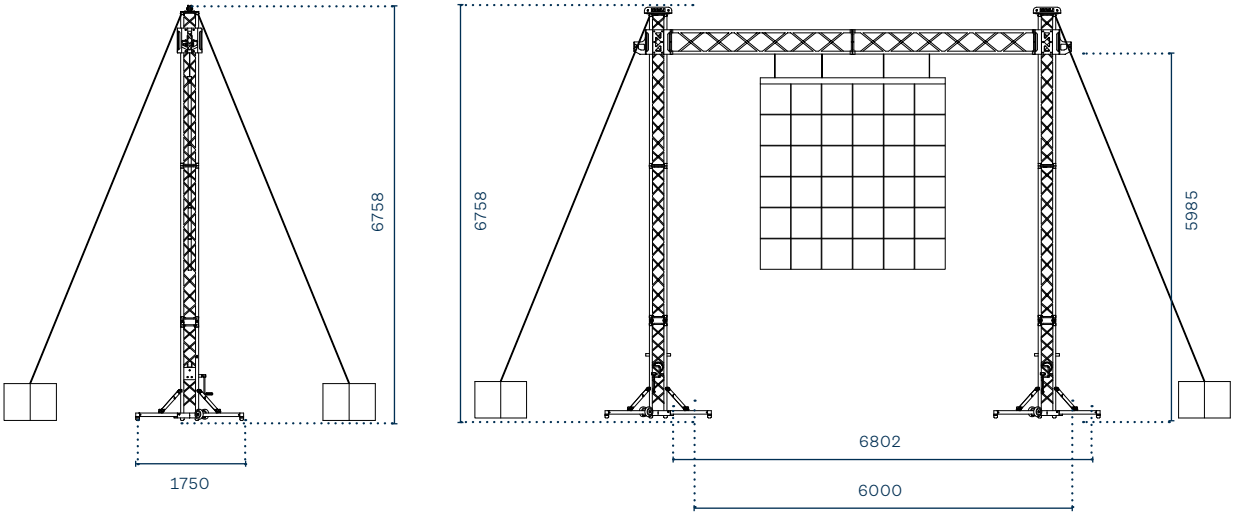

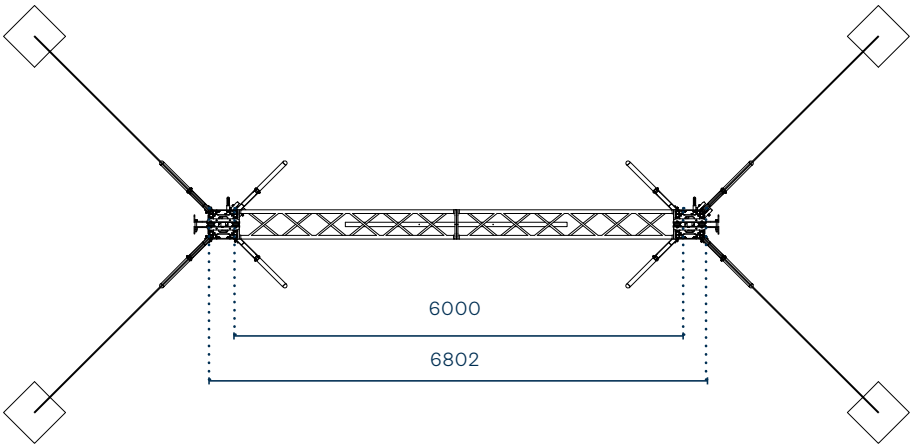

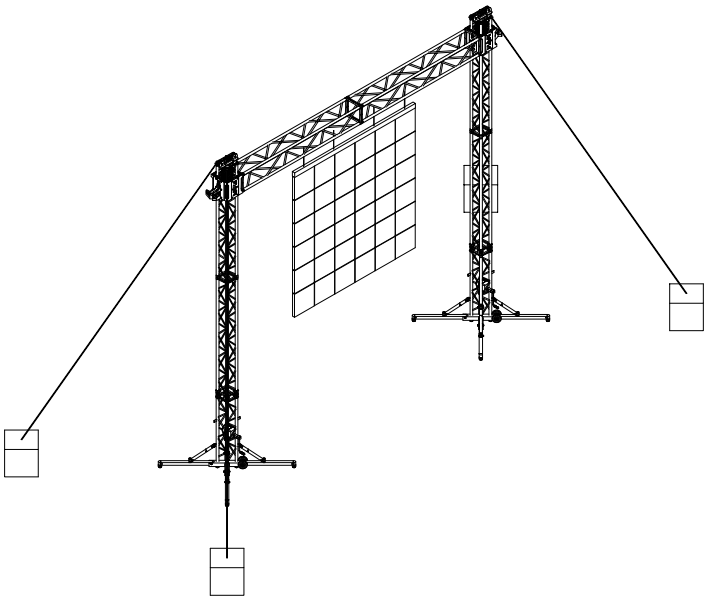

LED Screen Ground Supports

S6-H6-L1,300

Screen supports for a wide range of applications can be configured using your products in stock.

To request assistance on our LED Screen Ground Supports, please contact our engineering office, who will create a configuration to meet your technical requirements.

S7-H7-L1,600

An easy-to assemble LED Screen Ground Support developed on a 7-metre span for screens up to 1,600 kg.

LED Screen Ground Supports S7-H7-L1,600

Span	→	7 m
Height	→	7 m
Uniformly distributed load UDL *	→	1600 kg
Towers	→	Varitower 3-30
Main trusses	→	QH40SA

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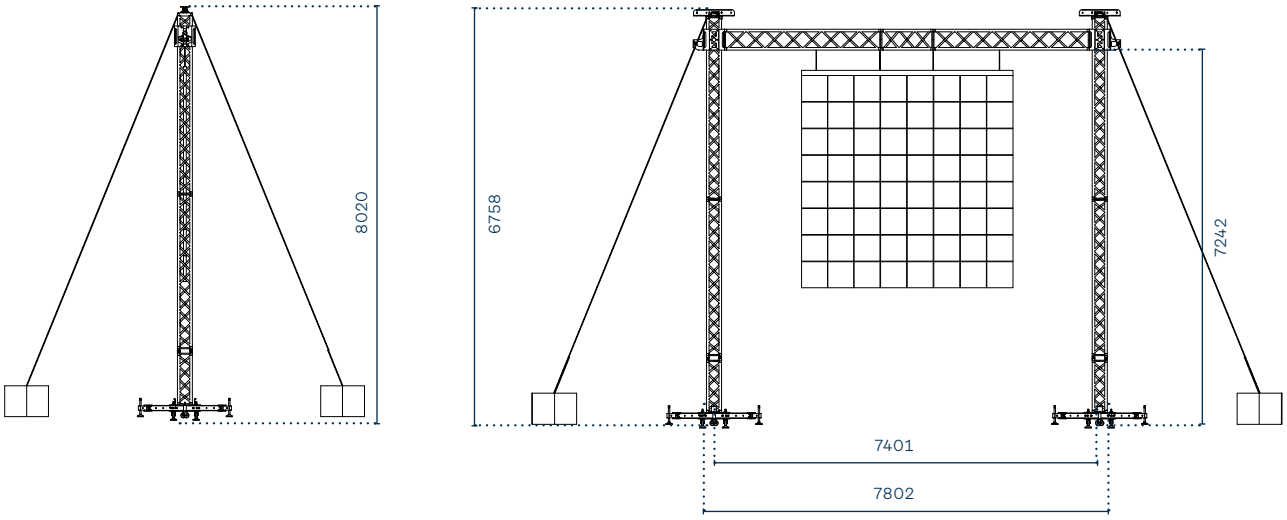

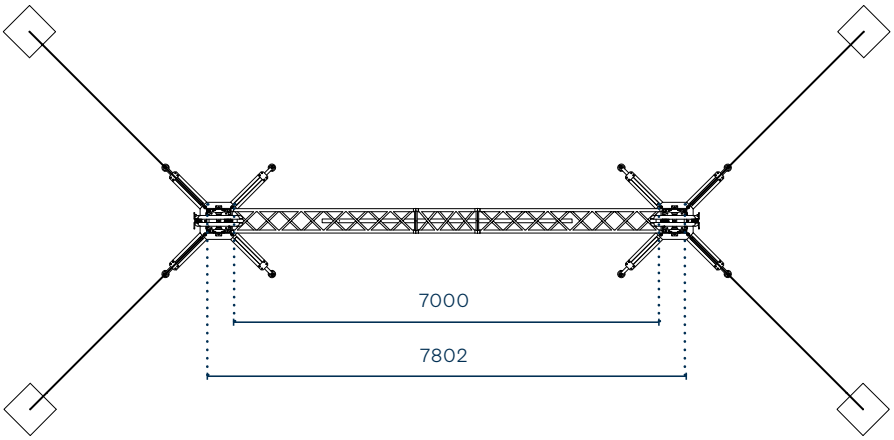

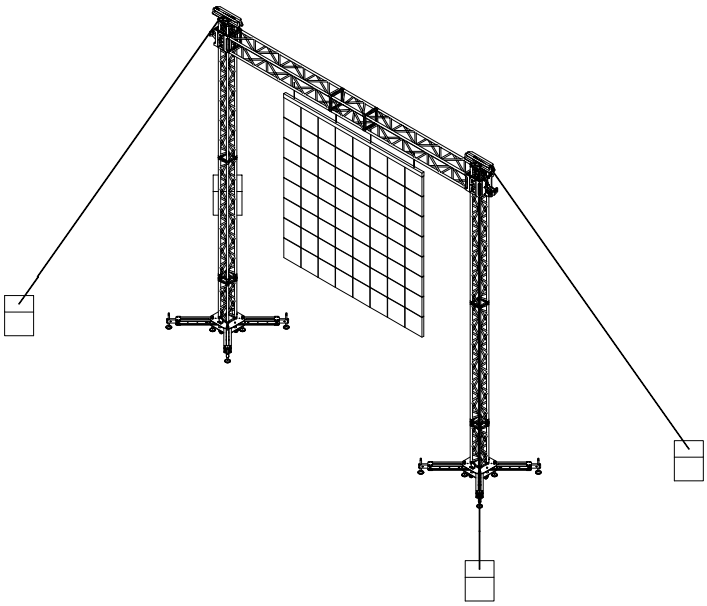

LED Screen Ground Supports

S7-H7-L1,600

Screen supports for a wide range of applications can be configured using your products in stock.

To request assistance on our LED Screen Ground Supports, please contact our engineering office, who will create a configuration to meet your technical requirements.

S8-H7-L1,800

This LED Screen Ground Support in RF40 trusses and Varitower 3-30 provide high-level truss supports for flying up to 1,800 kg screens in different applications.

LED Screen Ground Supports S8-H7-L1,800

Span	→	8 m
Height	→	7 m
Uniformly distributed load UDL *	→	1800 kg
Towers	→	Varitower 3-30
Main trusses	→	RF40

* Indicative loading data for use in environments without wind. For details and further information, please consult the technical specifications or contact our engineering department or distributors.

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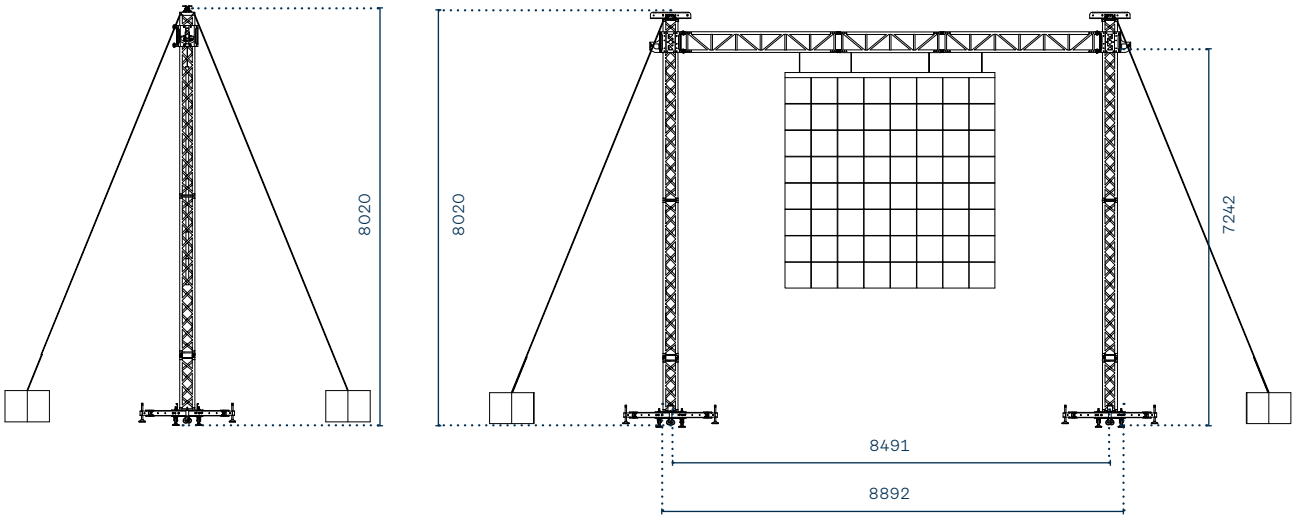

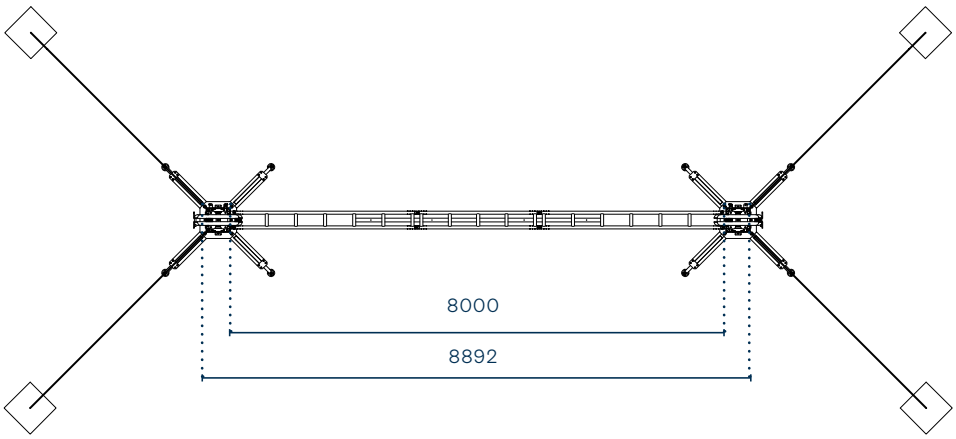

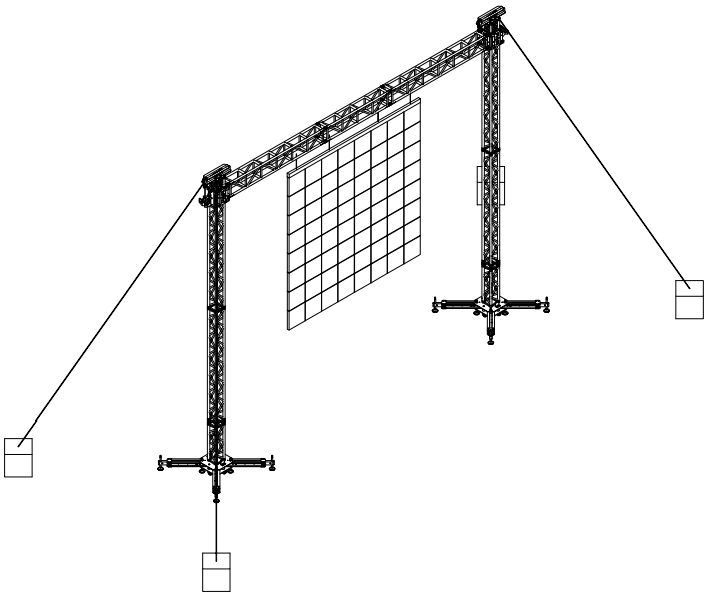

LED Screen Ground Supports

S8-H8-L1,800

Screen supports for a wide range of applications can be configured using your products in stock.

To request assistance on our LED Screen Ground Supports, please contact our engineering office, who will create a configuration to meet your technical requirements.

S8-H7-L2,000

Free-standing mid-range LED support frame incorporating Varitower 3-40 and QL52A horizontal beams for screens up to 2,000 kg.

LED Screen Ground Supports S8-H7-L2,000

Span	→	8 m
Height	→	7 m
Uniformly distributed load UDL *	→	2000 kg
Towers	→	Varitower 3-40
Main trusses	→	QL52A

* Indicative loading data for use in environments without wind. For details and further information, please consult the technical specifications or contact our engineering department or distributors.

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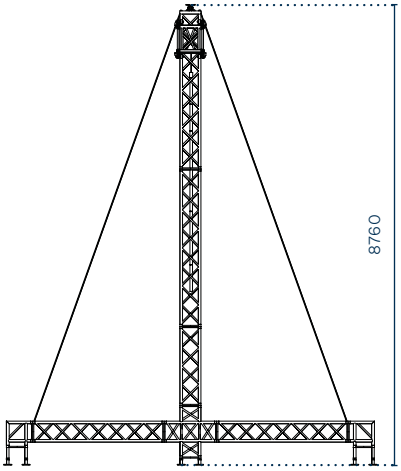
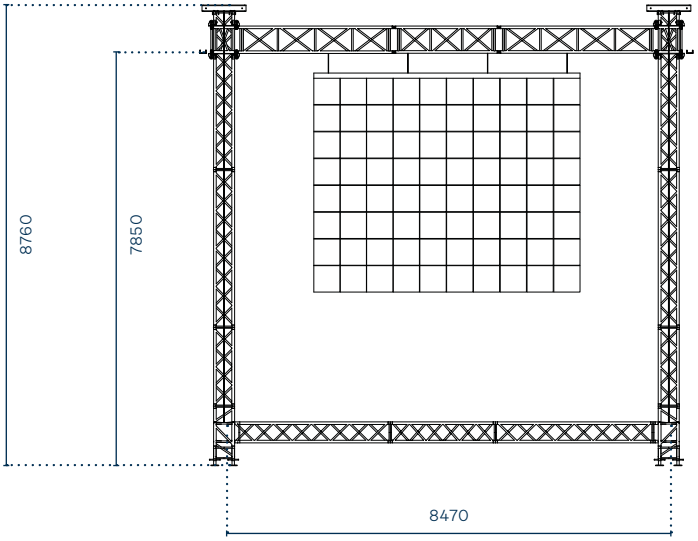
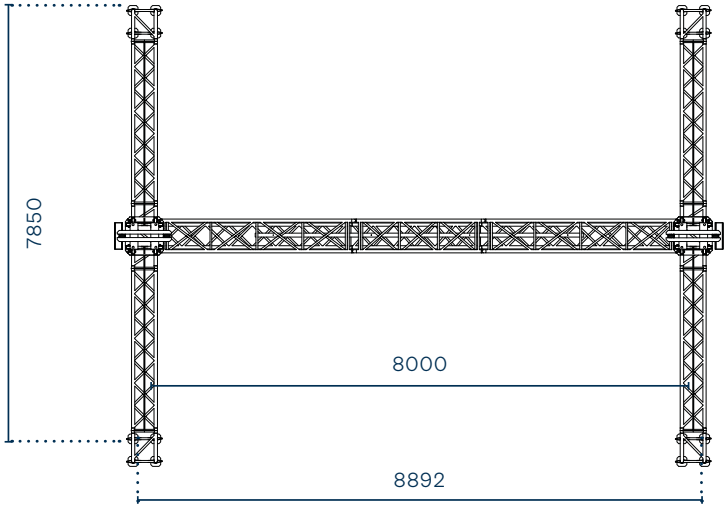
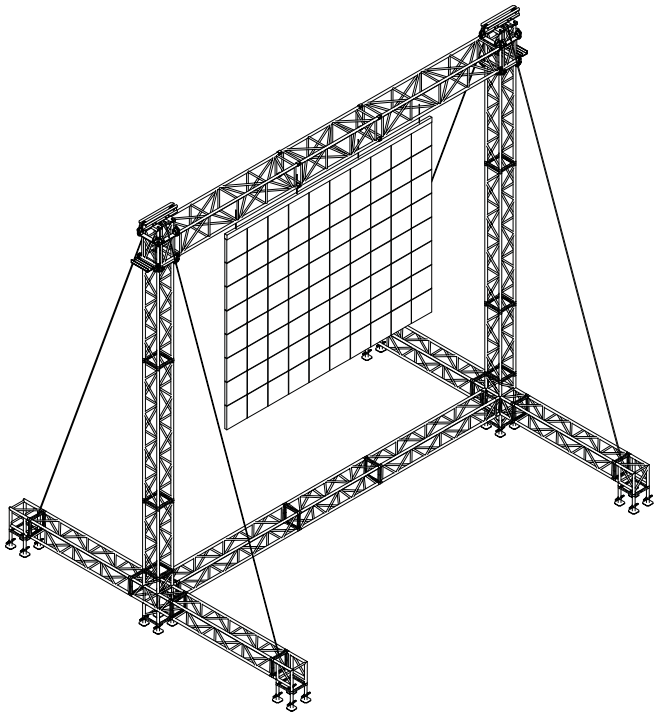








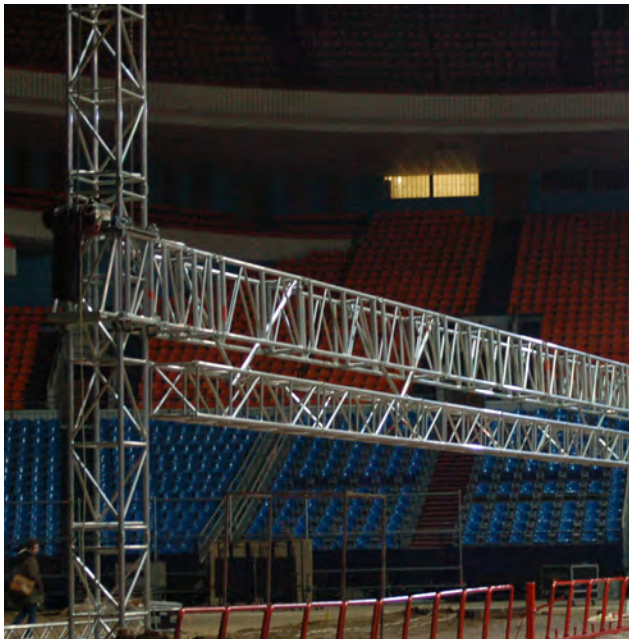
LED Screen Ground Supports

S8-H7-L2,000

Screen supports for a wide range of applications can be configured using your products in stock.

To request assistance on our LED Screen Ground Supports, please contact our engineering office, who will create a configuration to meet your technical requirements.

S9-H7-L2,900



The load bearing capacity is calculated and guaranteed for screens with a maximum load of 2,900 kg. The LED support is made in RL76A and Maxitower 40.

LED Screen Ground Supports S9-H7-L2,900

Span	→	9 m
Height	→	7 m
Uniformly distributed load UDL *	→	2900 kg
Towers	→	Maxitower 40
Main trusses	→	RL76A

* Indicative loading data for use in environments without wind. For details and further information, please consult the technical specifications or contact our engineering department or distributors.

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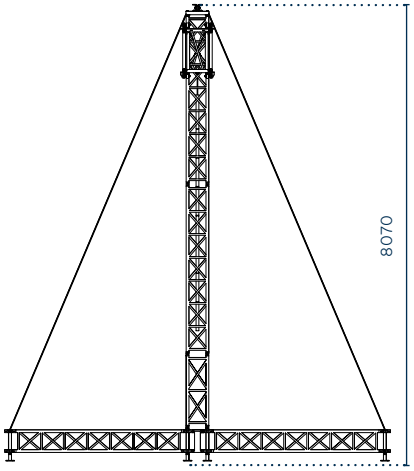

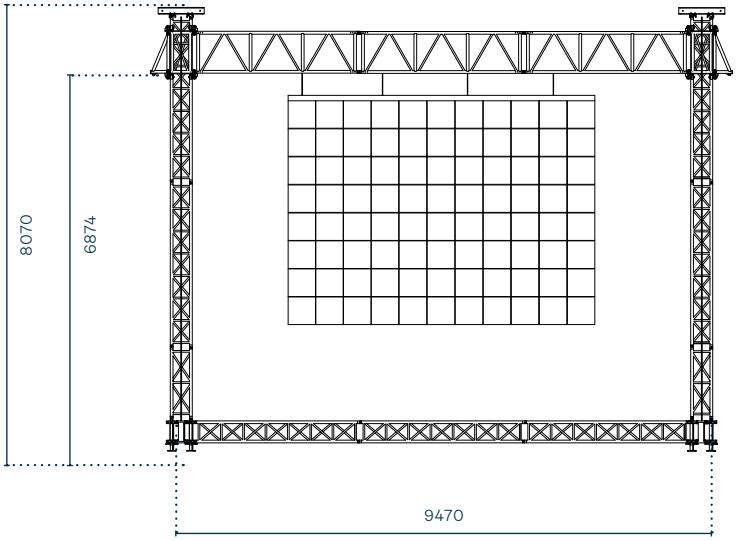

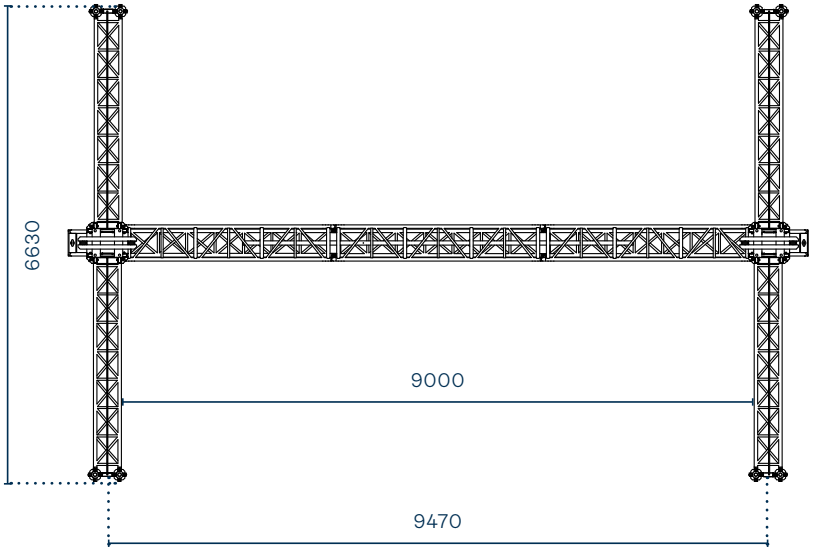

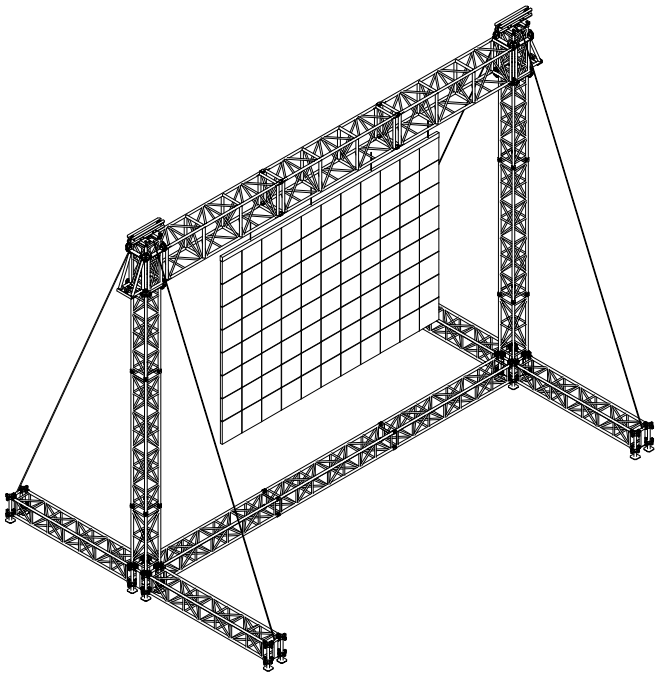

LED Screen Ground Supports

S9-H7-L2,900

Screen supports for a wide range of applications can be configured using your products in stock.

To request assistance on our LED Screen Ground Supports, please contact our engineering office, who will create a configuration to meet your technical requirements.

S11-H9-L6,000

Large format screen support frame featuring Maxitower 52 and RL105A horizontal beams for screens up to 6,000 kg.

LED Screen Ground Supports S11-H9-L6,000

Span	→	11 m
Height	→	9 m
Uniformly distributed load UDL *	→	6000 kg
Towers	→	Maxitower 52
Main trusses	→	RL105A

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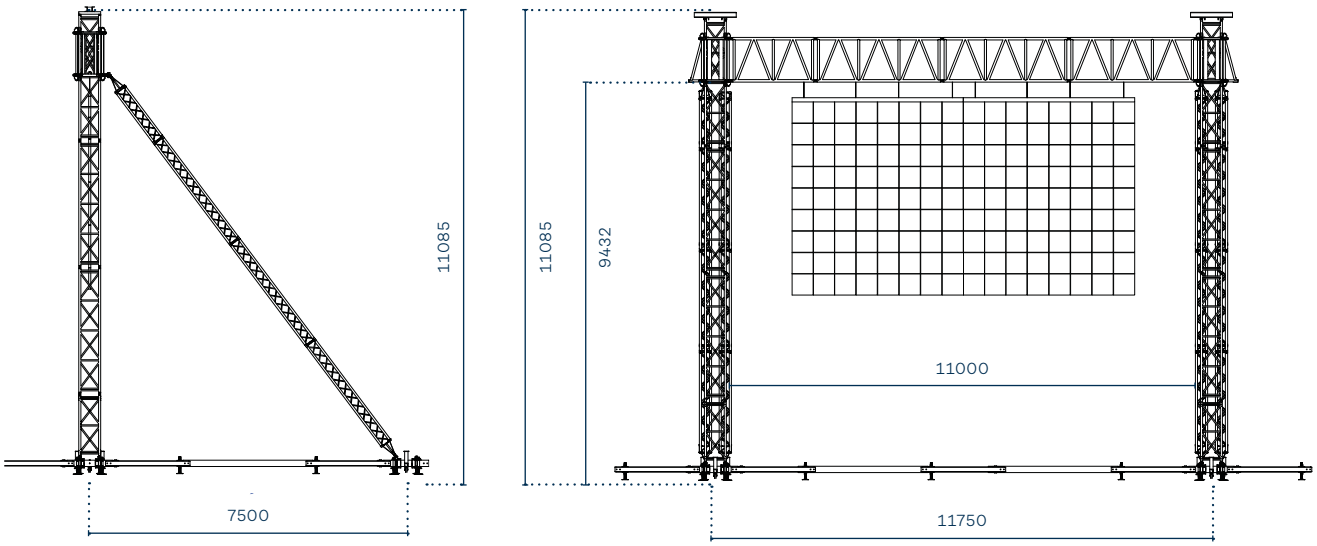

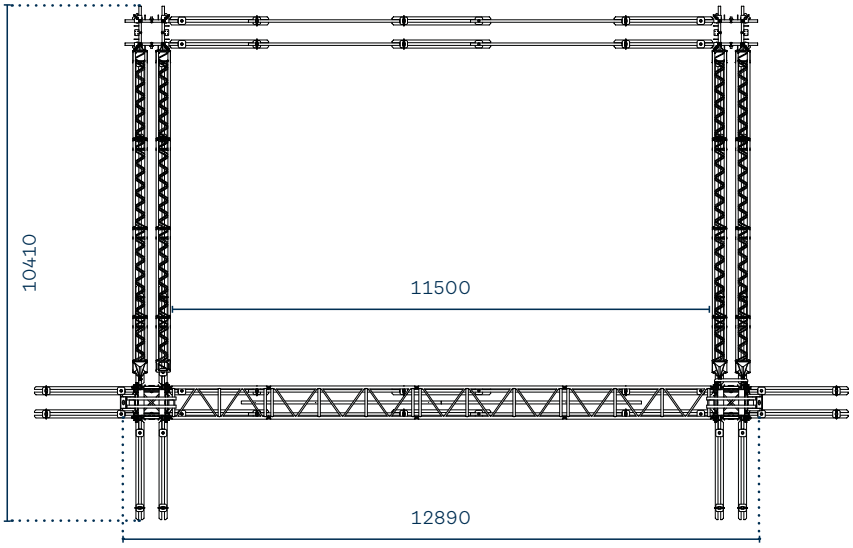

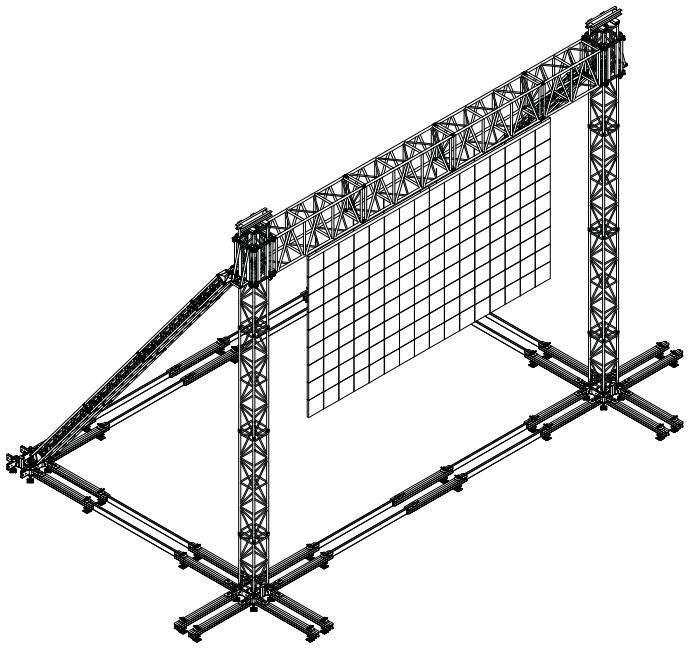

LED Screen Ground Supports

S11-H9-L6,000

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S13-H9-L9,000

Large format screen support frame for very high load capacity featuring Maxitower 52 and RL105A horizontal beams. The system is truly impressive.

LED Screen Ground Supports S13-H9-L9,000

Span	→	13 m
Height	→	9 m
Uniformly distributed load UDL *	→	9000 kg
Towers	→	Maxitower 52
Main trusses	→	RL105A

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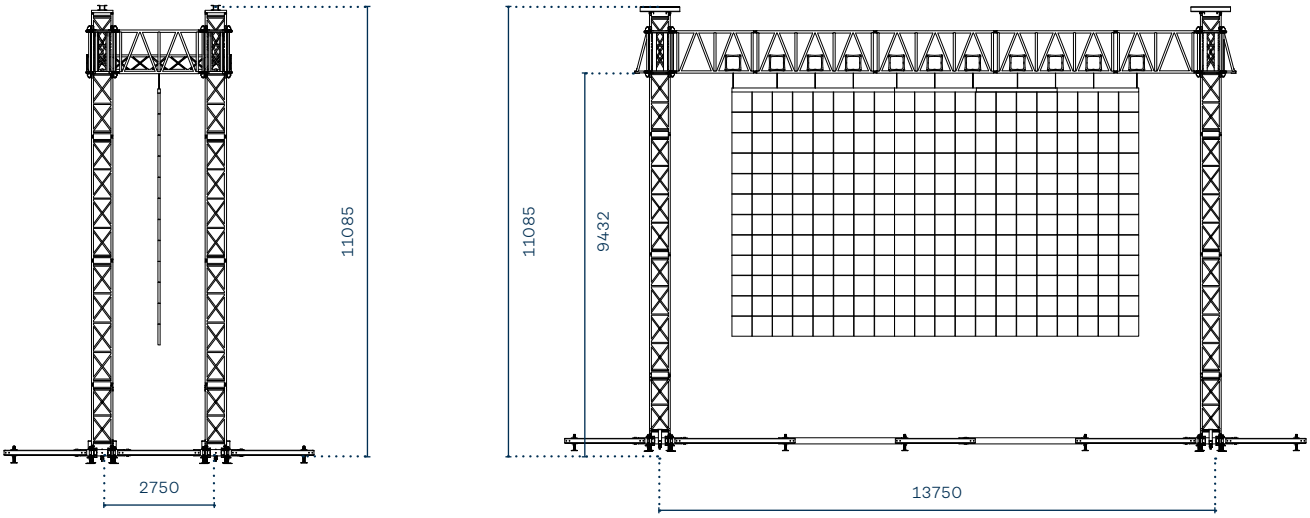

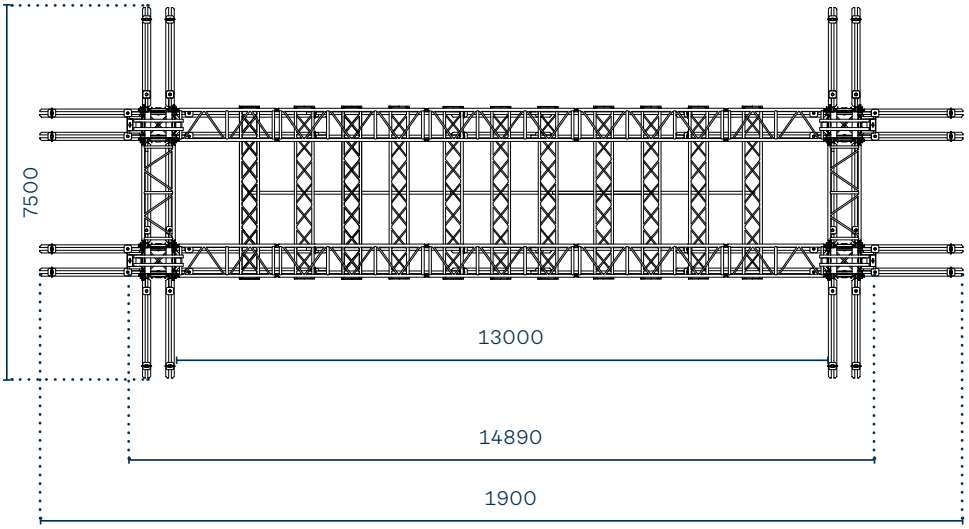

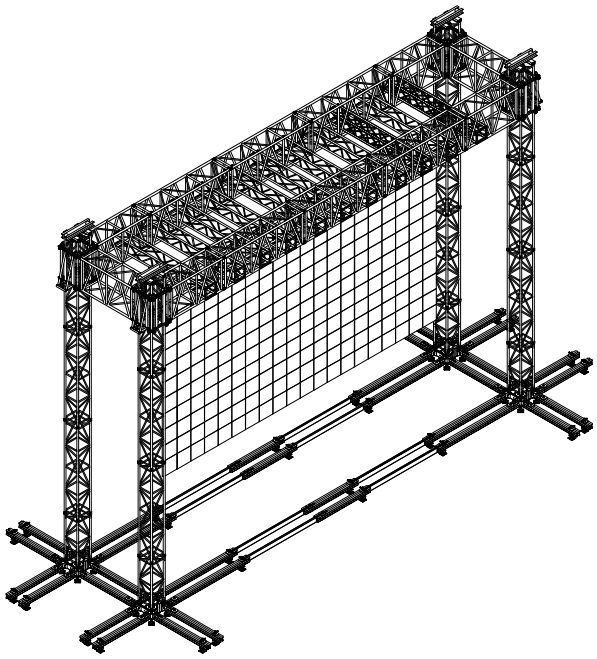

LED Screen Ground Supports

S13-H9-L9,000

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S21-H15-L12,000

LITEC has deigned the MyT LED screen ground support to fly very heavy screens. The load bearing capacity is 12,000 kg on a maximum height of 20 m.

LED Screen Ground Supports S21-H15-L12,000

Span	→	21 m
Height	→	15 m
Uniformly distributed load UDL *	→	12000 kg
Towers	→	Maxitower 85
Main trusses	→	MyT

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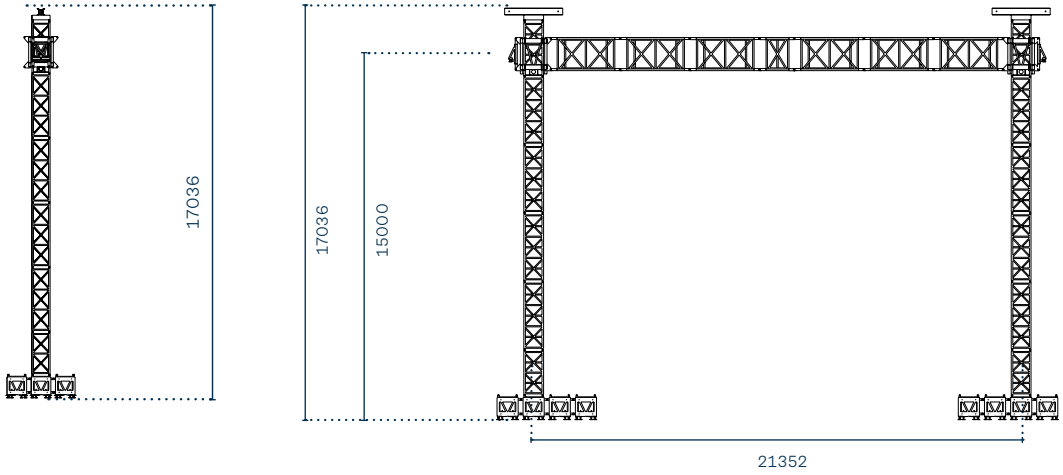

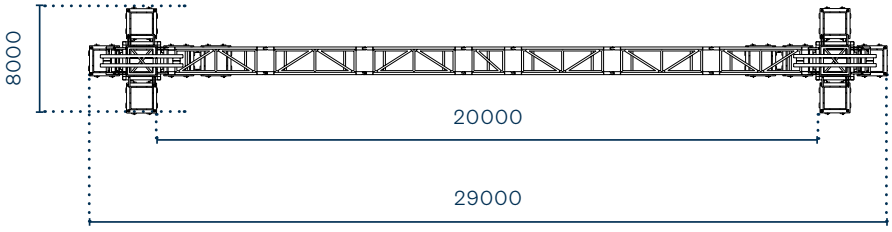

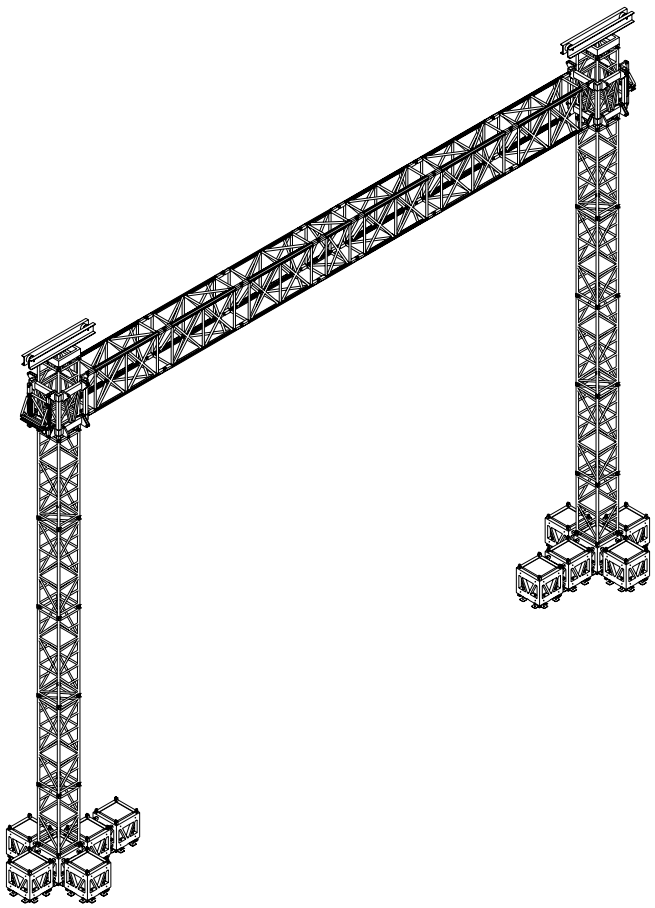

LED Screen Ground Supports

S21-H15-L12,000

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Heineken
Jammin Festival
Heineken
Jammin Festival


Heineken
Jammin'
Heineken
Jammin'

L-Wall

Customizable

LITEC offers a new system for supporting LED SCREEN WALL from the ground.
The L-WALL SYSTEM allows maximum flexibility but especially precision and very fast set up to create small to big screen without adding loads to the roofing system.

L-Wall

It is a new system for small-medium-large LED SCREEN WALLS which provides the possibility to connect the LED WALL element, usually 50 x 50 cm, in each of their conjunctions points.
Using the L-WALL SYSTEM as a support for your LED WALL installations improve dramatically the assembling time and assure a solid and very robust frame to hold the screen in position.
Its modularity makes it possible also to reinforce the structure adding other element further back of the structure up to the safest situation possible.
The fork connection system allow to create arch for different configurations but also a support system in case of horizontal use.

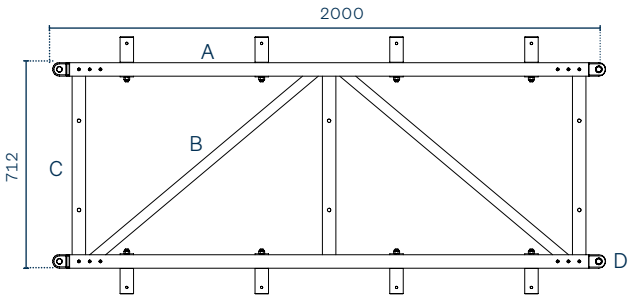
Chords A
Extruded tube Ø 50 x 50 X 4 mm
EN AW – 6082 T6

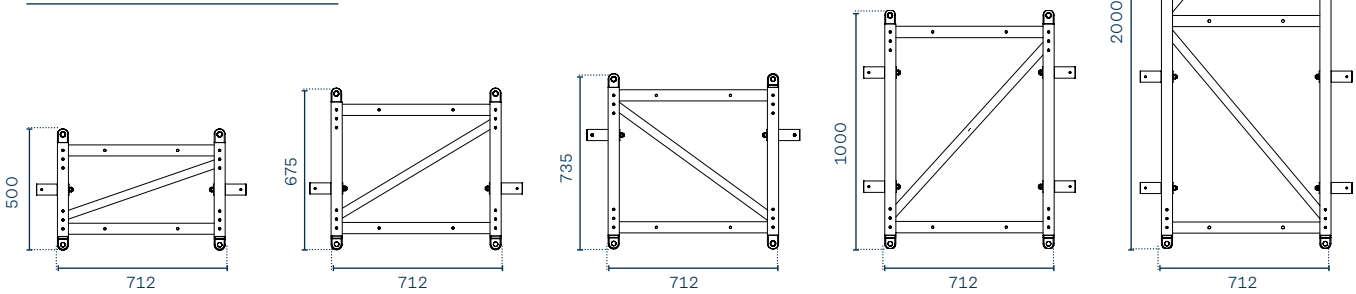
Diagonals B
Extruded tube Ø 38 x 4 mm
EN AW – 6082 T6

Braces C
Extruded tube Ø 50 x 40 X 3 mm
EN AW – 6082 T6

Ends D
Aluminium forks connectors
EN AW-6082 T6

Connection system KHLP
Cylindrical pin + safety R-clip





Components

LT 9- SASSL-738
Flat 500

LT 9- SASSL-758
Flat 675

LT 9- SASSL-741
Flat 2000

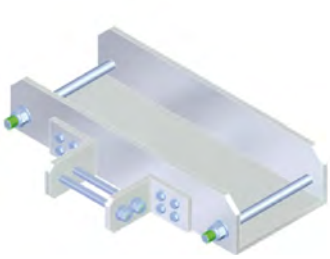
LT 9- SASSL-739
Flat 735

LT 9- SASSL-740
Flat 1000

LT 9- SASSL-752
Connection bar 500

LT 9- SASSL-753
Connection bar 1000

LT 9- SASSL-756
Connection bar 940

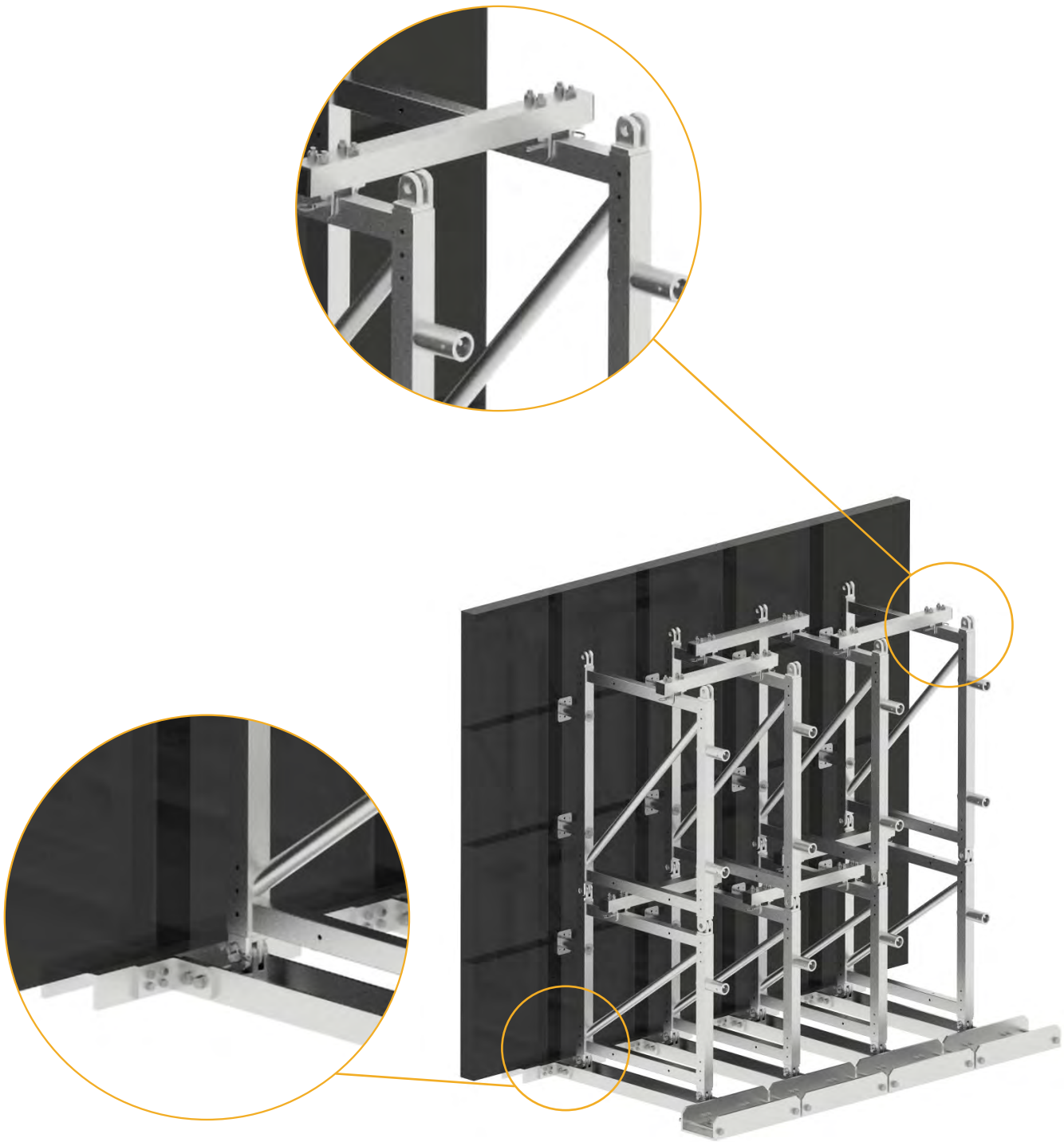


LT 9- SASSL-755
Connection bar 490

LT 9- SASSL-754
Connection bar 498

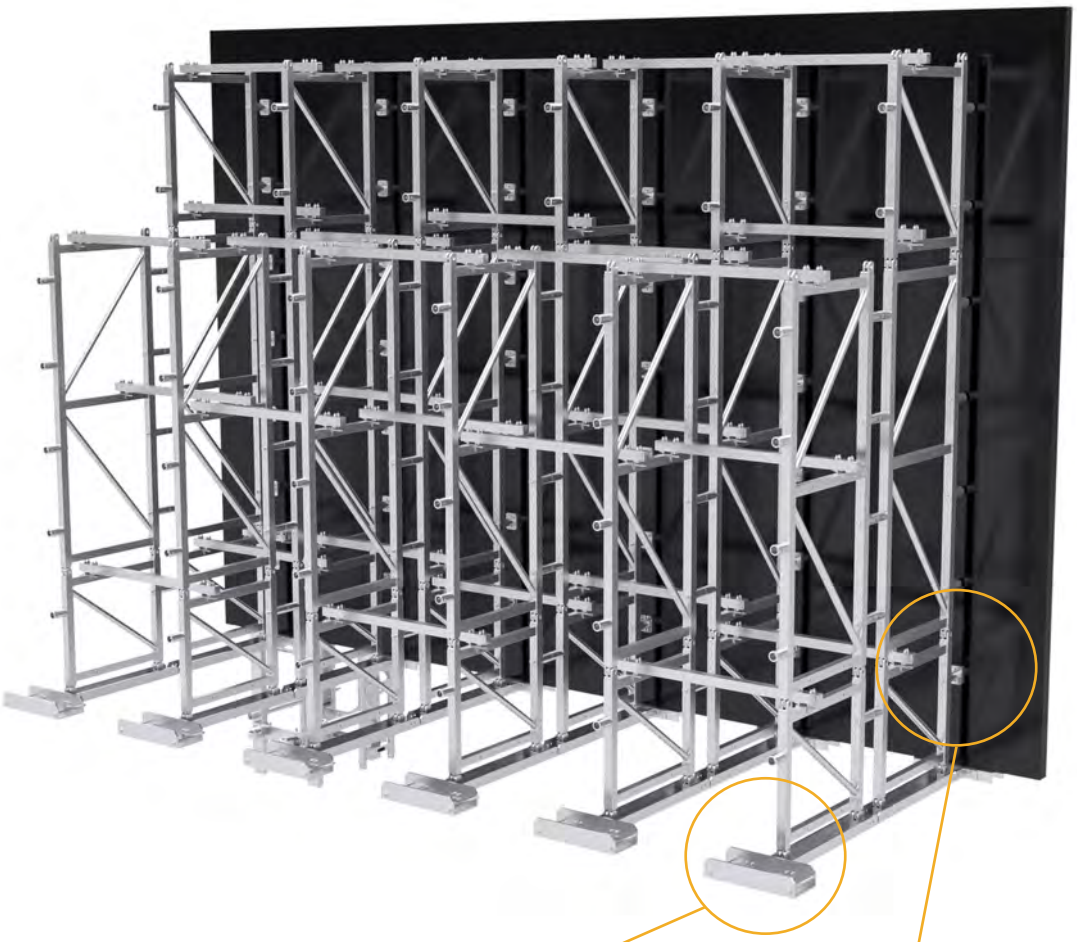
L-Wall

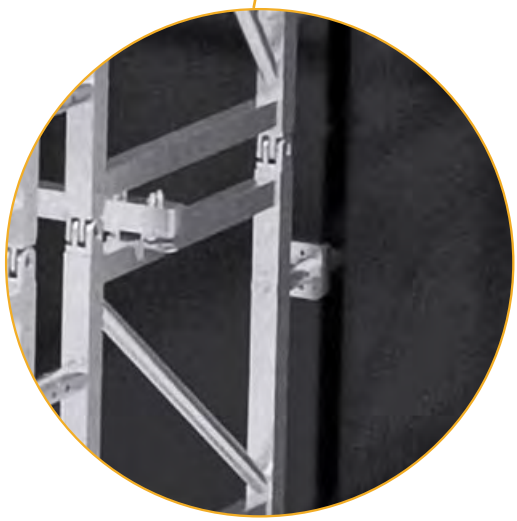
System 50 cm. Frame step



L-Wall

System 100 cm. Frame step





Roof Systems

Synthesis

LITEC has always been a forerunner in the search for safe and high-performance roof systems. The solutions available are numerous both for dimensions and typologies; from the smallest and lightest to the biggest thought for high load bearing capacity on wide spans.
Easy to build, these structures consist almost entirely of standard components. They are equipped with self-extinguishing roofing sheets, wind bracing kits and ballast accessories.

LIBERA STAR Trusses Roof Systems

LIBERA FL52 Single Pitch 14x12 m
LIBERA FL52 Double Pitch 14x12 m
LIBERA FL76 Single Pitch 15x13 m
Alusfera 1.0 16x8 m
LIBERA FL52 Double Pitch 16x12 m
LIBERA FL76 Single Pitch 17x13 m
LIBERA FL76 Double Pitch 17x13 m
LIBERA FL76 Single Pitch 19x16 m
LIBERA FL76 Double Pitch 19x13 m
LIBERA FL105 Double Pitch 20x16 m
Alusfera 2.0 21.5x11.5 m
LIBERA Tunnel 22x19 m
LIBERA FL105 Double Pitch 24x16 m
Terrace Stand Roofing

END PLATED Trusses Roof Systems

Arc 6x4 m
Arc 8x6 m
Single Pitch 8x6 m
Double Pitch 8x6 m
Single Pitch 10x8 m
Double Pitch 10x8 m
Double Pitch 12x10 m

FORK Trusses Roof Systems

QL40A Single Pitch 14x10 m
QL52A Double Pitch 15x12 m
RL76A Double Pitch 18x16 m
RL76A Double Pitch 21x16 m
RL105A Double Pitch 21x16 m
RL105A Double Pitch 24x16 m
MyT Folding Steroid 33x20 m + 9 of PA

END PLATED Trusses
Roof Systems

Reliability

Easy to assemble, the LITEC roof systems use as many standard production parts as possible. The end-plated truss line stands out for its design, durability and reliability. The towers are the well known manual or motorized Towerlift and Varitower.

Thanks to their modularity, these roof systems may be expanded depthwise and fitted with lateral PA wings for hanging audio or video systems.

They are recommended both for temporary and permanent installations performing excellently even in high winds due to the restraining devices adopted and materials used.

Arc

6x4 m

Arc Roof Systems highlight the specifics of their components: the reliability and strength of end-plated trusses and the intuitive technical and constructive know-how of the custom-made parts. Easy to assemble, they use as many standard production parts as possible. Thanks to their modularity, they may be expanded depthwise to build long tunnels. They are recommended both for temporary and permanent installations. They are particularly suitable for tourist centres, public parks, squares and exhibition areas, even in town centres, given their visual impact.

The bases of arc roof systems can be fitted to ground plates. This accessory makes ballast weight positioning and staying operations easier.

Dimensions		6x4 m
Distributed Load considering wind pressure	→	3090 kg
Uniformly distributed load UDL*	→	3900 kg
Weight	→	410 kg
Transport volume	→	5.4 m^3
Covered area/storage volume ratio**	→	4.5
Towers	→	4 fixed legs
Trusses for lifter	→	QX30SA
Trusses for roof	→	QX30SA
Roofing sheet	→	Self-extinguishing Class 2 - 590 g/sqm

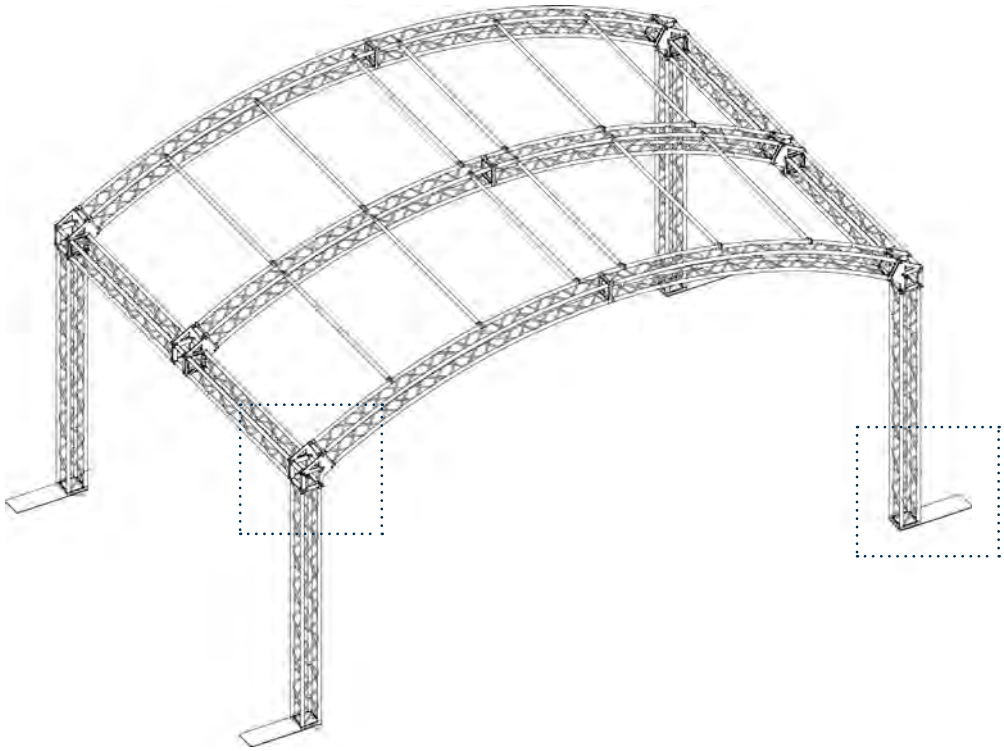
* Indicative loading data for use in environments without wind. For details and further information, please consult the technical specifications or contact our engineering department or distributors.

** This figure shows the ratio between the area covered by the assembled structure and the volume of the individual trusses used to build it. It is an efficiency figure useful in comparative analyses: transportability efficiency improves as the figure increases.

The examples and data shown on these pages are necessarily indicative owing to the extreme variability of the conditions in which the structures may be assembled. Each installation must be provided with a suitable quantity of ballast, as shown on the product certificates.

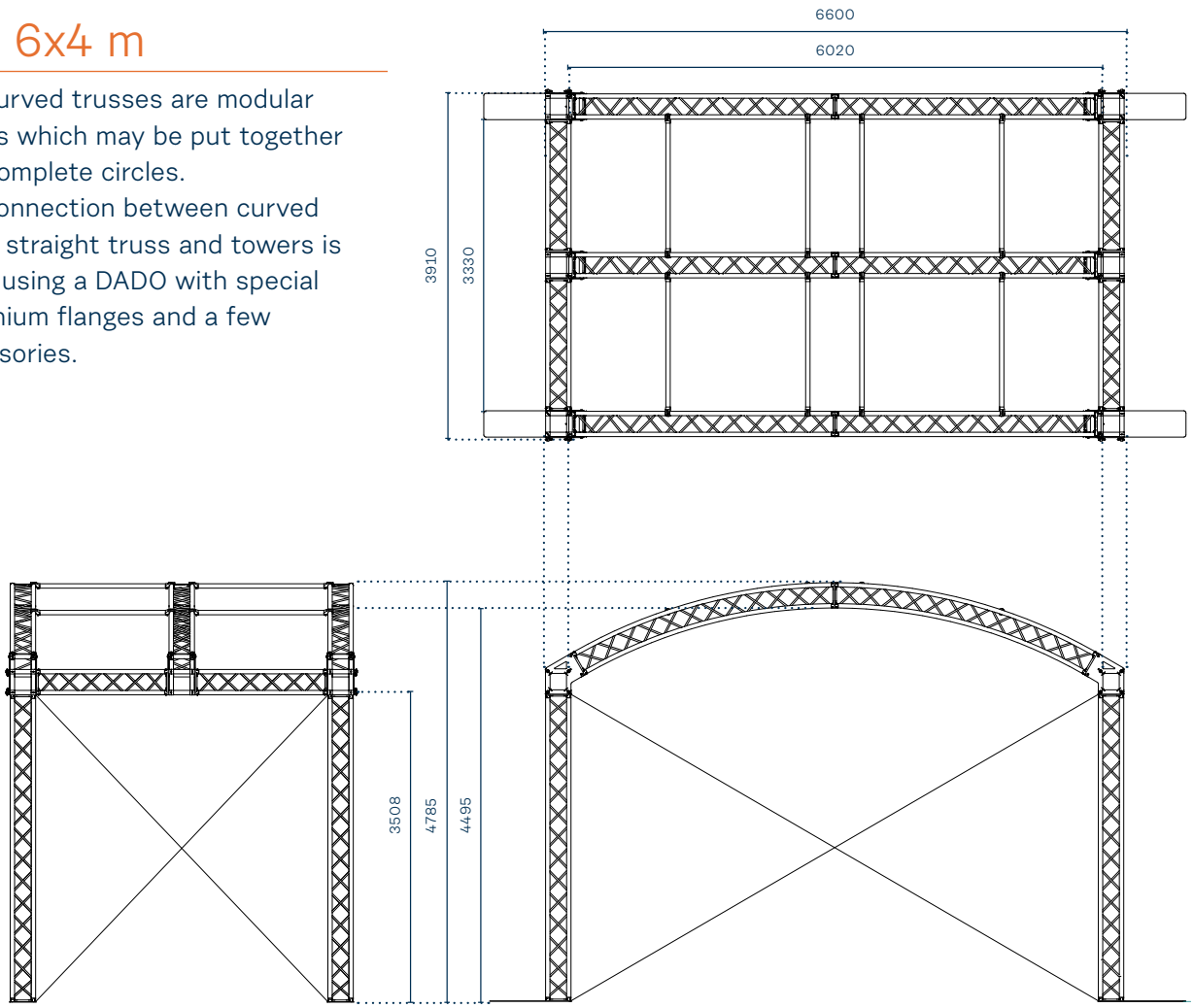
This line of structures was created in compliance with standards EN 1991 - Eurocode 1, EN 1999 Eurocode 9, EN 13814, EN 13782, DIN 4112, DIN 4113-1, DIN 4113-1/A1, DIN 4113-2.

Use of these systems is governed by laws which vary according to the country they are assembled in. They must be put together in compliance with the local regulations in force.



Arc 6x4 m

The curved trusses are modular arches which may be put together into complete circles.
The connection between curved truss, straight truss and towers is made using a DADO with special aluminium flanges and a few accessories.



Arc

8x6 m

Arc Roof Systems highlight the specifics of their components: the reliability and strength of end-plated trusses and the intuitive technical and constructive know-how of the custom-made parts. Easy to assemble, they use as many standard production parts as possible. Thanks to their modularity, they may be expanded depthwise to build long tunnels. They are recommended both for temporary and permanent installations. They are particularly suitable for tourist centres, public parks, squares and exhibition areas, even in town centres, given their visual impact.

The bases of arc roof systems can be fitted to ground plates. This accessory makes ballast weight positioning and staying operations easier.

Dimensions		8x6 m
Distributed Load considering wind pressure	→	2076 kg
Uniformly distributed load UDL*	→	2735 kg
Weight	→	455 kg
Transport volume	→	7.2 m^3
Covered area/storage volume ratio**	→	6.7
Towers	→	4 fixed legs
Trusses for lifter	→	QX30SA
Trusses for roof	→	QX30SA
Roofing sheet	→	Self-extinguishing Class 2 - 590 g/sqm

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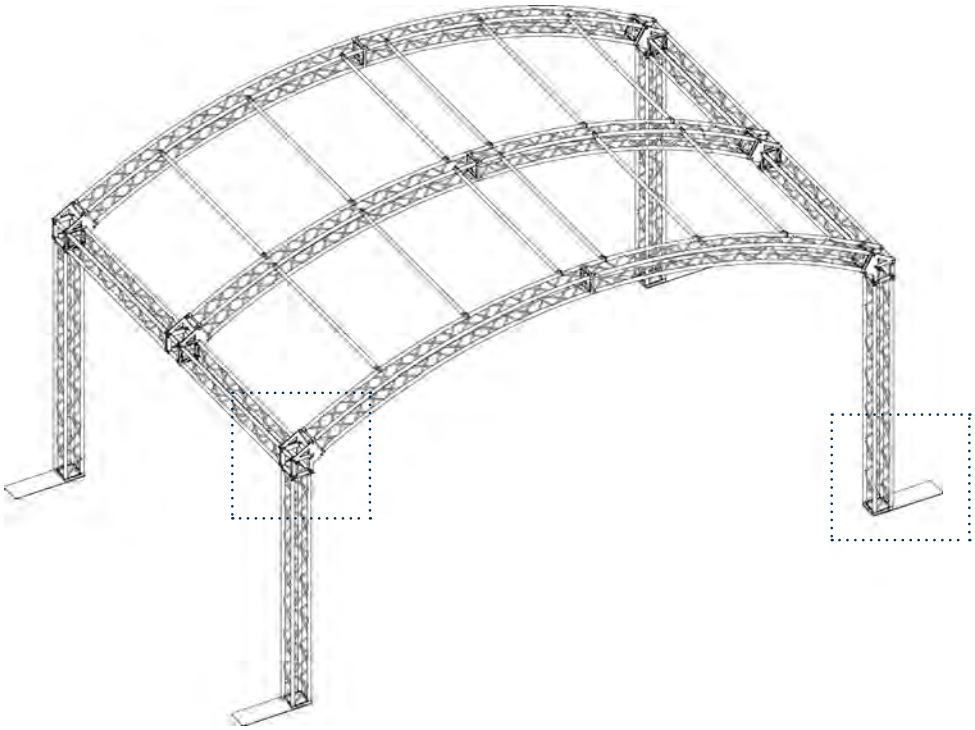
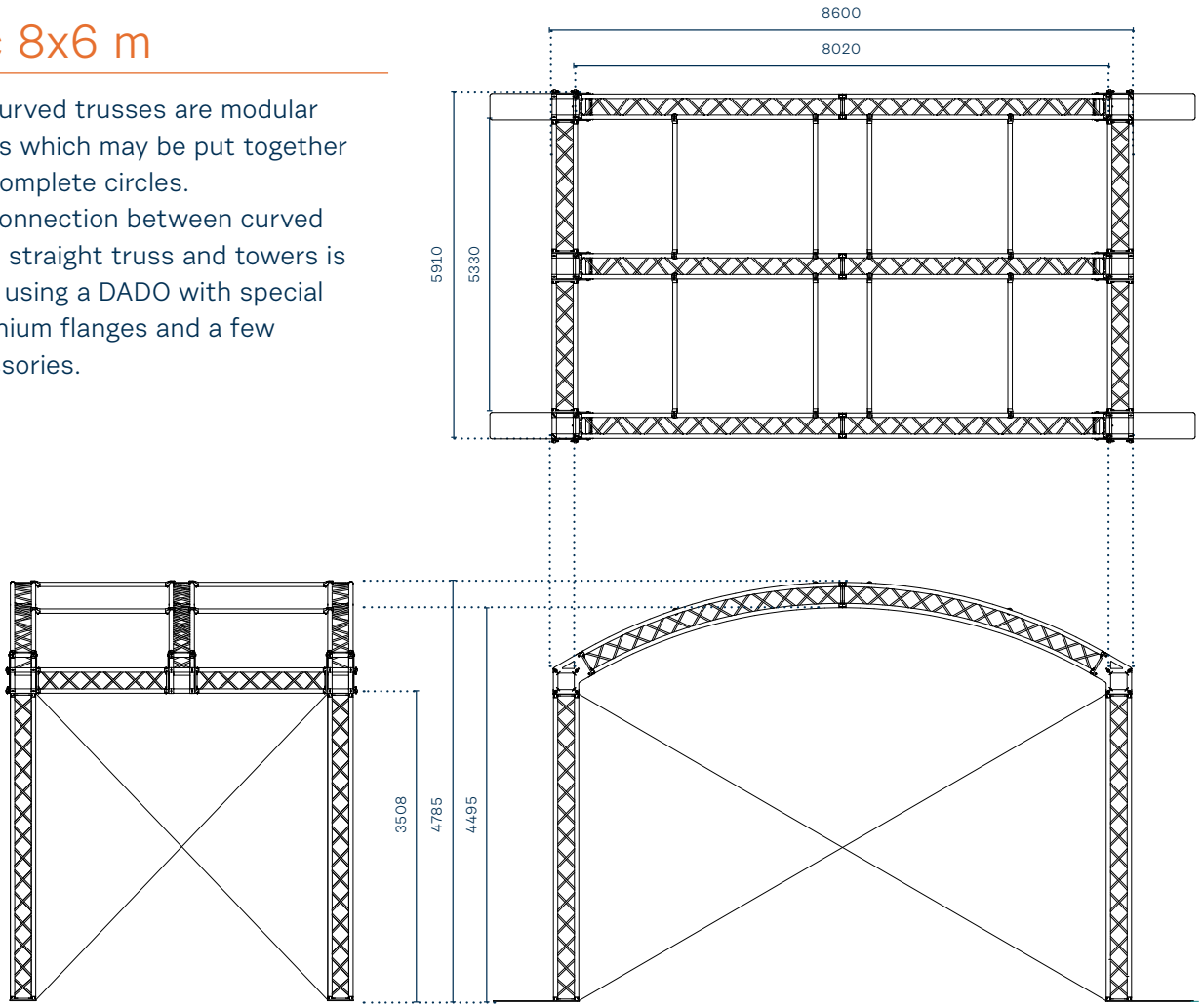


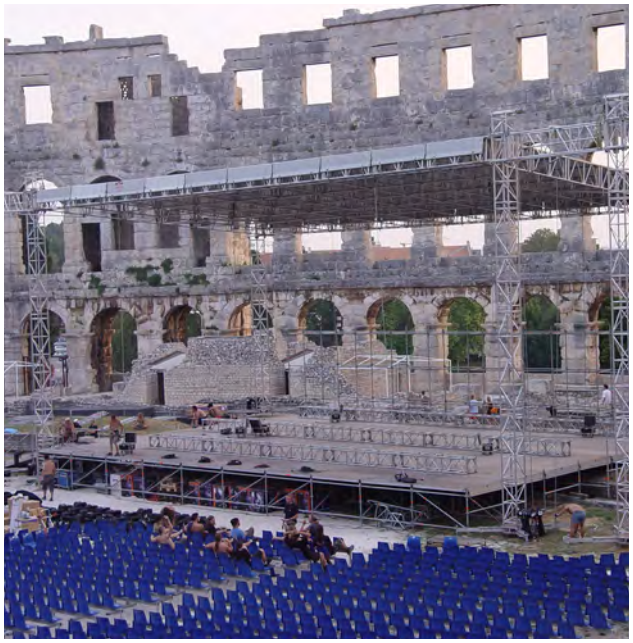
Arc 8x6 m

The curved trusses are modular arches which may be put together into complete circles.
The connection between curved truss, straight truss and towers is made using a DADO with special aluminium flanges and a few accessories.



Single Pitch

8x6 m



The 8x6 m dimensions makes it the perfect choice for your small to medium-sized events. Its use of QX30SA truss for the towers and QX40SA truss for the roof provide impressive capacity ratings, while ensuring safety and stability.

Dimensions		8x6 m
Uniformly distributed load UDL*	→	1620 kg
Towers	→	4x Towerlift 3
Trusses for lifter	→	QX30SA
Trusses for roof	→	QX40SA
Roffing sheet	→	Self-extinguishing Class 2 - 650 g/m^2

* Indicative loading data for use in environments without wind. For details and further information, please consult the technical specifications or contact our engineering department or distributors.

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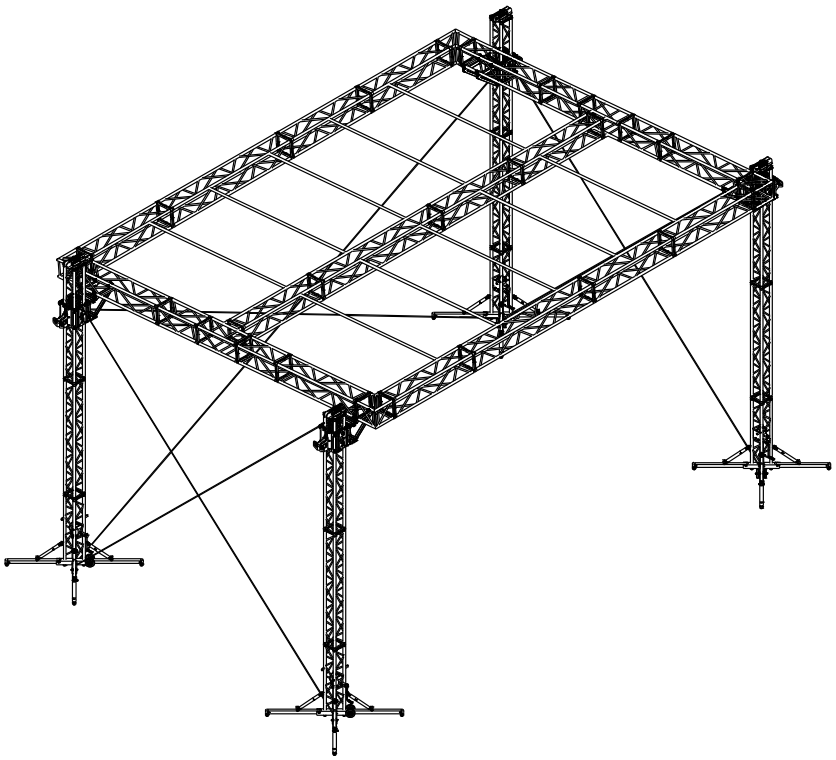
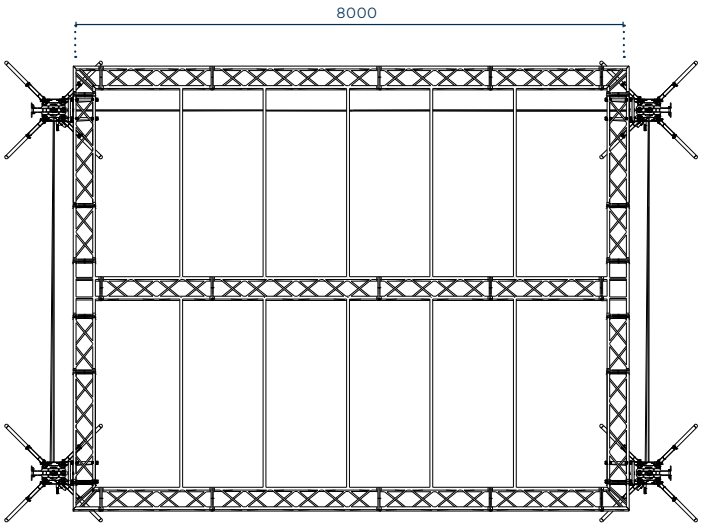
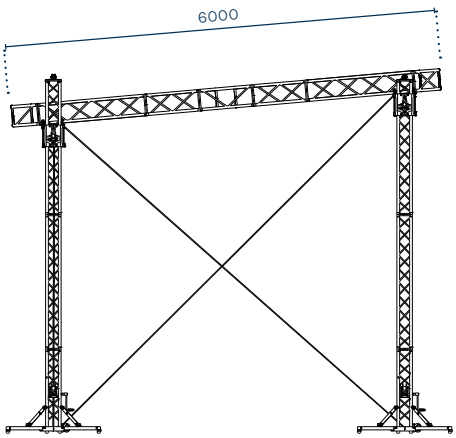
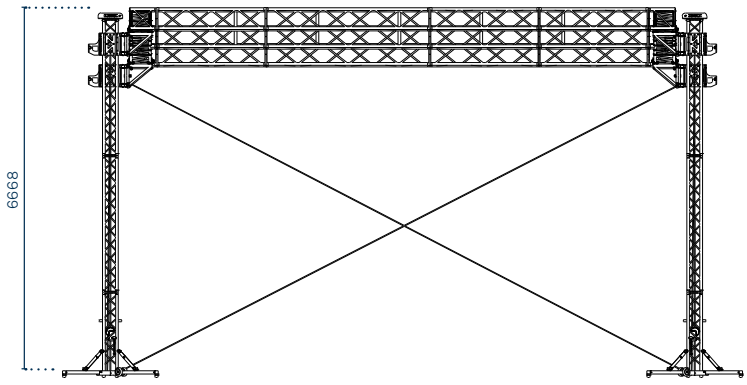


Single Pitch 8x6 m

Side extensions for suspensions outside the set may be added to the front.

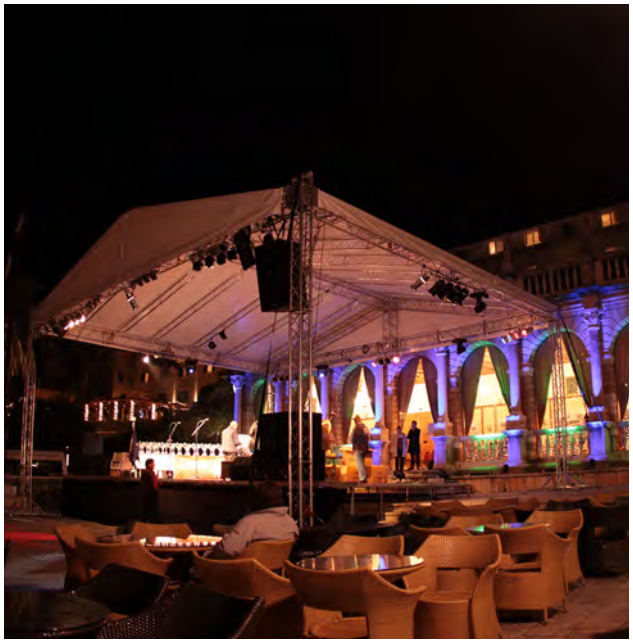






Double Pitch

8x6 m



Double-pitch roof systems are the result of the research of high performance and safe solutions. Roofing mounted on manual lifters, these structures may be assembled without electrical-driven parts. The lifter is the well-known Towerlift 3 and the whole system can be raised up to 6 metres above the ground. They can be fitted with lateral PA wings for hanging audio and video systems.

The standard roofing systems use two towers, the Towerlift 3 and the Varitower 3-30.
The carriage is the same on both towers and has upper posts for coupling to the roof lintel.

Dimensions

		8x6 m
Distributed Load considering wind pressure	→	4848 kg
Uniformly distributed load UDL*	→	6240 kg
Weight	→	1210 kg
Transport volume	→	15 m^3
Covered area/storage volume ratio**	→	3.2
Towers	→	4 x Towerlift 3
Trusses for lifter	→	QX30SA
Trusses for roof	→	QX40SA+FX30SA
Roofing sheet	→	Self-extinguishing Class 2 - 650 g/sqm

* Indicative loading data for use in environments without wind. For details and further information, please consult the technical specifications or contact our engineering department or distributors.

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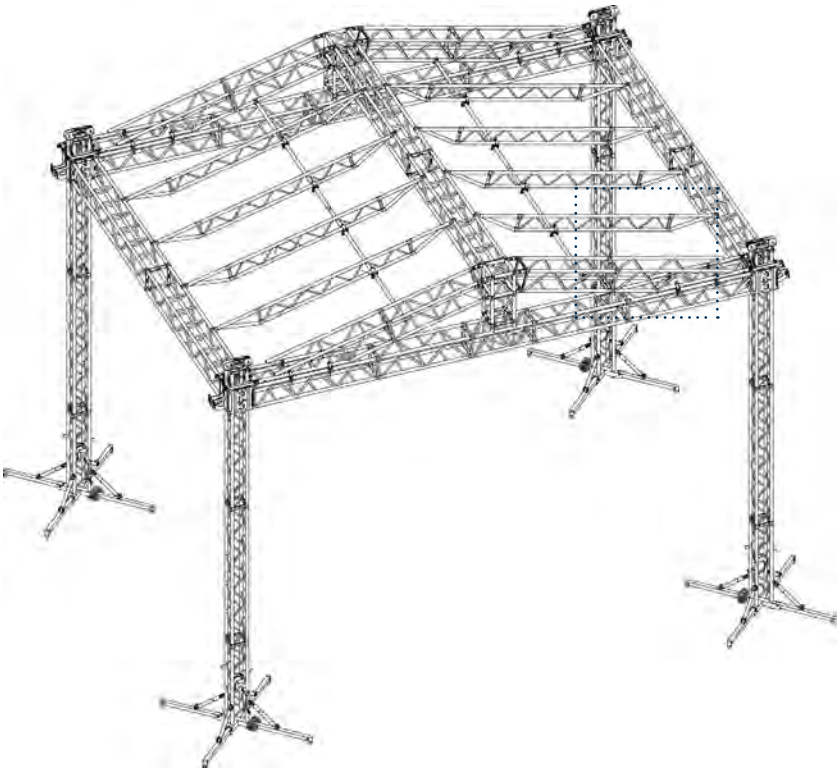
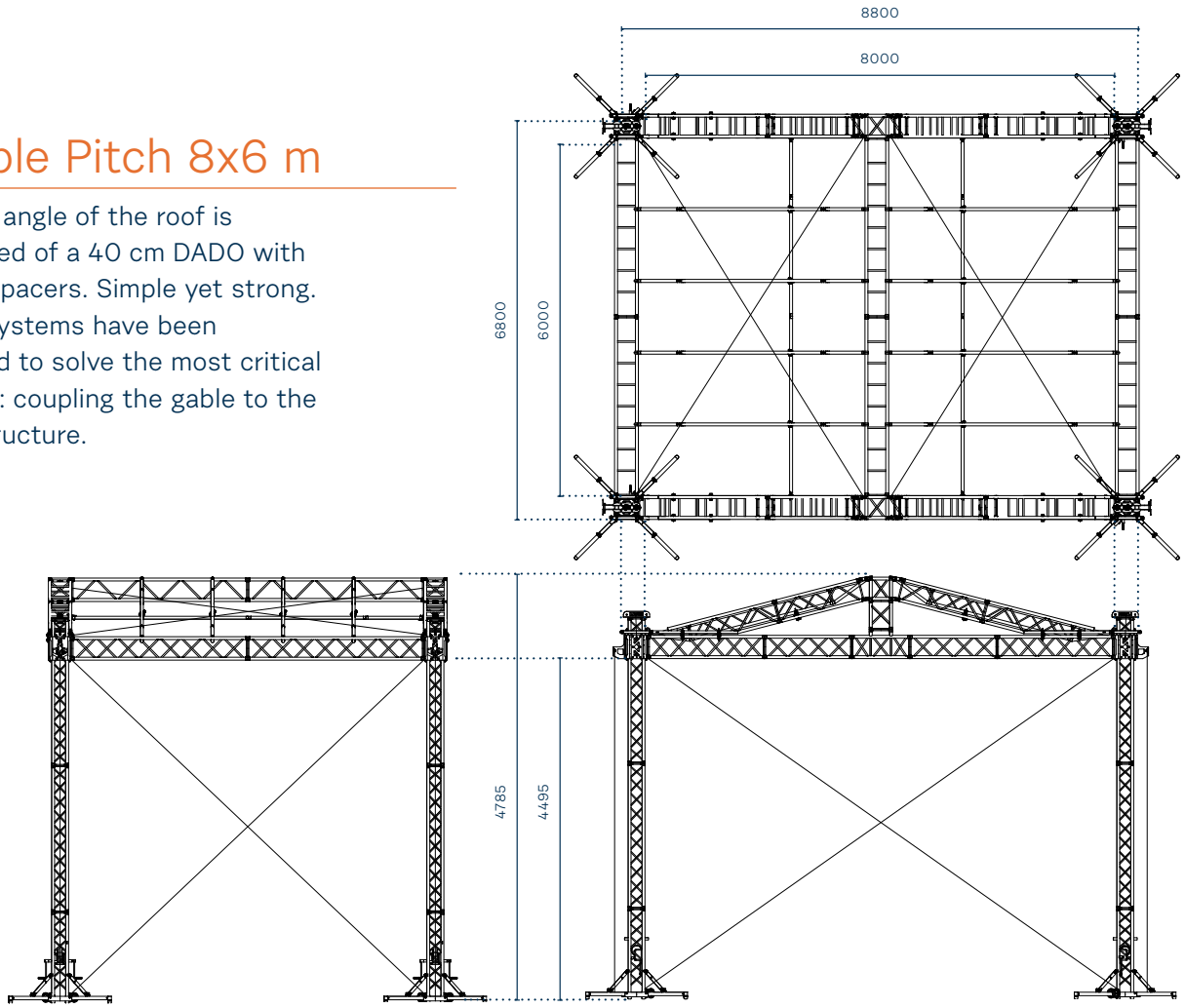


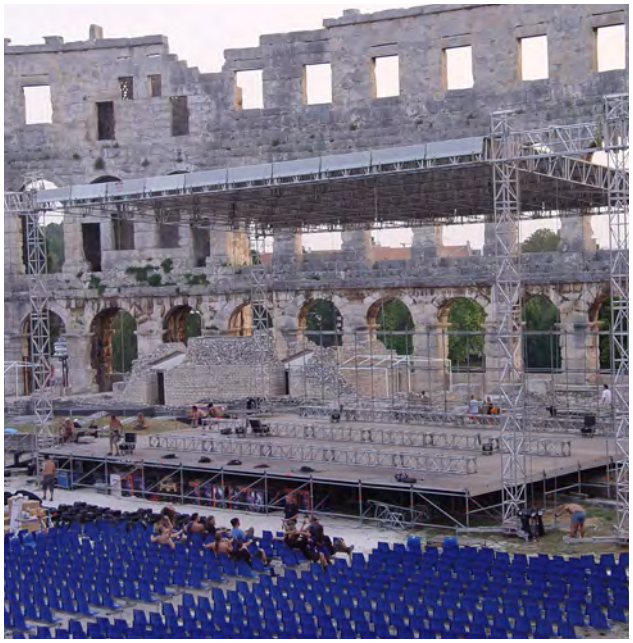
Double Pitch 8x6 m

The top angle of the roof is composed of a 40 cm DADO with forked spacers. Simple yet strong. These systems have been designed to solve the most critical problem: coupling the gable to the base structure.



Single Pitch

10x8 m



Designed for small to medium events, the single pitch 10x8 m roof covers your needs perfectly. The use of QX30SA truss for the towers and Qx40SA truss for the roof provide a safe and sturdy structure that handles your more demanding loads.

Dimensions

		10x8 m
Uniformly distributed load UDL*	→	1240 kg
Towers	→	4x Towerlift 3
Trusses for lifter	→	QX30SA
Trusses for roof	→	QX40SA
Roffing sheet	→	Self-extinguishing Class 2 - 650 g/m^2

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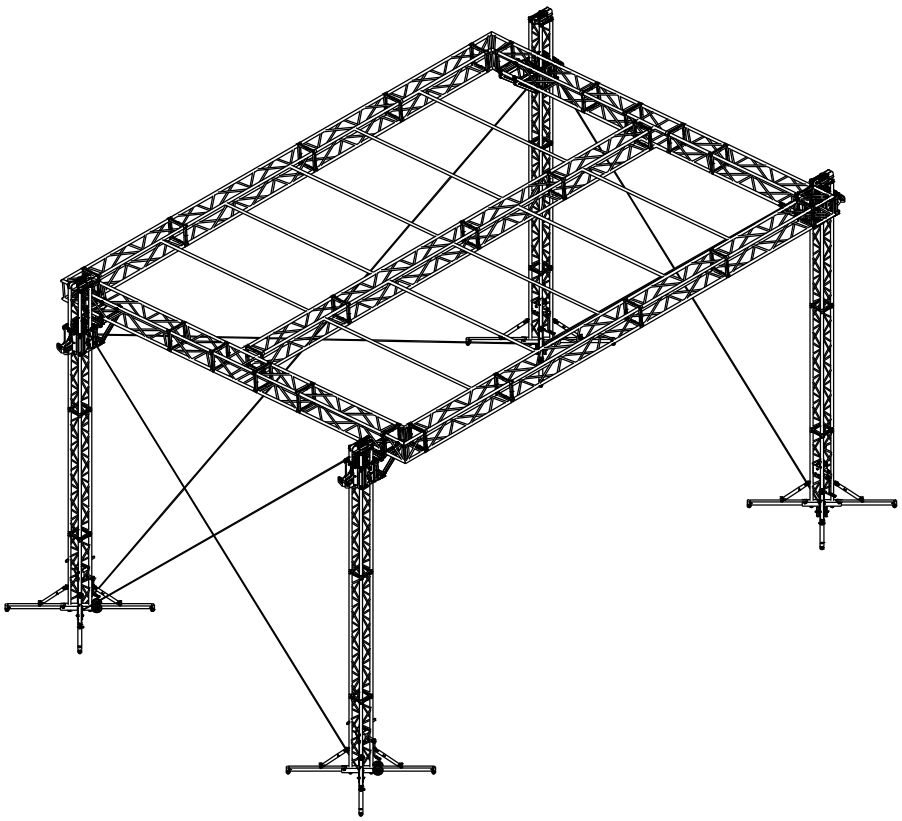
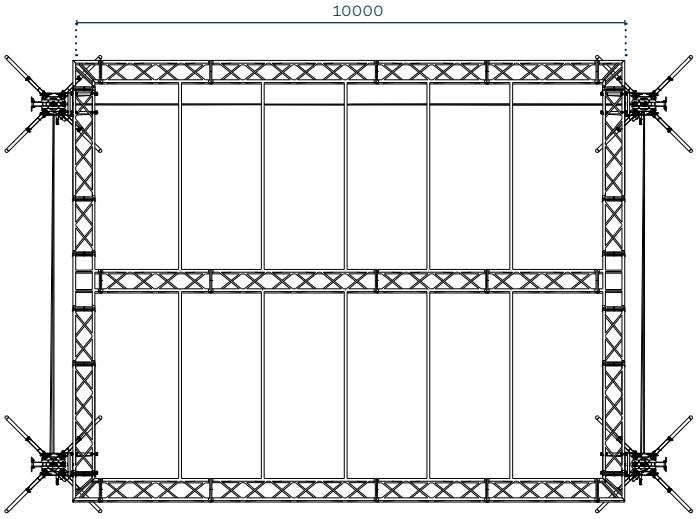
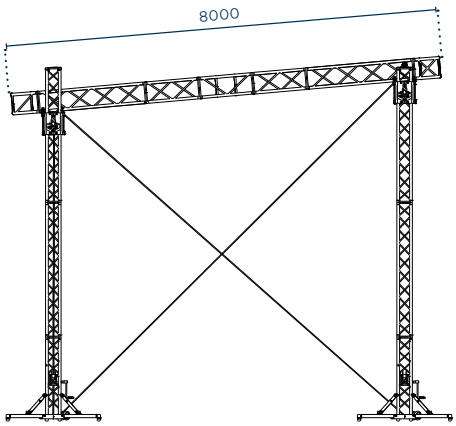
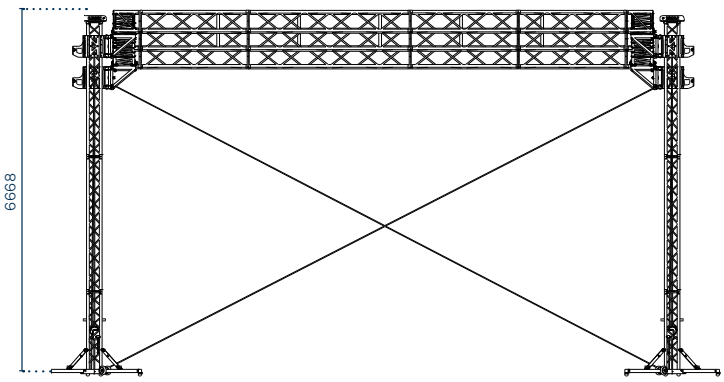


Single Pitch 10x8 m

Side extensions for suspensions outside the set may be added to the front.







Double Pitch

10x8 m

Double-pitch roof systems are the result of the research of high performance and safe solutions. Roofing mounted on manual lifters, these structures may be assembled without electrical-driven parts. The lifter is the well-known Towerlift 3 and the whole system can be raised up to 6 metres above the ground. They can be fitted with lateral PA wings for hanging audio and video systems.

The standard roofing systems use two towers, the Towerlift 3 and the Varitower 3-30.
The carriage is the same on both towers and has upper posts for coupling to the roof lintel.

Dimensions

		10x8 m
Distributed Load considering wind pressure	→	3552 kg
Uniformly distributed load UDL*	→	4800 kg
Weight	→	1424 kg
Transport volume	→	18 m^3
Covered area/storage volume ratio**	→	4.5
Towers	→	4 x Towerlift 3
Trusses for lifter	→	QX30SA
Trusses for roof	→	QX40SA+FX30SA
Roofing sheet	→	Self-extinguishing Class 2 - 650 g/sqm

* Indicative loading data for use in environments without wind. For details and further information, please consult the technical specifications or contact our engineering department or distributors.

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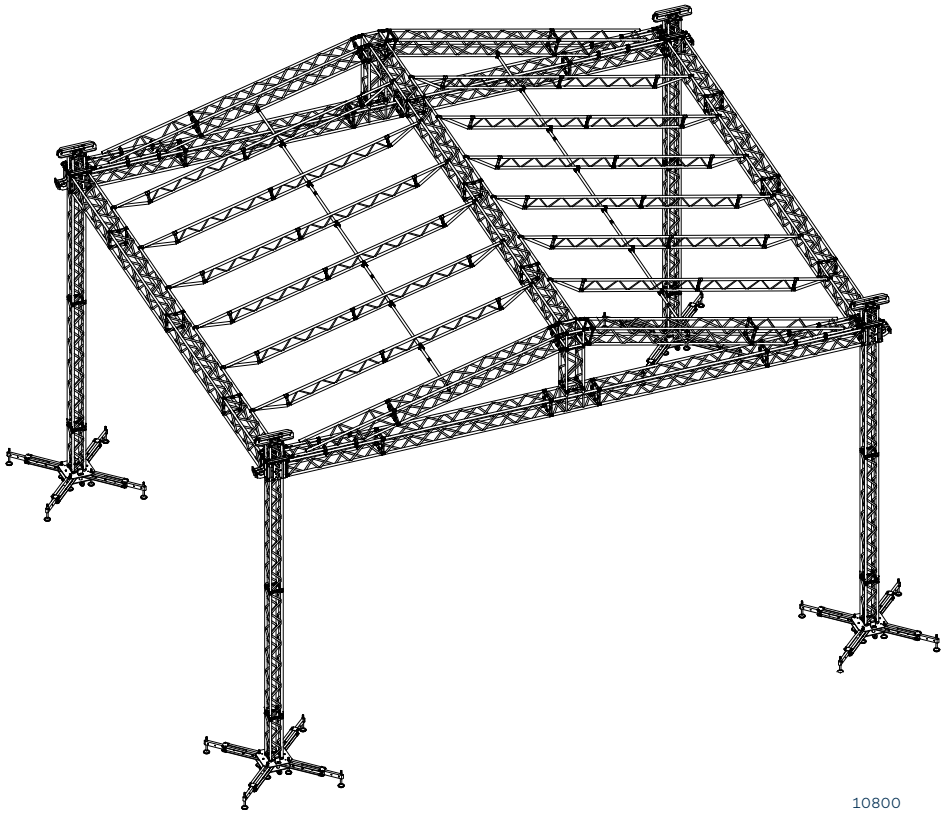
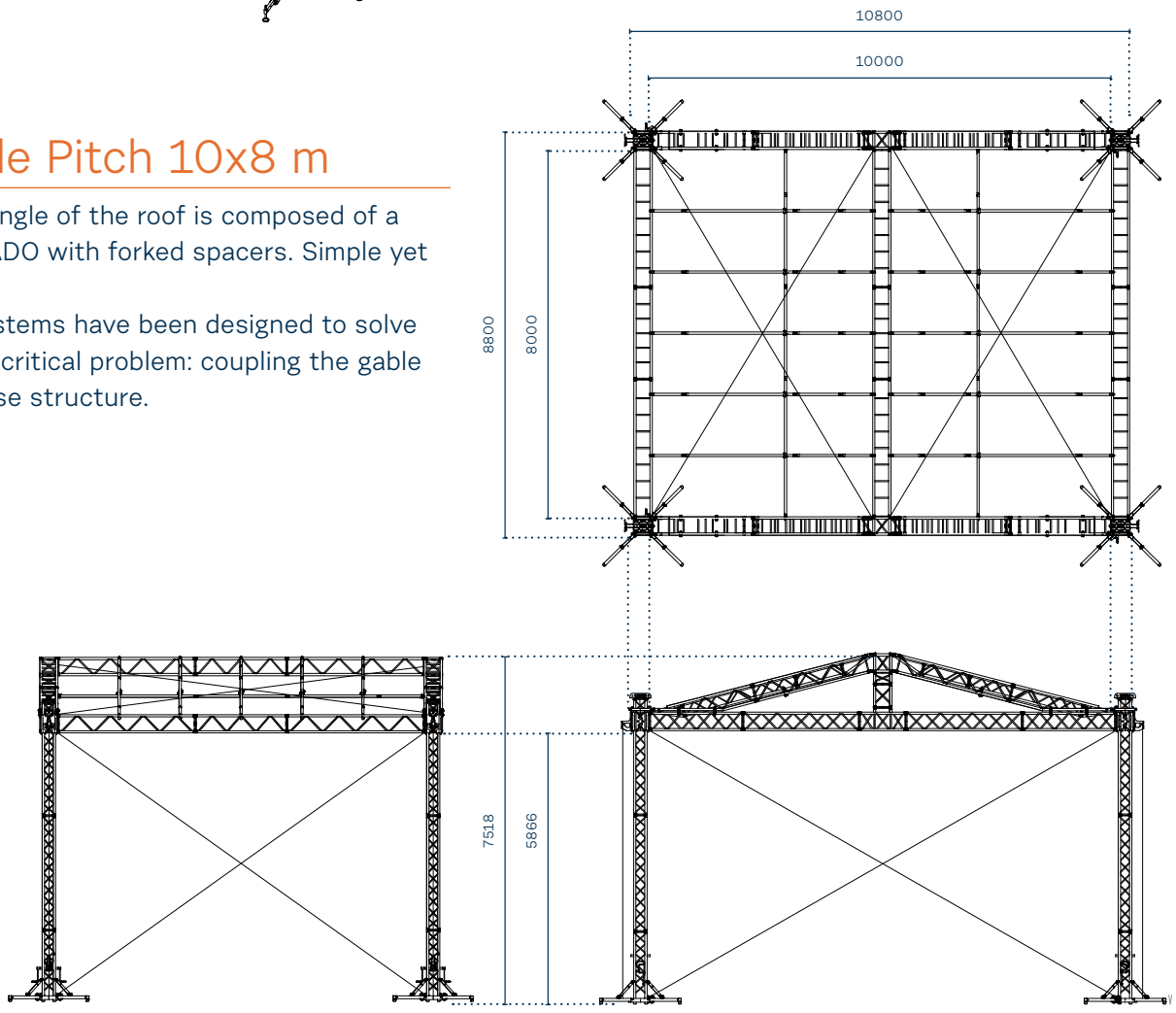


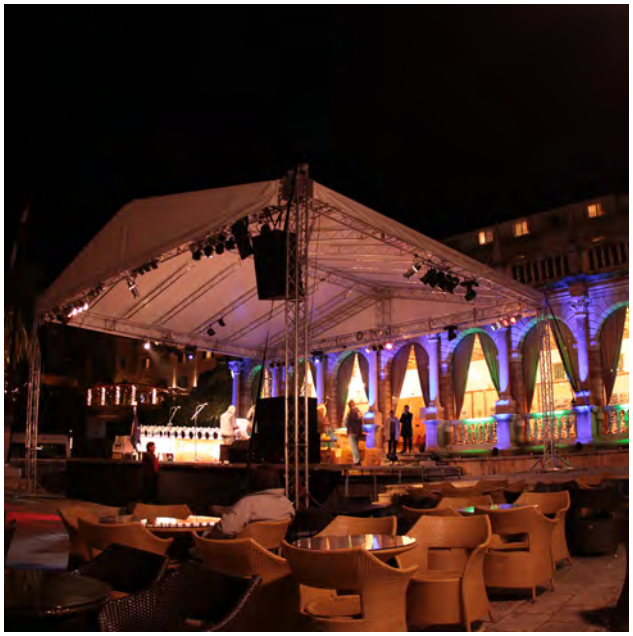
Double Pitch 10x8 m

The top angle of the roof is composed of a 40 cm DADO with forked spacers. Simple yet strong.
These systems have been designed to solve the most critical problem: coupling the gable to the base structure.



Double Pitch

12x10 m



This structure for professional use has considerable dimensions and performance. Every detail has been determined following the highest safety standards required for applications at this level.
Thanks to the restraining devices adopted and materials used, this system performs excellently even in high winds. It is mounted on Varitower 3 lifters assembled for lifting with chain hoists.
Double-pitch roof systems can be fitted with lateral PA wings for hanging audio or video systems.

Thanks to the restraining devices adopted and materials used, these systems perform excellently even in high winds.

Dimensions		12x10 m
Distributed Load considering wind pressure	→	3252 kg
Uniformly distributed load UDL*	→	6944 kg
Weight	→	2600 kg
Transport volume	→	24.7 m^3
Covered area/storage volume ratio**	→	4.8
Towers	→	4 x Varitower 3
Trusses for lifter	→	QH30SA
Trusses for roof	→	QH40SA+FX30SA
Roofing sheet	→	Self-extinguishing Class 2 - 650 g/sqm

* Indicative loading data for use in environments without wind. For details and further information, please consult the technical specifications or contact our engineering department or distributors.

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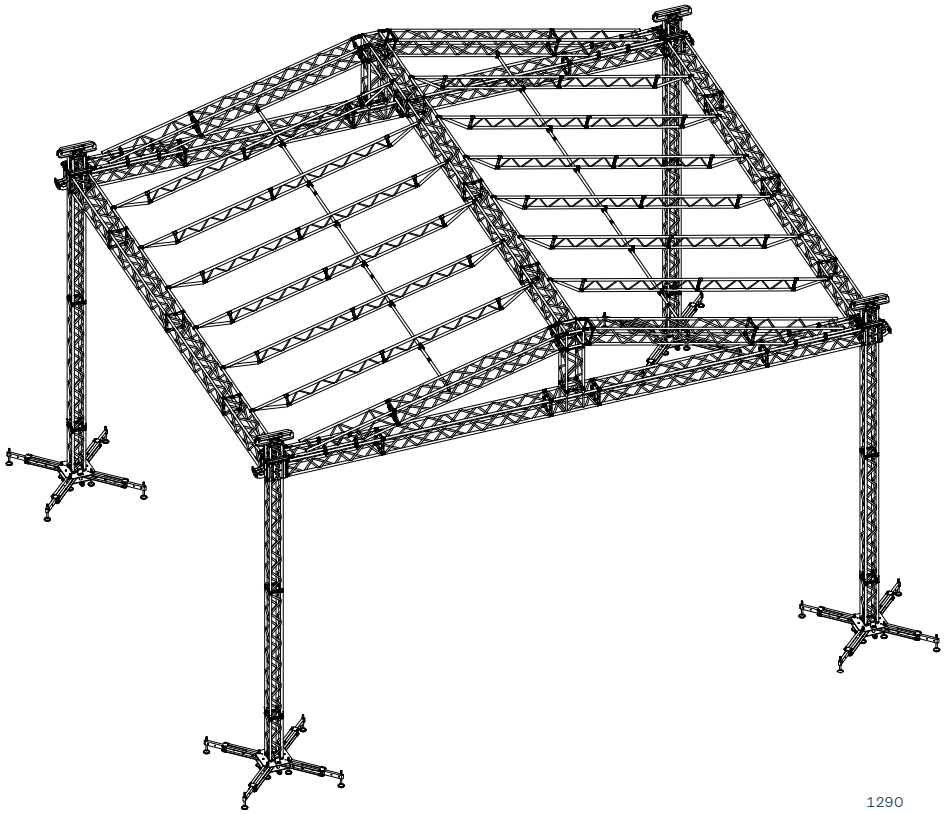
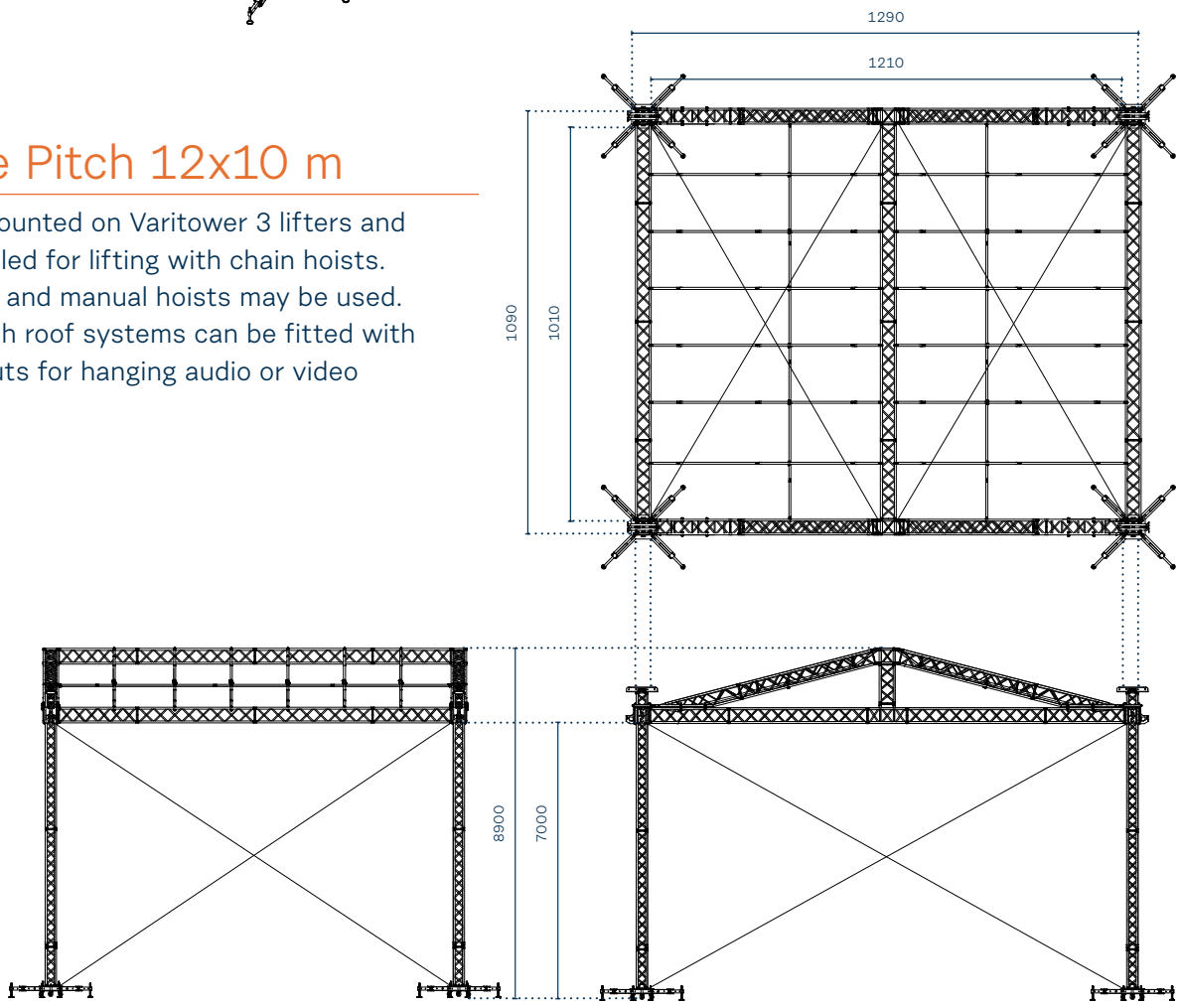


Double Pitch 12x10 m

They are mounted on Varitower 3 lifters and are assembled for lifting with chain hoists. Both motor and manual hoists may be used. Double-pitch roof systems can be fitted with lateral flyouts for hanging audio or video systems.



LIBERA STAR Trusses
Roof Systems

Infinity, in a few cubic meters

LIBERA is an open structural system. It is the only flat aluminium beam system in the world that can easily be used to create and build load-bearing structures in a virtually infinite number of shapes.

LIBERA roof systems consist of Maxitowers and a LIBERA grid structure.

LIBERA is made of “constant” elements, FL52, FL76 and FL105 flat beams, and “variable” elements which make it extremely versatile. Not just straight: LIBERA can be “bent” and used to create rounded components simply by adding small accessories to normal trusses.

LIBERA FL52

Single Pitch 14x12 m

LIBERA is an open structural system.
Roof systems in LIBERA 52 consist of Maxitowers and a LIBERA FL52 grid structure.
The actual span can reach 16 metres, to which side wings may be added.

Dimensions		14x12 m
Heights range*	→	from 6 to 9 m
Main truss	→	LIBERA FL52
Towers	→	4 x Varitower 3-40
Uniformly distributed load UDL **	→	5000 kg ≈
Chain hoists	→	1000 kg
Total weight	→	3670 kg
Volume	→	22 m^3
Set-up time & number of workers	→	4 hrs / 4 w

* Range suggested according to the dimensions of the roof system.

** Indicative loading data for use in environments without wind. For details and further information, please consult the technical specifications or contact our engineering department or distributors.

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This line of structures was created in compliance with European standards.

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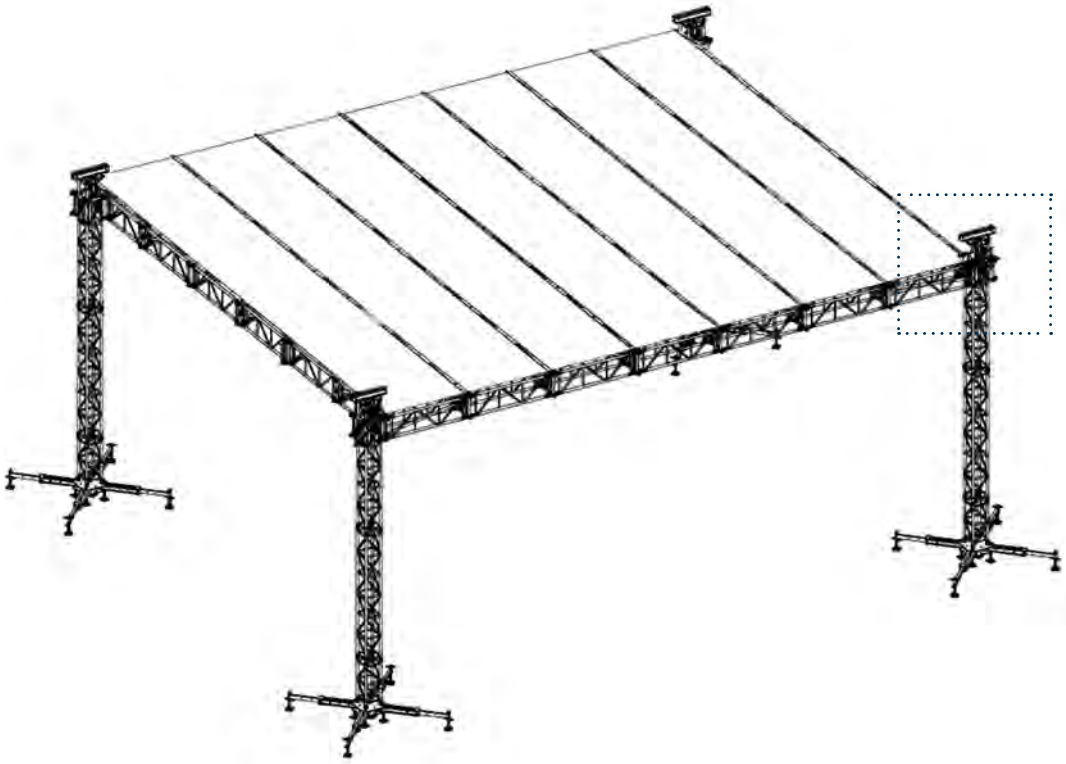
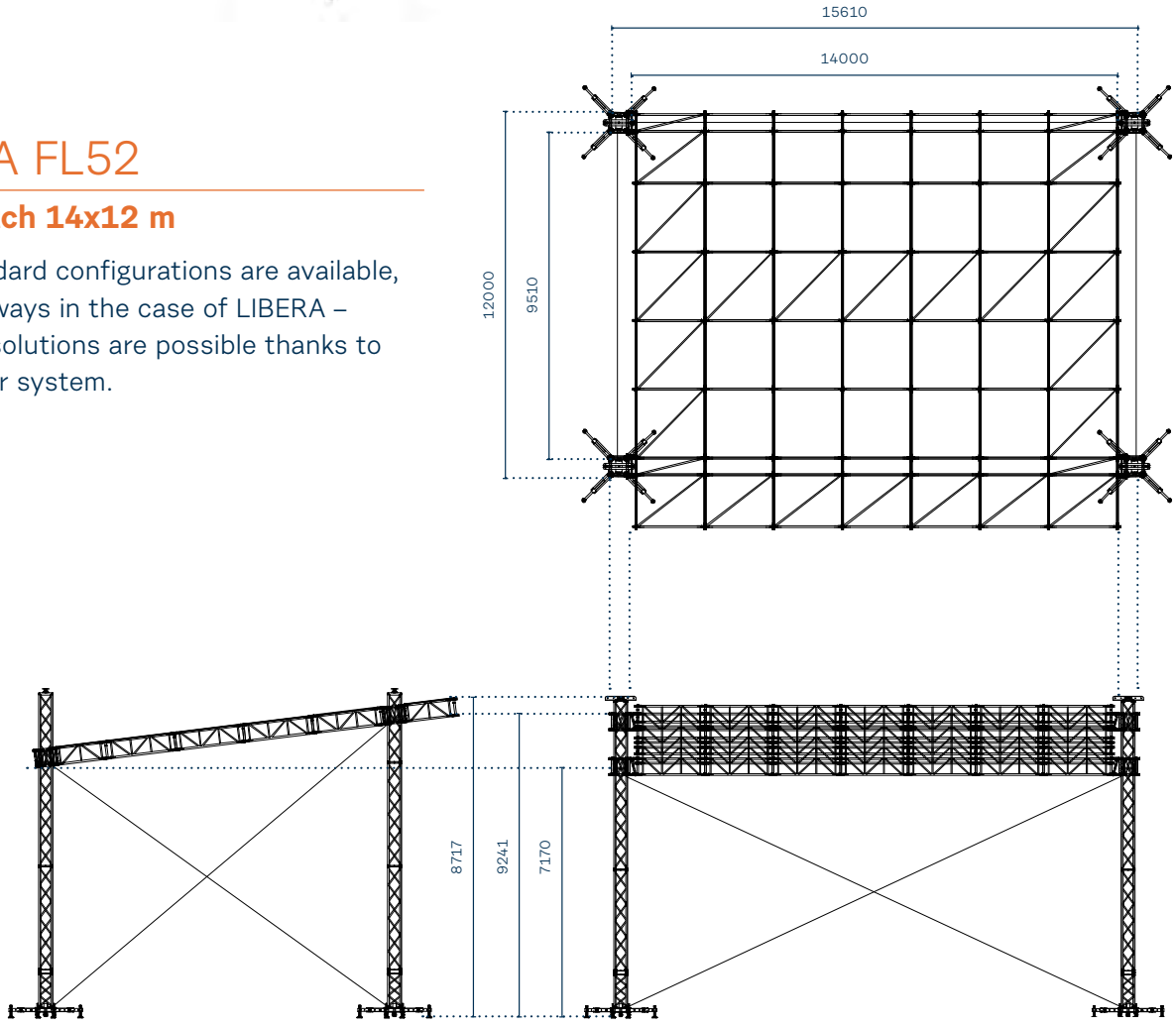


LIBERA FL52

Single Pitch 14x12 m

Some standard configurations are available, but – as always in the case of LIBERA – countless solutions are possible thanks to the modular system.



LIBERA FL52

Double Pitch 14x12 m

LIBERA is an open structural system. Roof systems in LIBERA 52 consist of Maxitowers and a LIBERA FL52 grid structure.
The actual span can reach 16 metres, to which side wings may be added.

Dimensions		14x12 m
Heights range*	→	from 7 to 11 m
Main truss	→	LIBERA FL52
Towers	→	4 x Maxitower 40
Uniformly distributed load UDL **	→	5000 kg ≈
Chain hoists	→	1000 kg
Total weight	→	4765 kg
Volume	→	30 m^3
Set-up time & number of workers	→	4 hrs / 4 w

* Range suggested according to the dimensions of the roof system.

** Indicative loading data for use in environments without wind. For details and further information, please consult the technical specifications or contact our engineering department or distributors.

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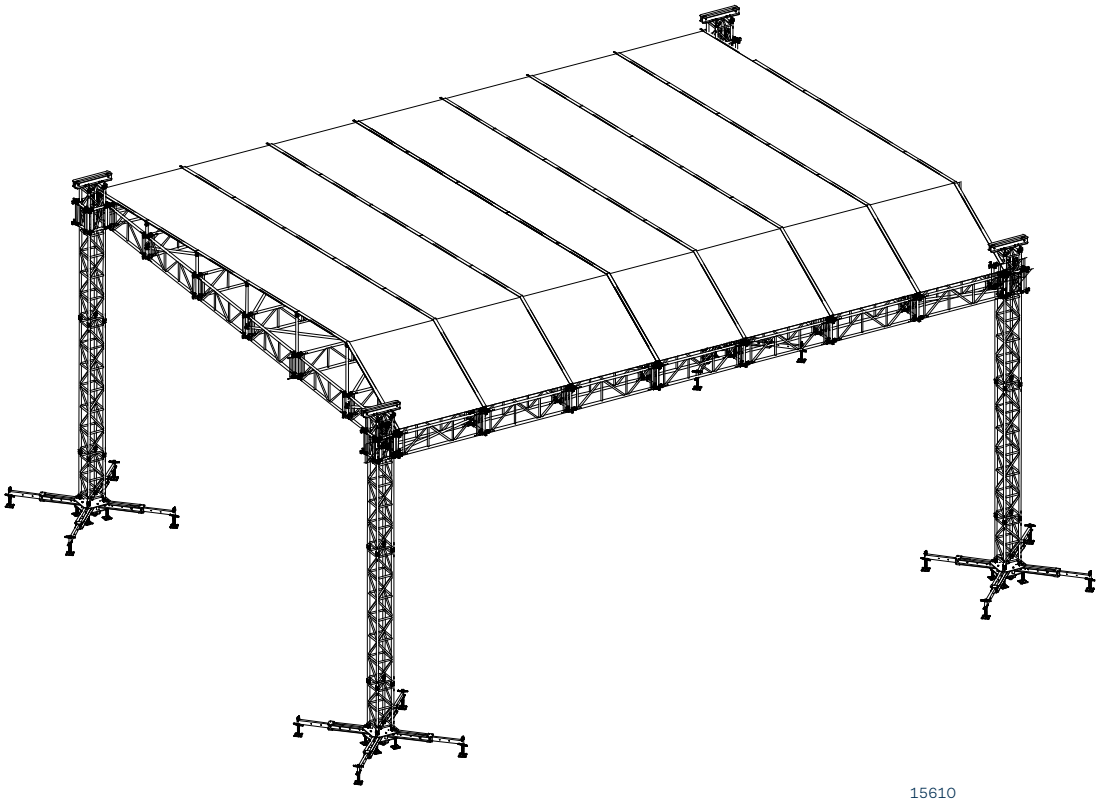
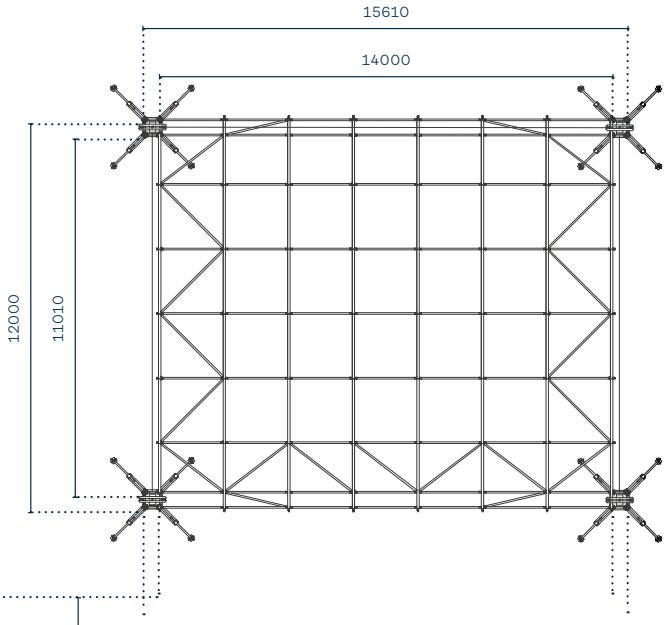
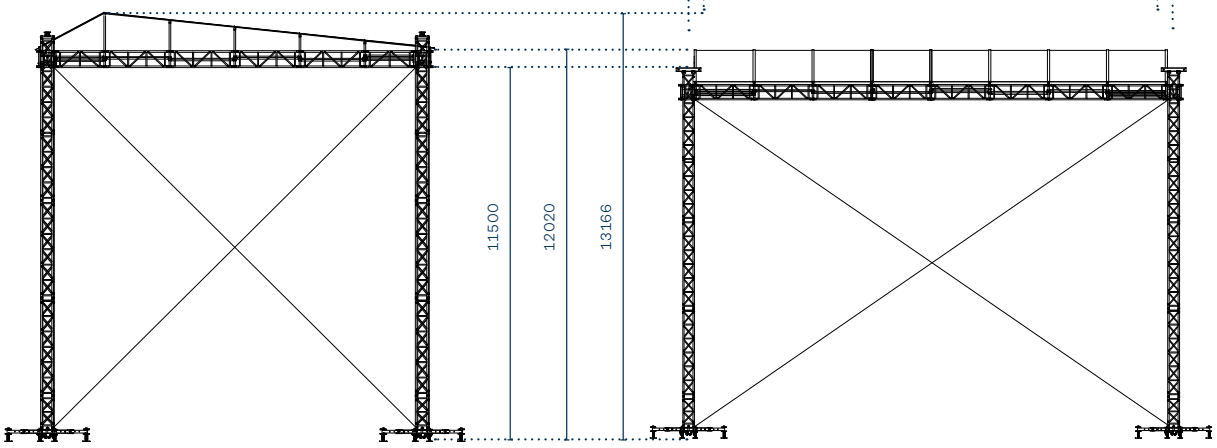


LIBERA FL52

Double Pitch 14x12 m

Some standard configurations are available, but – as always in the case of LIBERA – countless solutions are possible thanks to the modular system.





LIBERA FL76

Single Pitch 15x13 m

LIBERA is an open structural system.
Roof systems in LIBERA 76 consist of Maxitowers and a LIBERA FL76 grid structure.
With the single-pitch roof, the upper grid structure consists of trusses with built-in LIBERA FL76R roofing sheet guides.

Dimensions		15x13 m
Heights range*	→	from 8 to 14 m
Main truss	→	LIBERA FL76
Towers	→	4 x Maxitower 52
Uniformly distributed load UDL **	→	5000 kg ≈
Chain hoists	→	1000-2000 kg
Total weight	→	4280 kg
Volume	→	33 m^3
Set-up time & number of workers	→	5 hrs / 4 w

* Range suggested according to the dimensions of the roof system.

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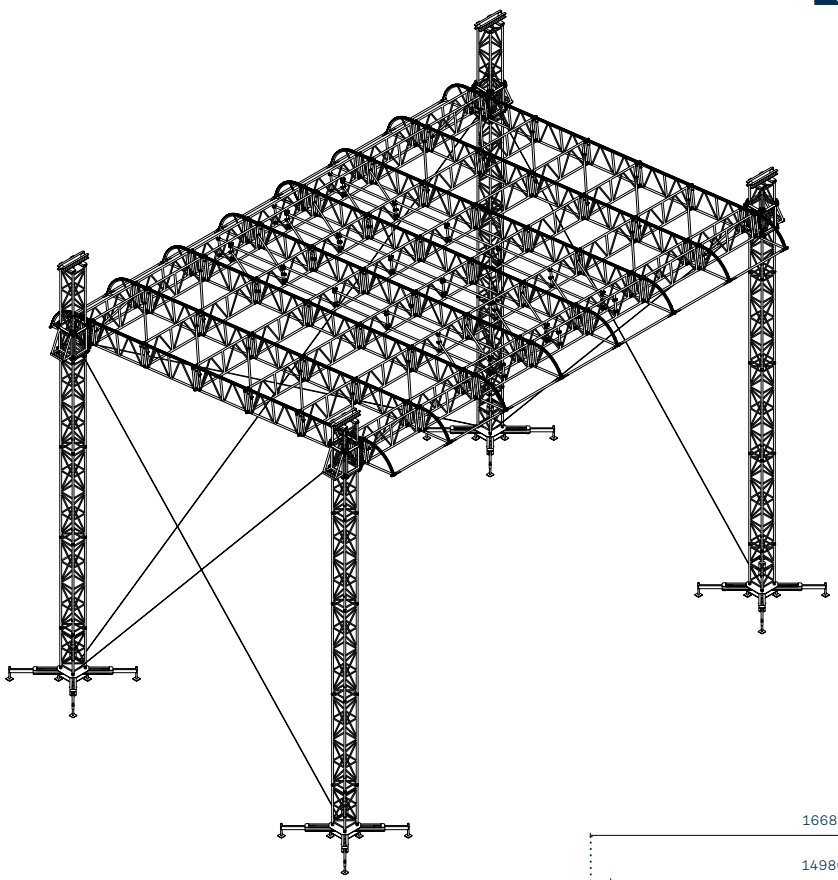
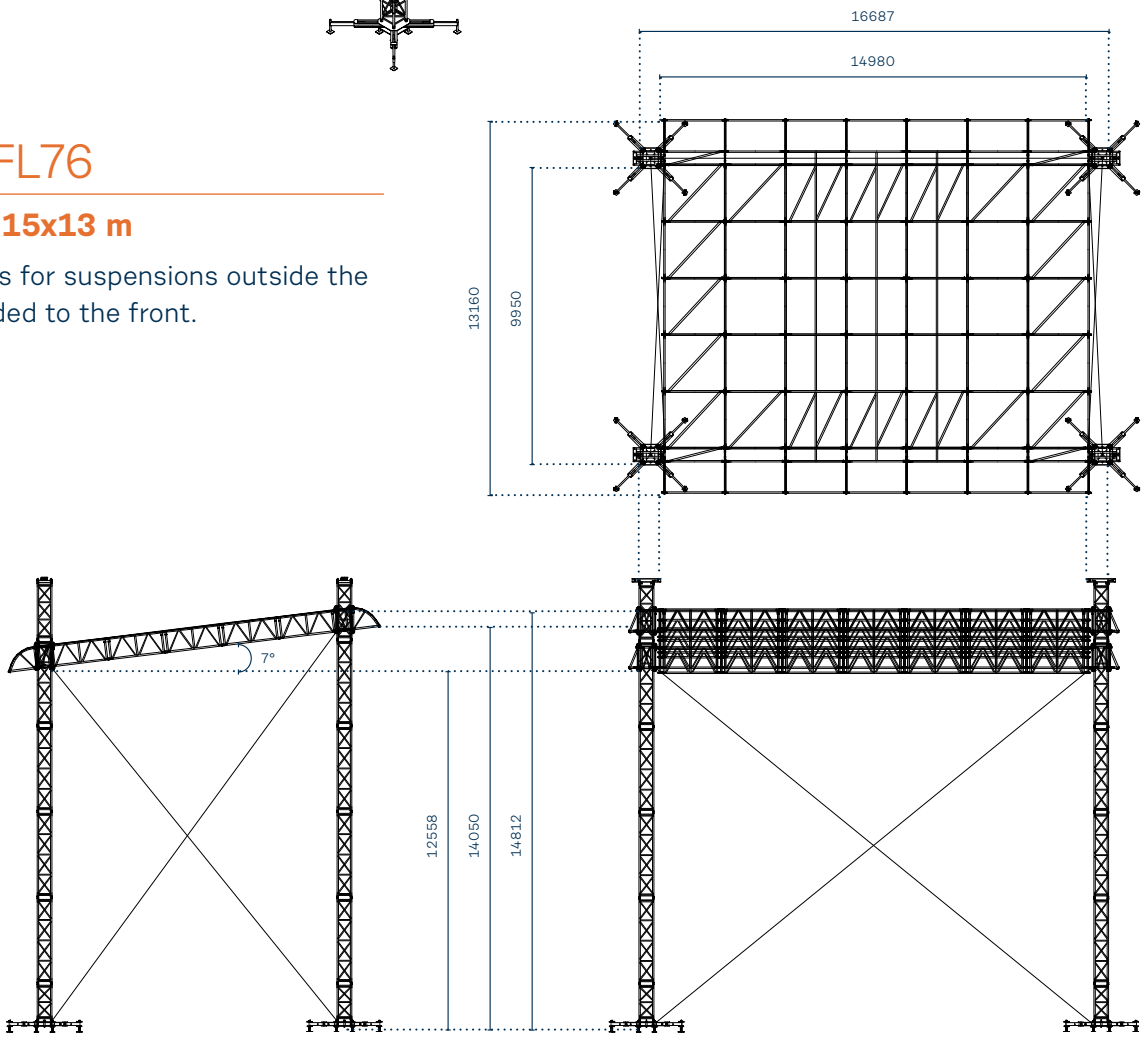


LIBERA FL76

Single Pitch 15x13 m

Side extensions for suspensions outside the set may be added to the front.



LIBERA Alusfera 1.0 16x8 m

Alusfera is another way of using LIBERA, again starting from standard components with the addition of a few special accessories. The horizontal roof of one configuration may become a quarter sphere in another to accommodate a whole stage, with the performance of a “real” stage, including large applied loads, large roofed areas, and very small transport volumes.

Dimensions		16x8 m
Heights range*	→	8 m
Main truss	→	LIBERA FL52
Towers	→	//
Uniformly distributed load UDL **	→	4500 kg ≈
Chain hoists	→	//
Total weight	→	2000 kg
Volume	→	11 m^3
Set-up time & number of workers	→	5 hrs / 4 w

* Height suggested according to the dimensions of the roof system.

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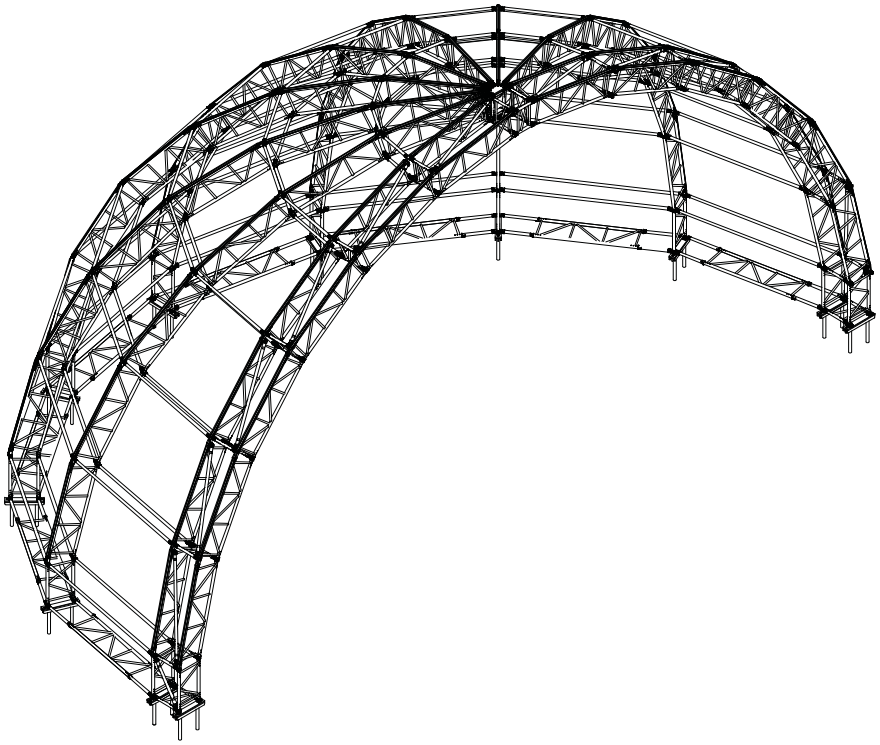
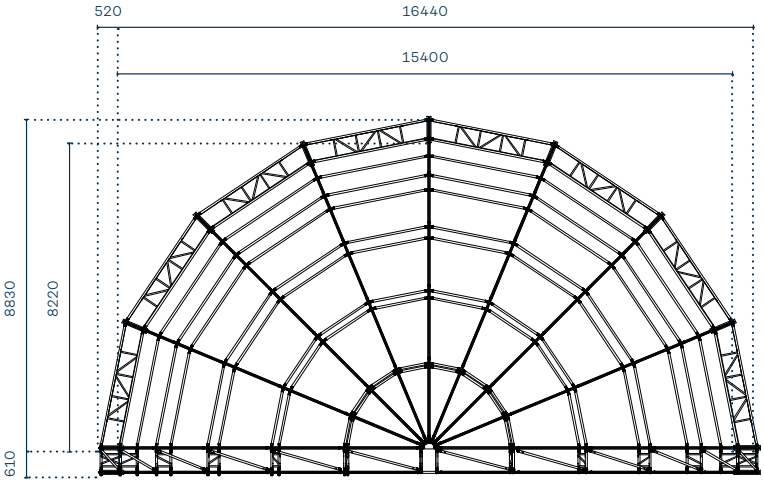
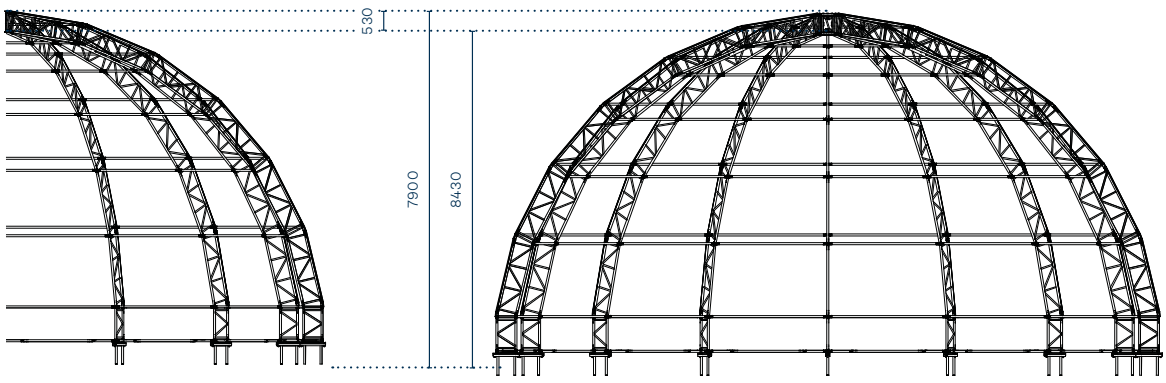


Alusfera 1.0 16x8 m

It is a very impressive structure that may be used purely as part of the scenery, even without roofing sheets.





LIBERA FL52

Double Pitch 16x12 m

LIBERA is an open structural system. Roof systems in LIBERA 52 consist of Maxitowers and a LIBERA FL52 grid structure. The actual span can reach 16 metres, to which side wings may be added.

Dimensions		16x12 m
Heights range*	→	from 7 to 11 m
Main truss	→	LIBERA FL52
Towers	→	4 x Maxitower 40
Uniformly distributed load UDL **	→	4500 kg ≈
Chain hoists	→	1000 kg
Total weight	→	5075 kg
Volume	→	31 m^3
Set-up time & number of workers	→	4 hrs / 4 w

* Height suggested according to the dimensions of the roof system.

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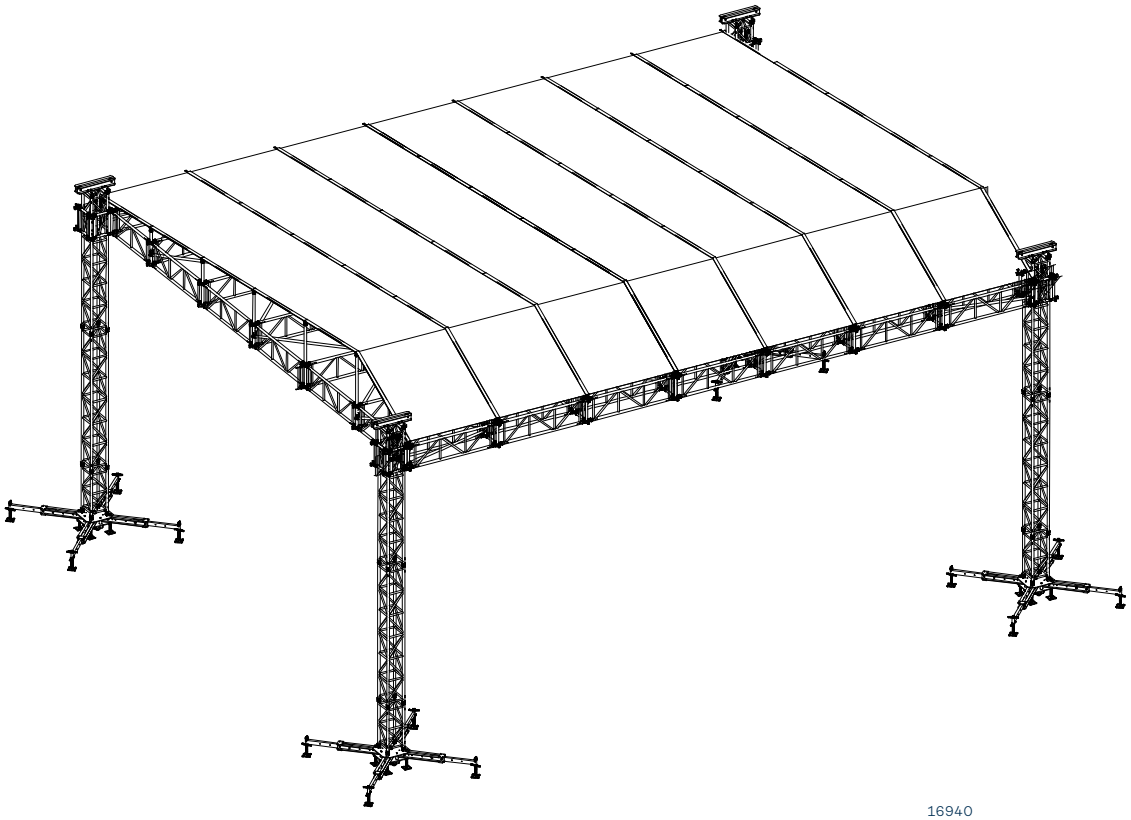
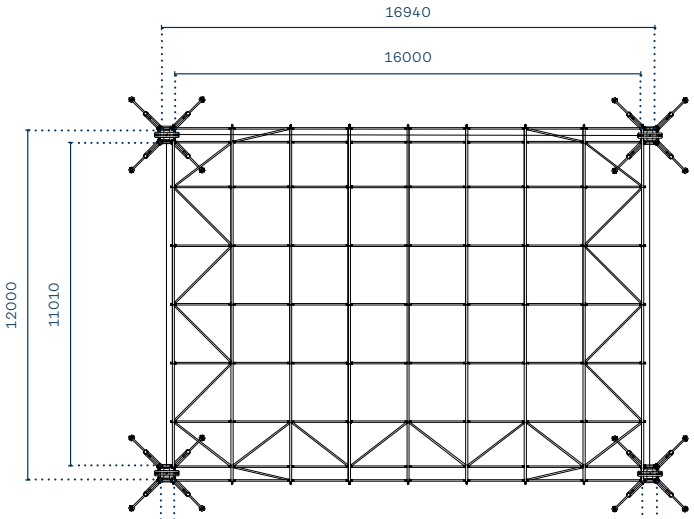
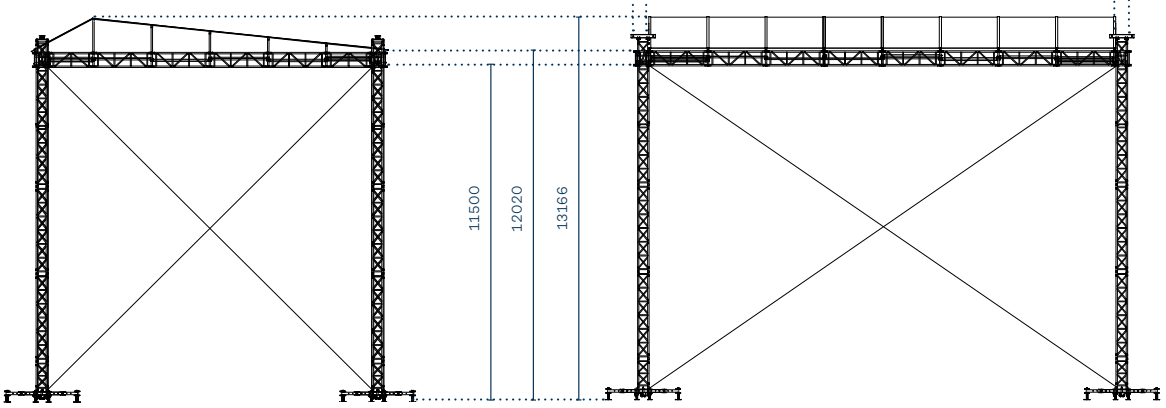


LIBERA FL52

Double Pitch 16x12 m

Some standard configurations are available, but – as always in the case of LIBERA – countless solutions are possible thanks to the modular system.





LIBERA FL76

Single Pitch 17x13 m

LIBERA is an open structural system.
Roof systems in LIBERA 76 consist of Maxitowers and a LIBERA FL76 grid structure.
With the single-pitch roof, the upper grid structure consists of trusses with built-in LIBERA FL76R roofing sheet guides.

Dimensions		17x13 m
Heights range*	→	from 8 to 14 m
Main truss	→	LIBERA FL76
Towers	→	4 x Maxitower 52
Uniformly distributed load UDL **	→	7500 kg ≈
Chain hoists	→	1000-2000 kg
Total weight	→	4520 kg
Volume	→	34 m^3
Set-up time & number of workers	→	5 hrs / 4 w

* Range suggested according to the dimensions of the roof system.

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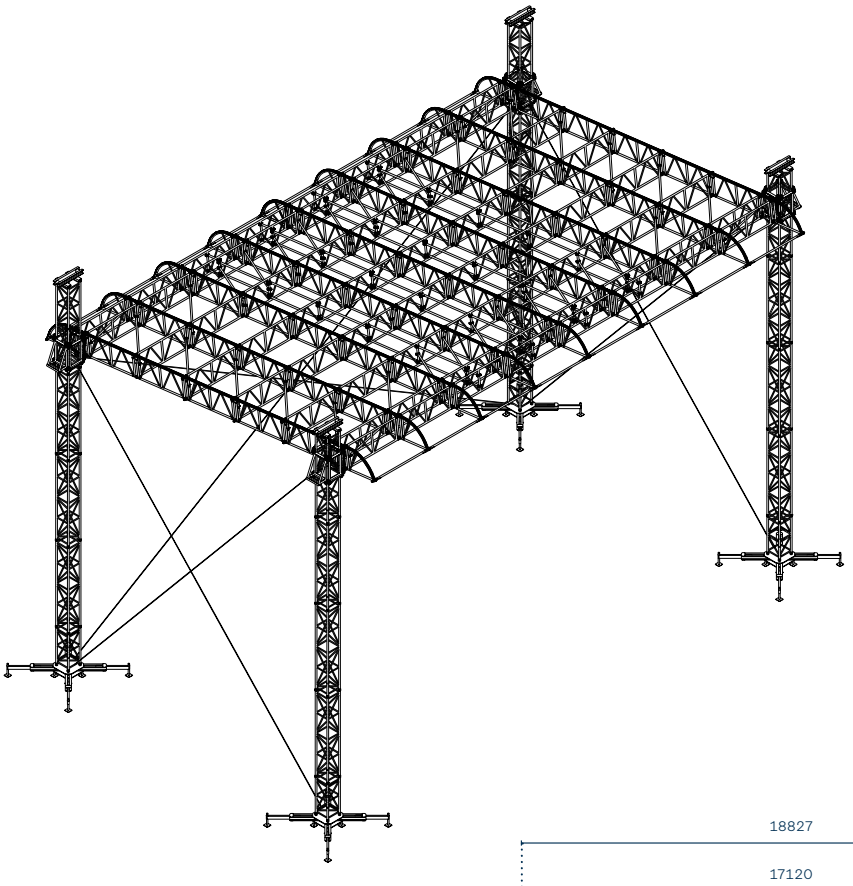
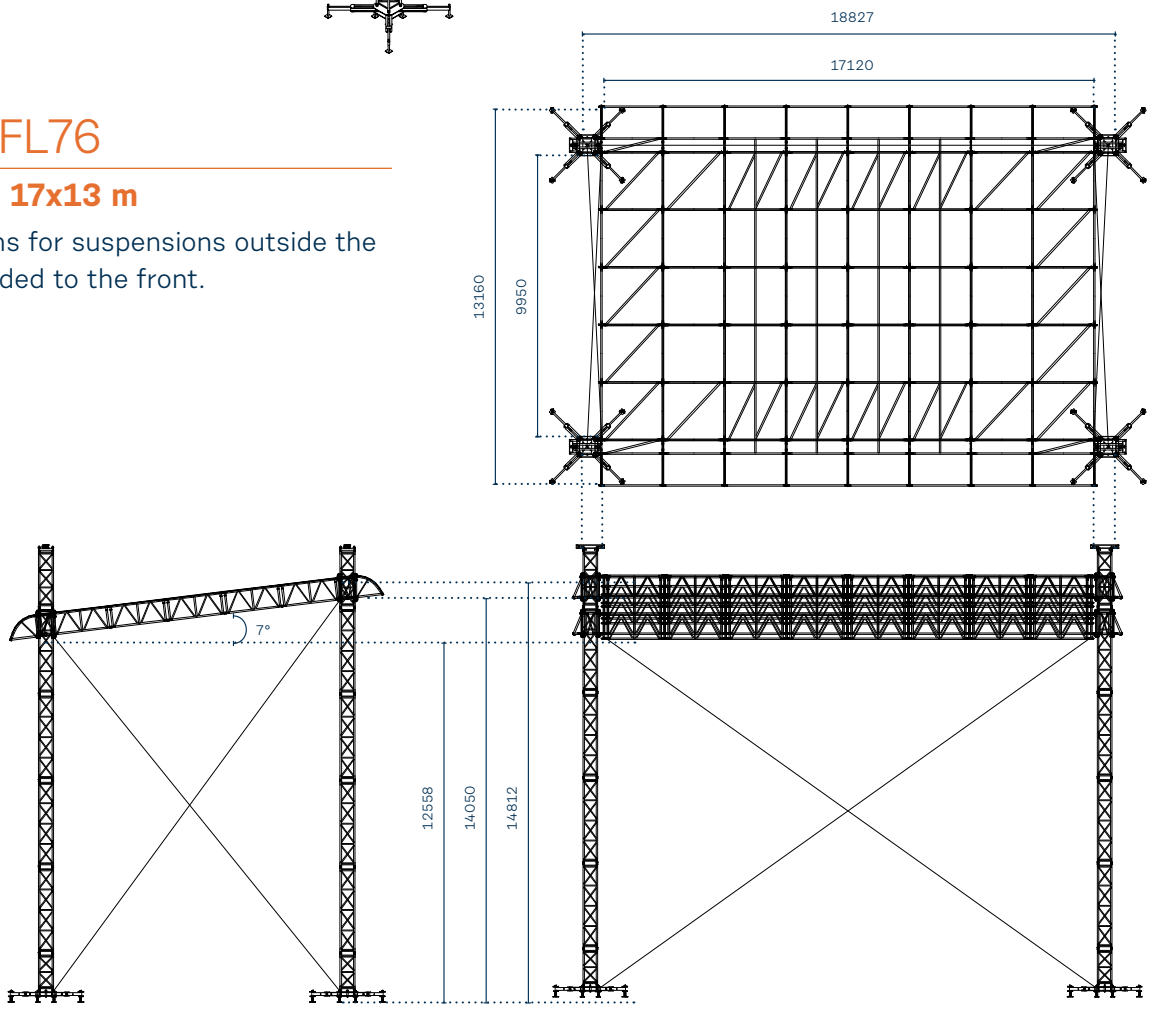


LIBERA FL76

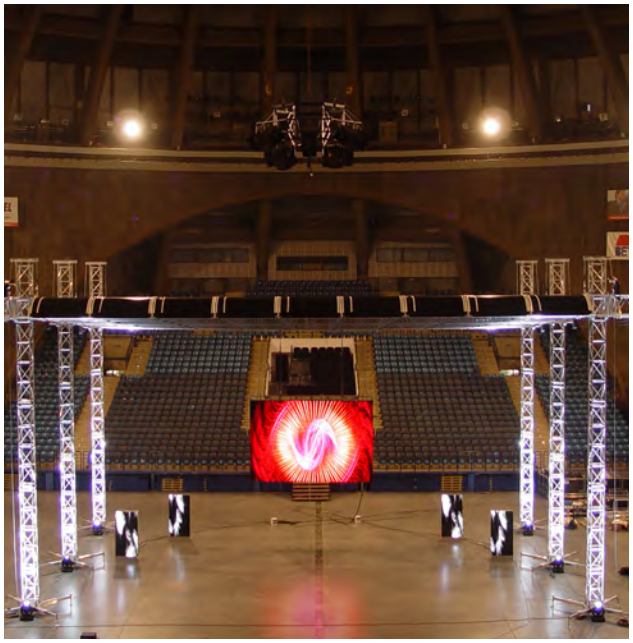
Single Pitch 17x13 m

Side extensions for suspensions outside the set may be added to the front.



LIBERA FL76

Double Pitch 17x13 m



LIBERA is an open structural system. Roof systems in LIBERA 76 consist of Maxitowers and a LIBERA FL76 grid structure. For the double-pitch version normal LIBERA FL76 trusses are used with the addition of support systems and sliding guides for the roofing sheet, which are fixed to the grid. This arrangement has the advantage of having a horizontal hanging plane.

Dimensions		17x13 m
Heights range*	→	from 8 to 14 m
Main truss	→	LIBERA FL76
Towers	→	6 x Maxitower 52
Uniformly distributed load UDL **	→	12000 kg ≈
Chain hoists	→	1000-2000 kg
Total weight	→	7000 kg
Volume	→	60 m^3
Set-up time & number of workers	→	5 hrs / 5 w

* Range suggested according to the dimensions of the roof system.

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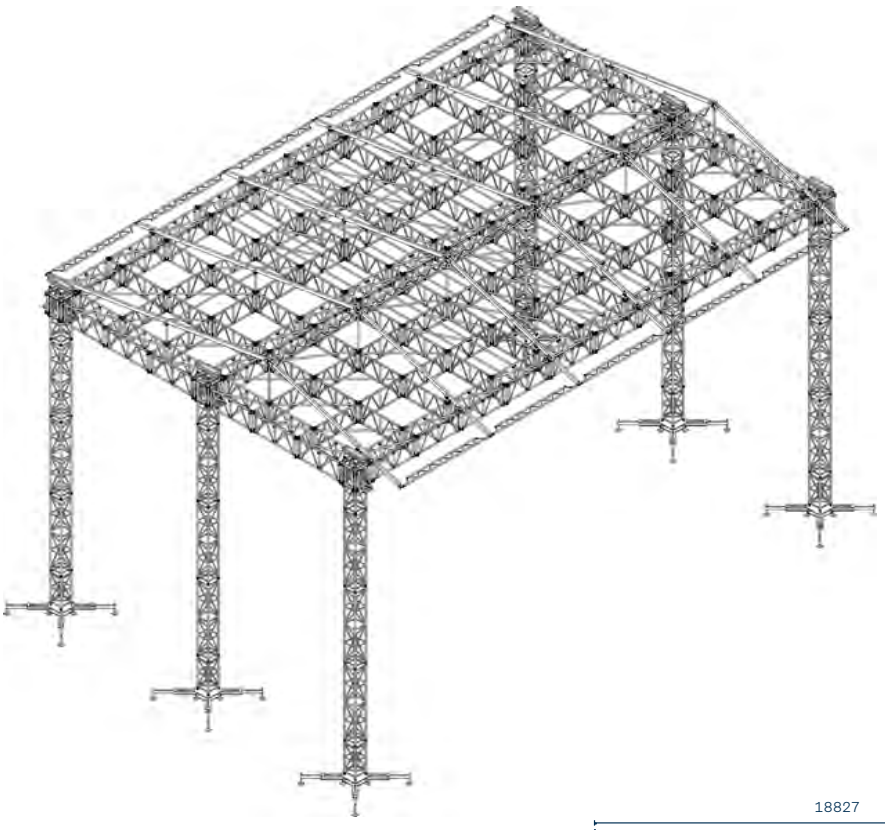
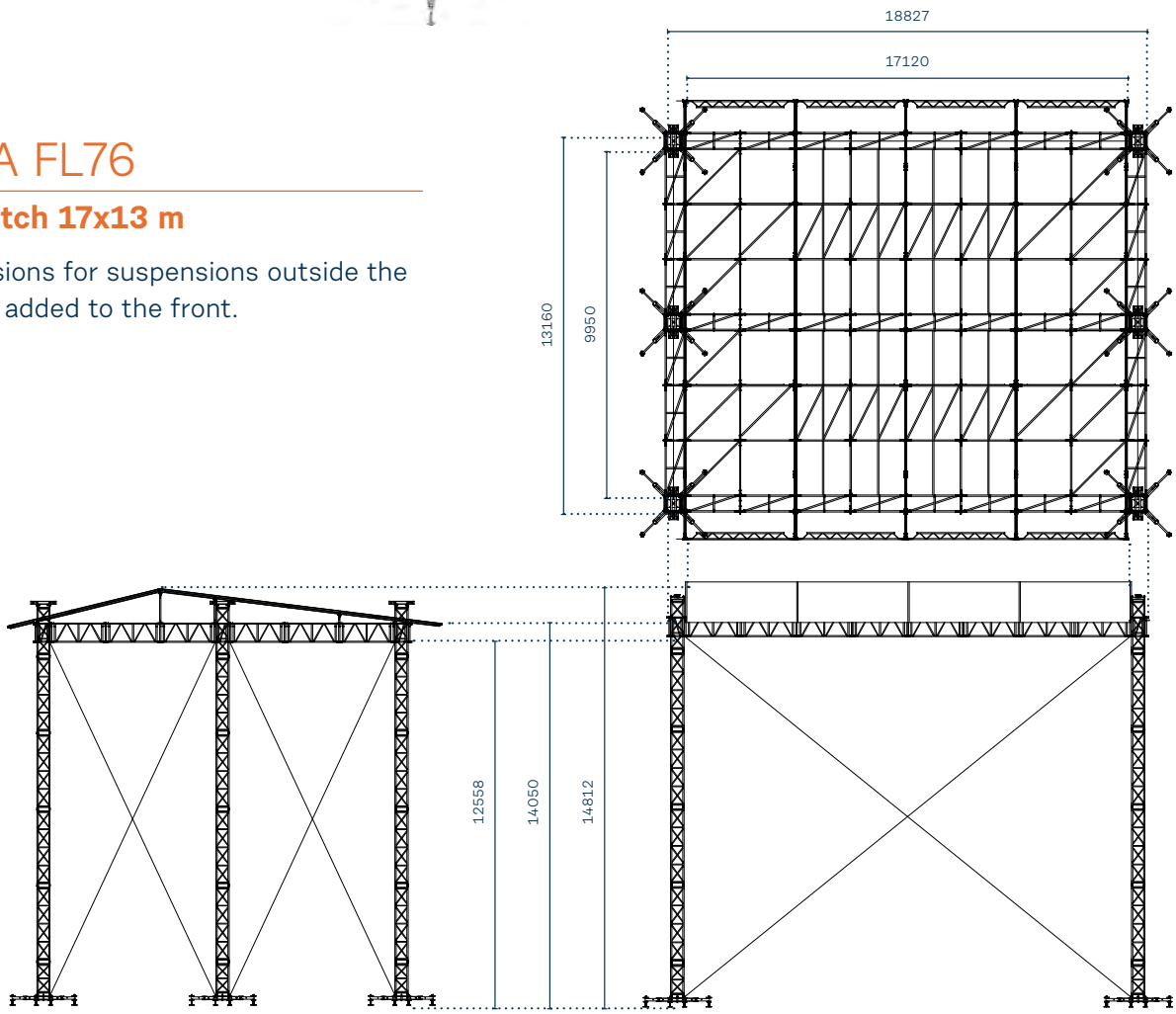


LIBERA FL76

Double Pitch 17x13 m

Side extensions for suspensions outside the set may be added to the front.



LIBERA FL76

Single Pitch 19x16 m

LIBERA is an open structural system.
Roof systems in LIBERA 76 consist of Maxitowers and
a LIBERA FL76 grid structure.
With the single-pitch roof, the upper grid structure consists of trusses with built-in LIBERA FL76R roofing sheet guides.

Dimensions		19x16 m
Heights range*	→	from 8 to 14 m
Main truss	→	LIBERA FL76
Towers	→	6 x Maxitower 52
Uniformly distributed load UDL **	→	10000 kg ≈
Chain hoists	→	2000 kg
Total weight	→	7880 kg
Volume	→	65 m^3
Set-up time & number of workers	→	6 hrs / 5 w

* Range suggested according to the dimensions of the roof system.

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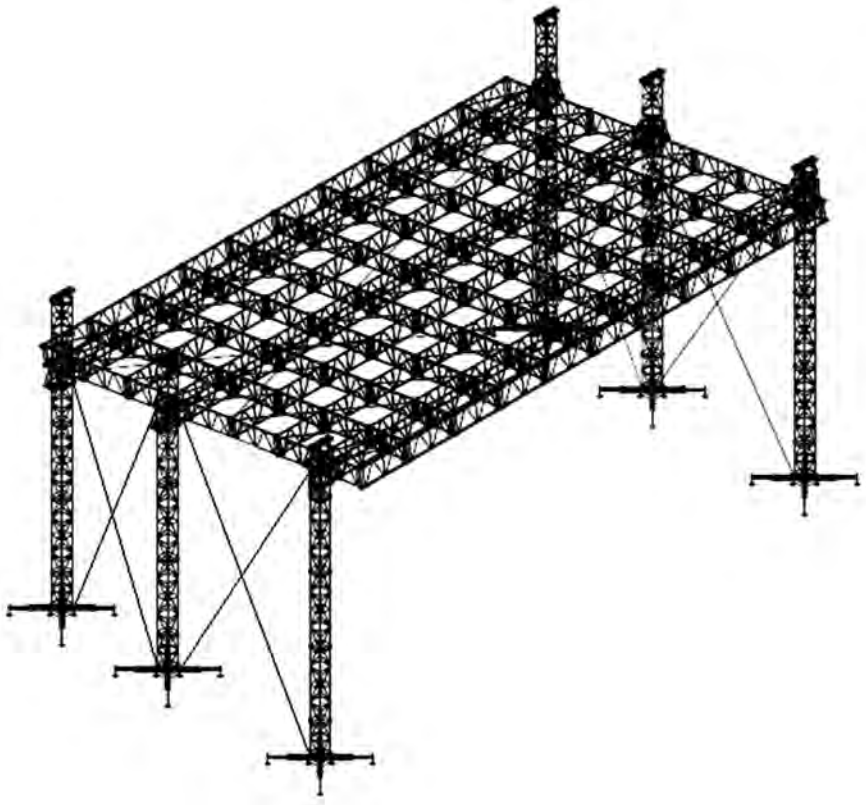
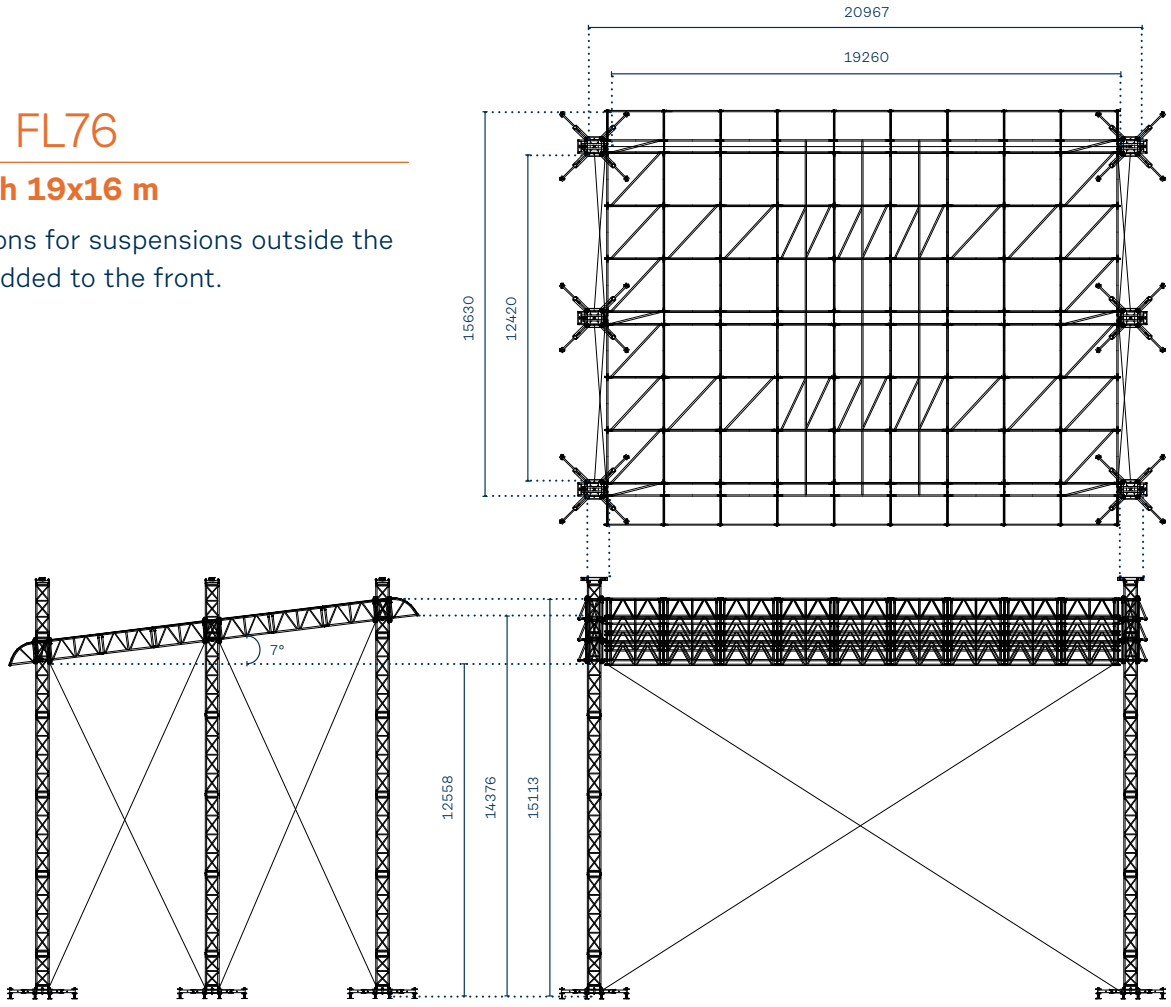


LIBERA FL76

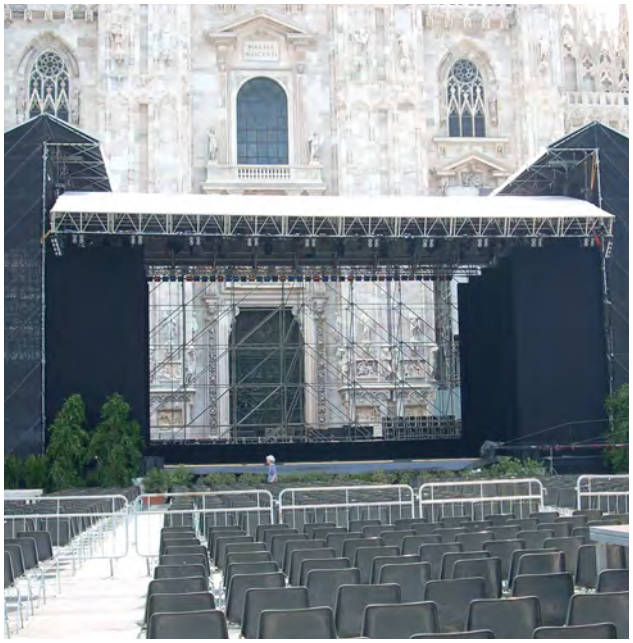
Single Pitch 19x16 m

Side extensions for suspensions outside the set may be added to the front.



LIBERA FL76

Double Pitch 19x13 m



LIBERA is an open structural system.
Roof systems in LIBERA 76 consist of Maxitowers and a LIBERA FL76 grid structure.
With the single-pitch roof, the upper grid structure consists of trusses with built-in LIBERA FL76R roofing sheet guides.

Dimensions		19x13 m
Heights range*	→	from 8 to 14 m
Main truss	→	LIBERA FL76
Towers	→	6 x Maxitower 52
Uniformly distributed load UDL **	→	11000 kg ≈
Chain hoists	→	2000 kg
Total weight	→	7700 kg
Volume	→	65 m^3
Set-up time & number of workers	→	6 hrs / 5 w

* Range suggested according to the dimensions of the roof system.

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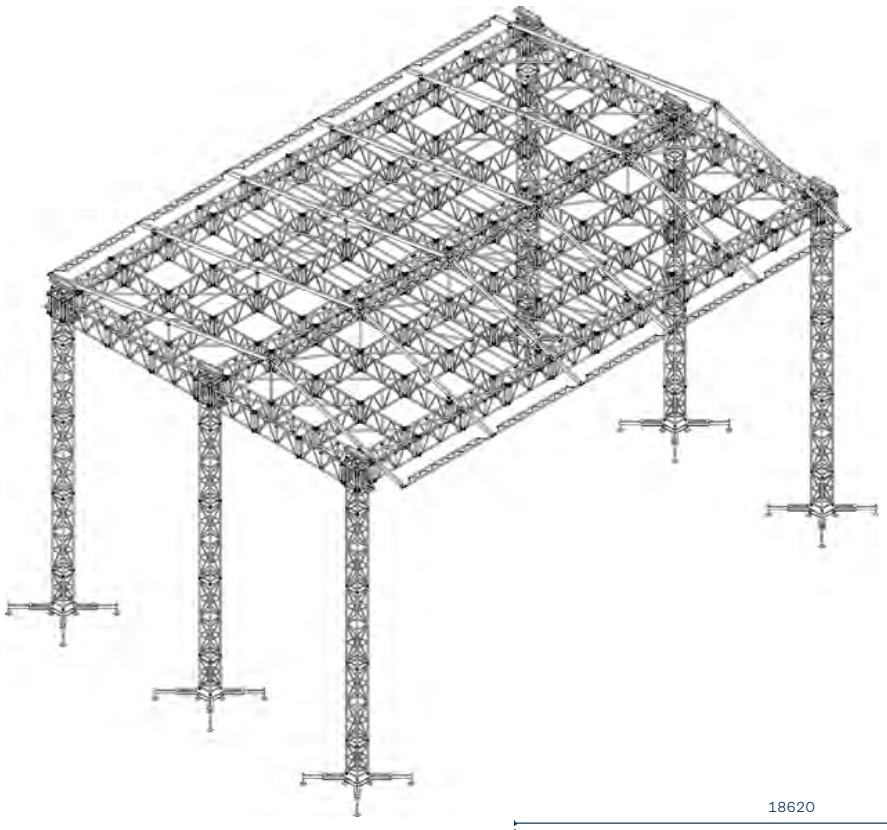
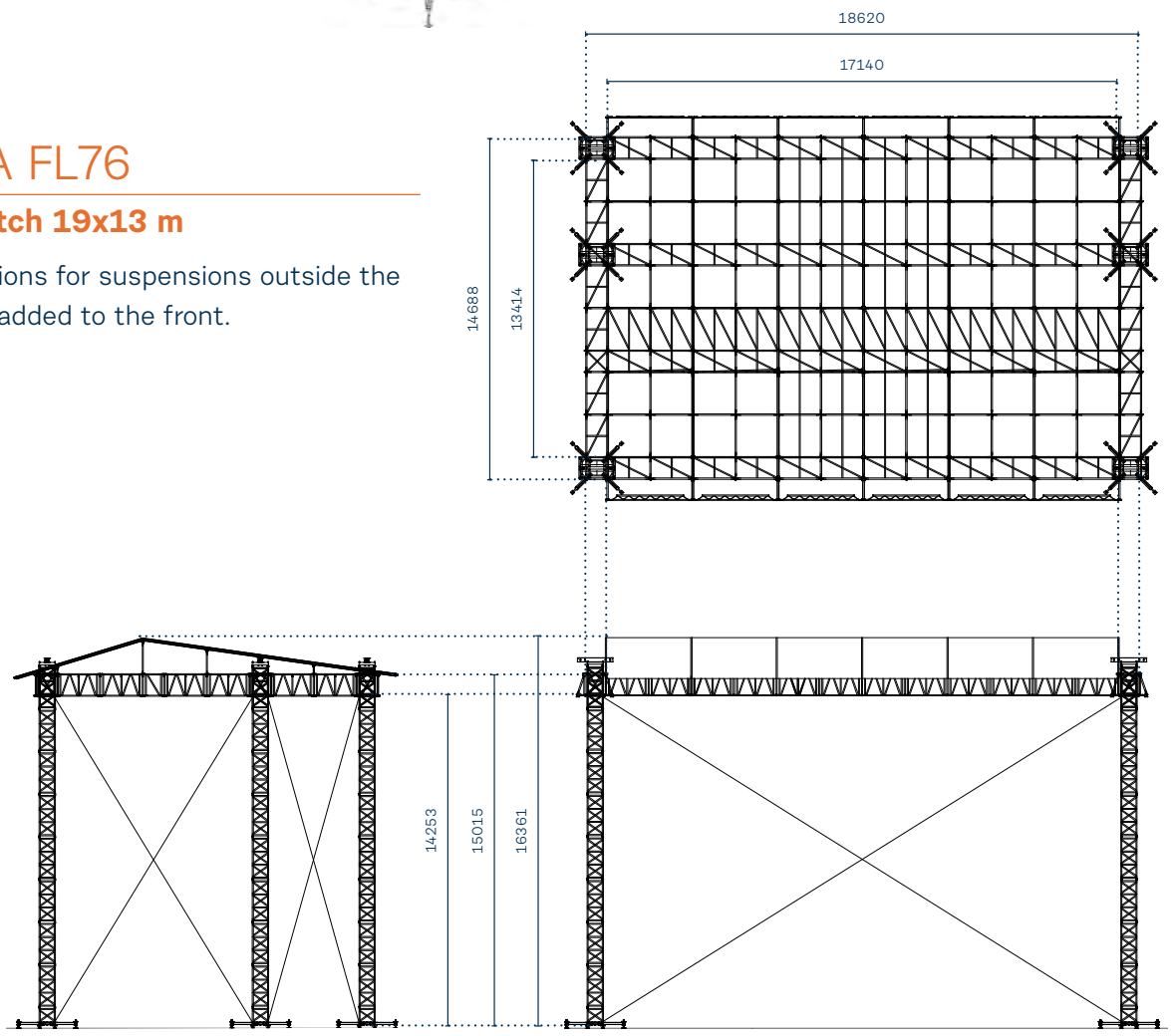


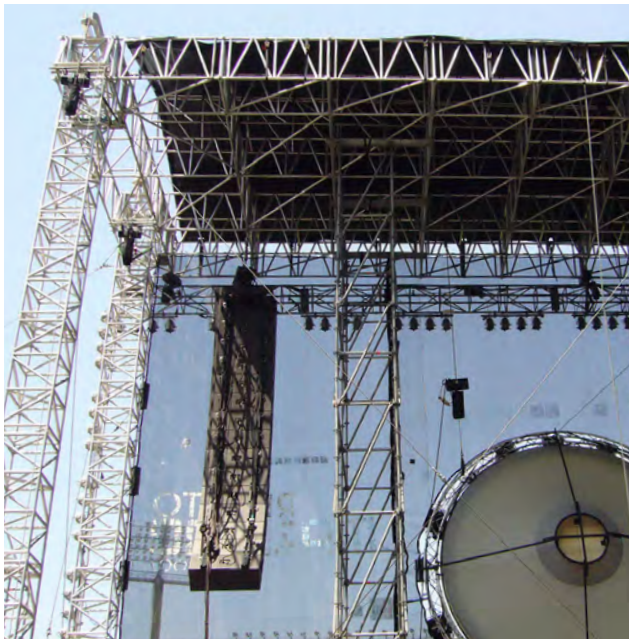
LIBERA FL76

Double Pitch 19x13 m

Side extensions for suspensions outside the set may be added to the front.



LIBERA FL105 Double Pitch 20x16 m



This is the largest roof system in the LIBERA range, and one of the biggest and best performing on the market.
It is based on the LIBERA concept and consists of Maxitower 76 and LIBERA FL105 trusses. It is imposing and sturdy, and is – in itself – the most spectacular element of the show.
The structure has excellent technical specifications and is highly modular.

Dimensions		20x16 m
Heights range*	→	from 10 to 16 m
Main truss	→	LIBERA FL105
Towers	→	6 x Maxitower 76
Uniformly distributed load UDL **	→	15000 kg ≈
Chain hoists	→	2000 kg
Total weight	→	11700 kg
Volume	→	112 m^3
Set-up time & number of workers	→	6 hrs / 6 w

* Range suggested according to the dimensions of the roof system.

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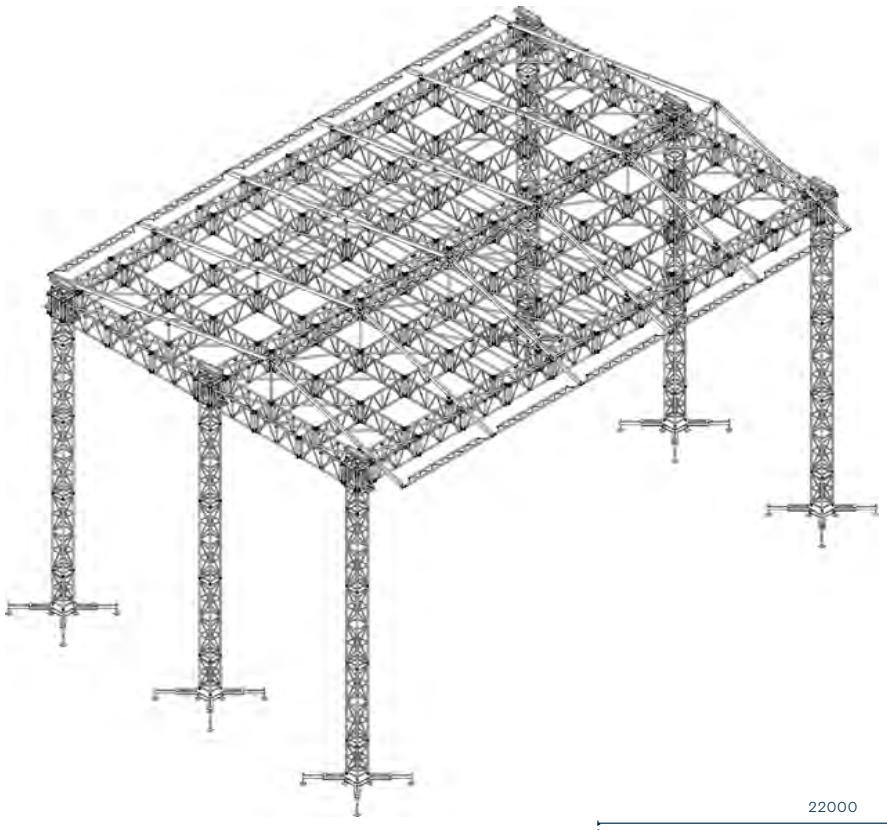
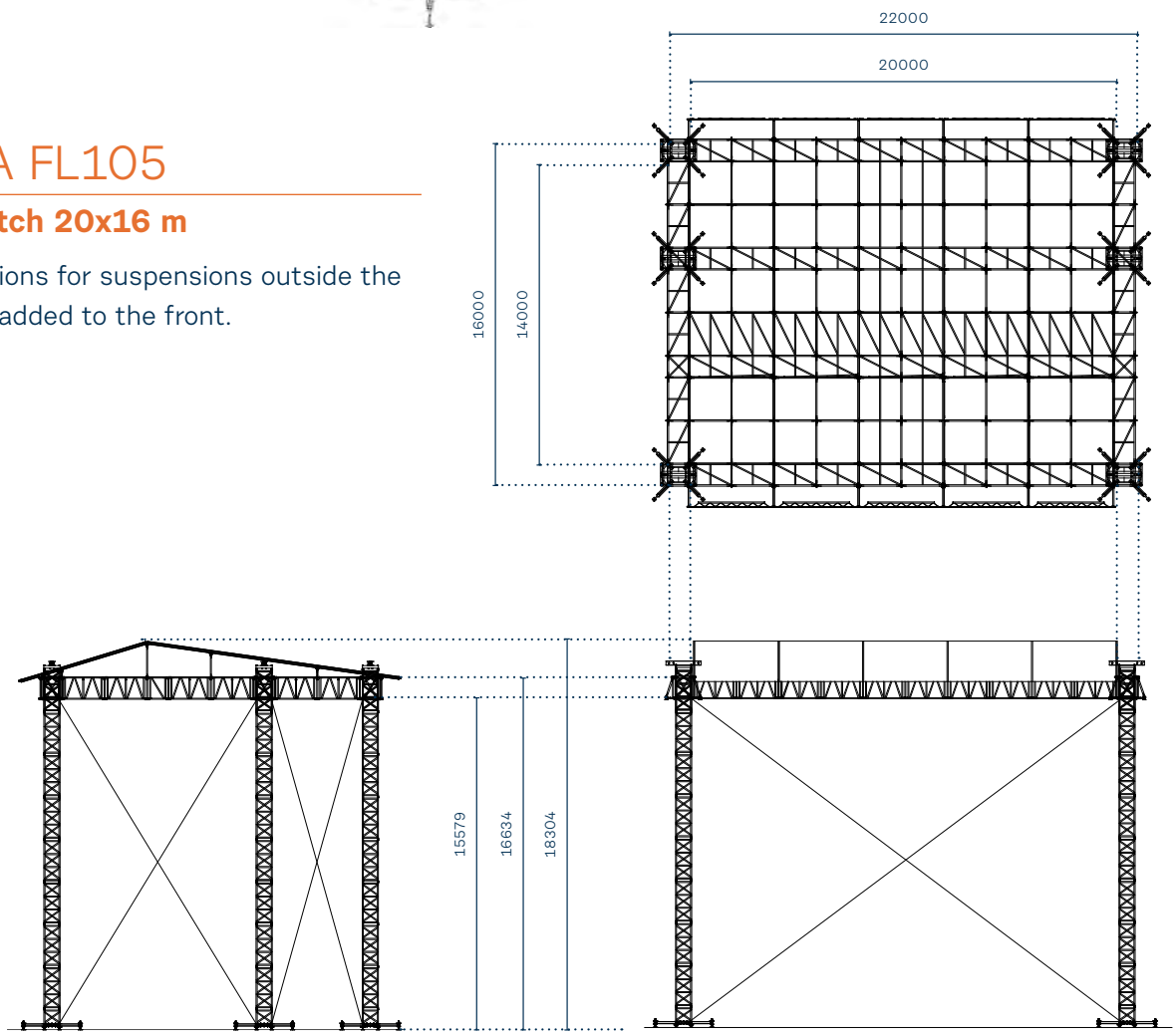


LIBERA FL105

Double Pitch 20x16 m

Side extensions for suspensions outside the set may be added to the front.



Alusfera 2.0

21.5x11.5 m

Alusfera is another way of using LIBERA, again starting from standard components with the addition of a few special accessories. It is a very impressive structure that may be used purely as part of the scenery, even without roofing sheets. Compared to the first version, Alusfera 2 has been designed with the addition of frontal and rear arches, a new ridge, a new solution to fix the main arches to the ground and an alternative for setting up.

Dimensions

21.5x11.5 m

Heights range*	→	11.5 m
Main truss	→	LIBERA FL76
Towers	→	//
Uniformly distributed load UDL **	→	6500 kg ≈
Chain hoists	→	//
Total weight	→	3700 kg
Volume	→	18 m^3
Set-up time & number of workers	→	6 hrs / 5 w

* Height suggested according to the dimensions of the roof system.

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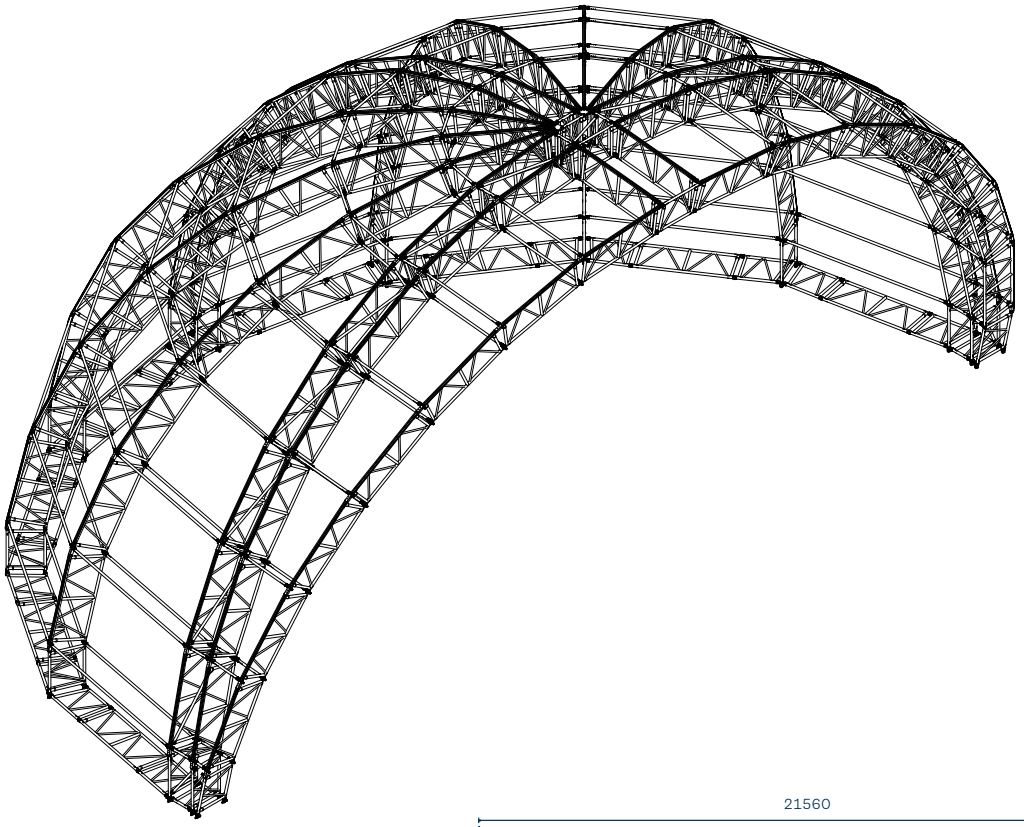
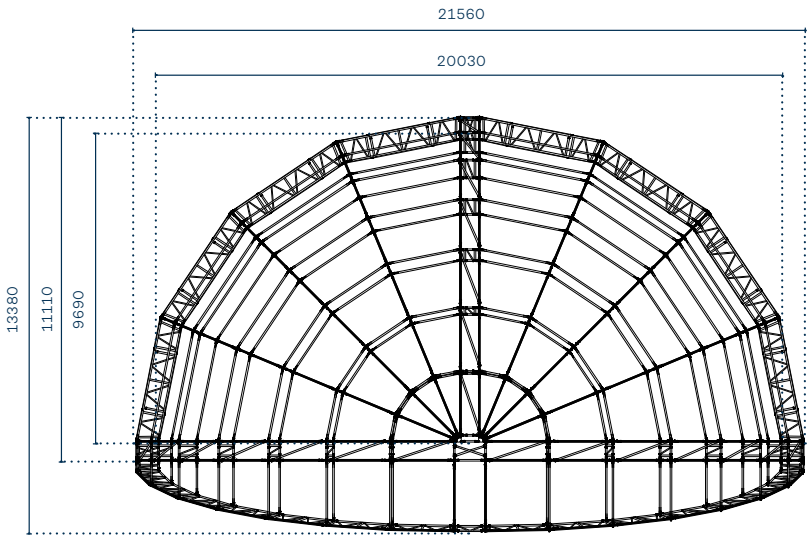
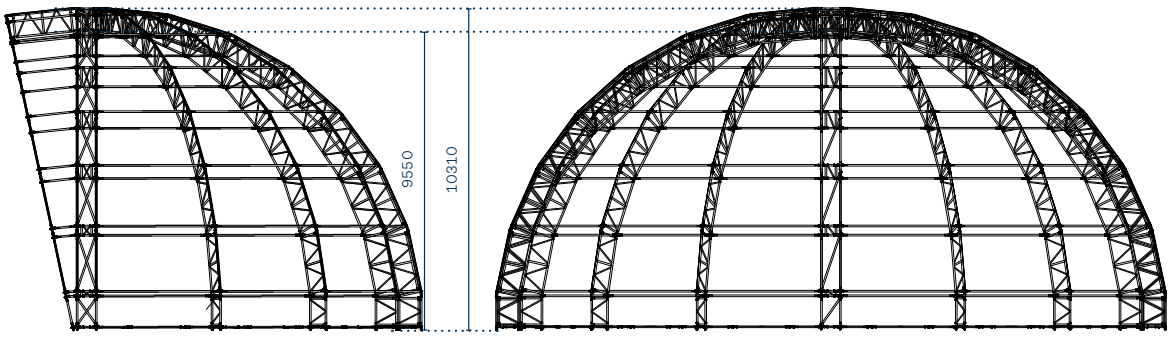


LIBERA Alusfera 2.0

These innovations limit rain exposure, make assembly operations easier and increase load capacity.





LIBERA Tunnel

22x19 m

Not just straight: LIBERA can be “bent” and used to create rounded components simply by adding small accessories to normal trusses.
With simple stratagems you can go from flat systems to arched systems and vice versa. Tunnels may be created with front or side roof ridges.

Dimensions

Dimensions		22x19 m
Heights range*	→	from 8 to 14 m
Main truss	→	LIBERA FL76
Towers	→	6 x Maxitower 52
Uniformly distributed load UDL **	→	13000 kg ≈
Chain hoists	→	2000 kg
Total weight	→	9700 kg
Volume	→	62 m^3
Set-up time & number of workers	→	8 hrs / 8 w

* Range suggested according to the dimensions of the roof system.

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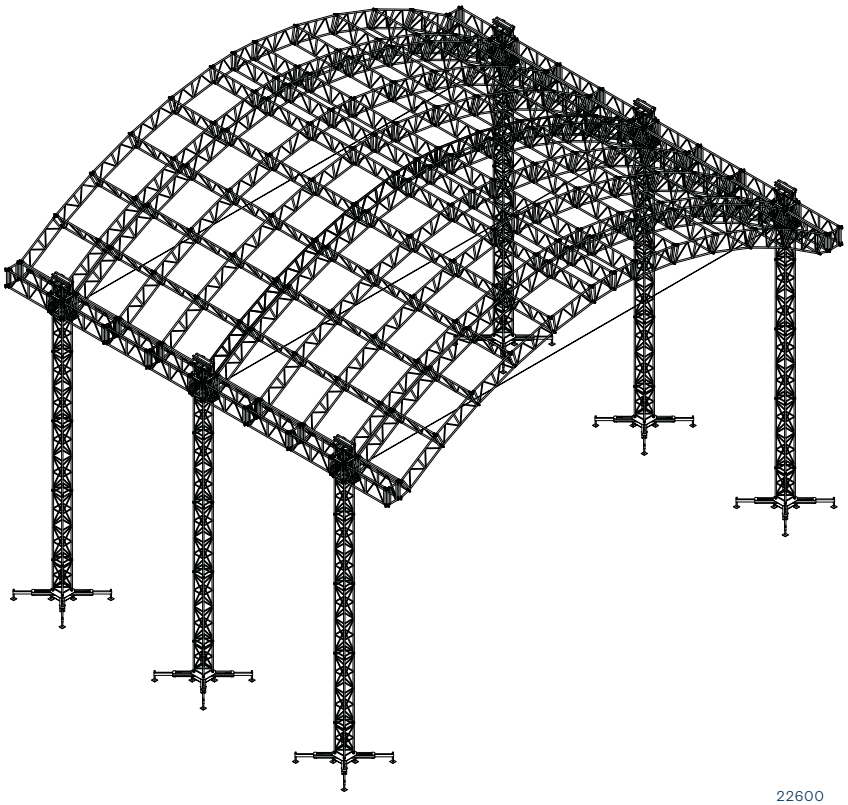
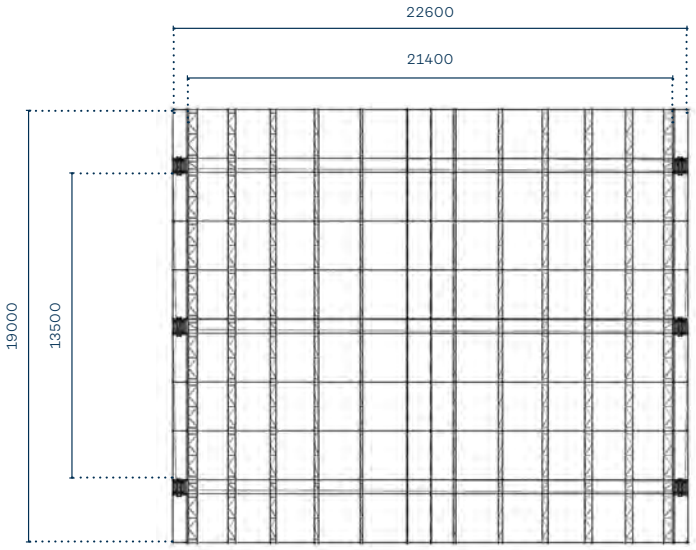
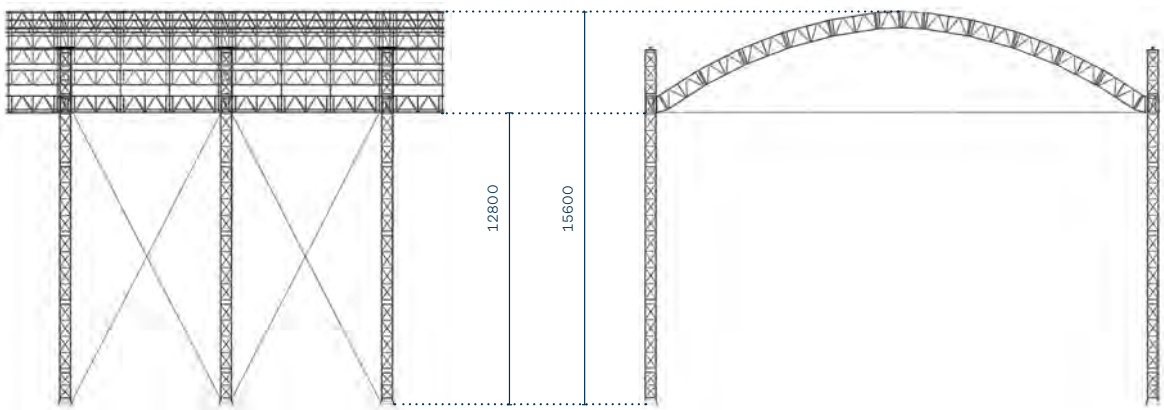


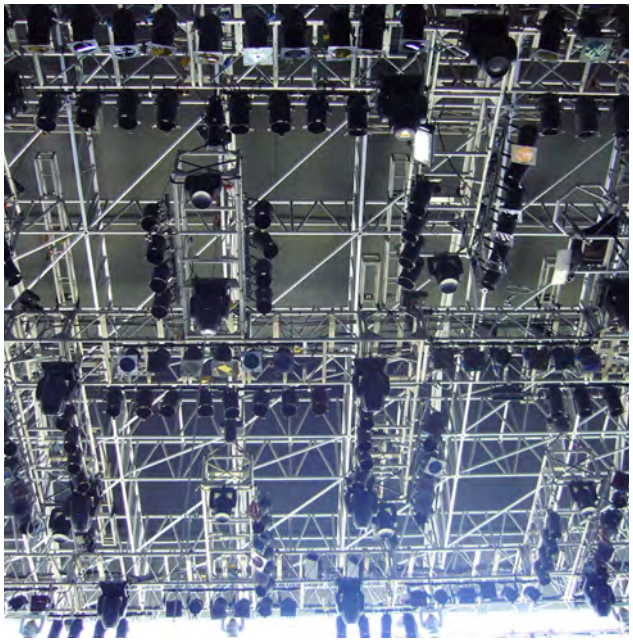


LIBERA Tunnel 22x19 m

No other product in this sector is so versatile, and riggers who fully understand the concept are able to assemble different structures each time. Rounded systems may be built with all LIBERA FL52, FL76 and FL105 models.



LIBERA FL105 Double Pitch 24x16 m



This is the largest roof system in the LIBERA range, and one of the biggest and best performing on the market.
It is based on the LIBERA concept and consists of Maxitower 76 towers and LIBERA FL105 trusses. It is imposing and sturdy, and is – in itself – the most spectacular element of the show.
The structure has excellent technical specifications and is highly modular.

Dimensions		24x16 m
Heights range*	→	from 10 to 16 m
Main truss	→	LIBERA FL105
Towers	→	6 x Maxitower 76
Uniformly distributed load UDL **	→	14000 kg ≈
Chain hoists	→	2000 kg
Total weight	→	12800 kg
Volume	→	116 m^3
Set-up time & number of workers	→	6 hrs / 6 w

* Range suggested according to the dimensions of the roof system.

** Indicative loading data for use in environments without wind. For details and further information, please consult the technical specifications or contact our engineering department or distributors.

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This line of structures was created in compliance with European standards.

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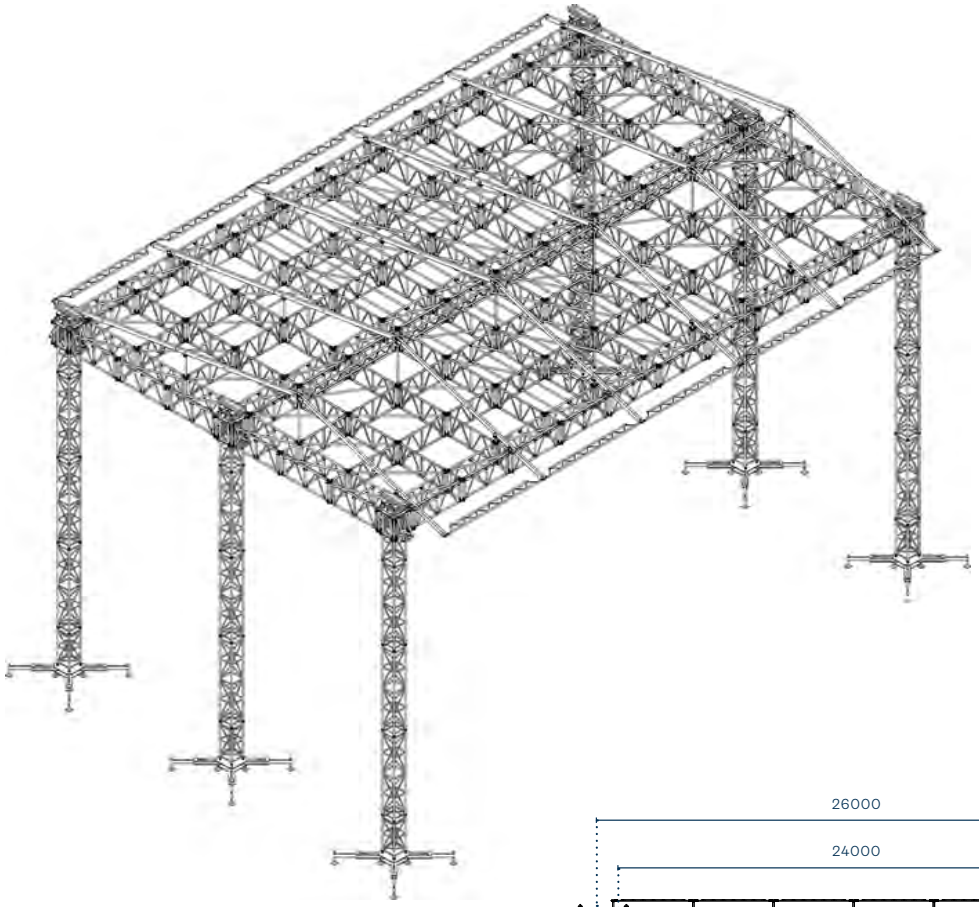
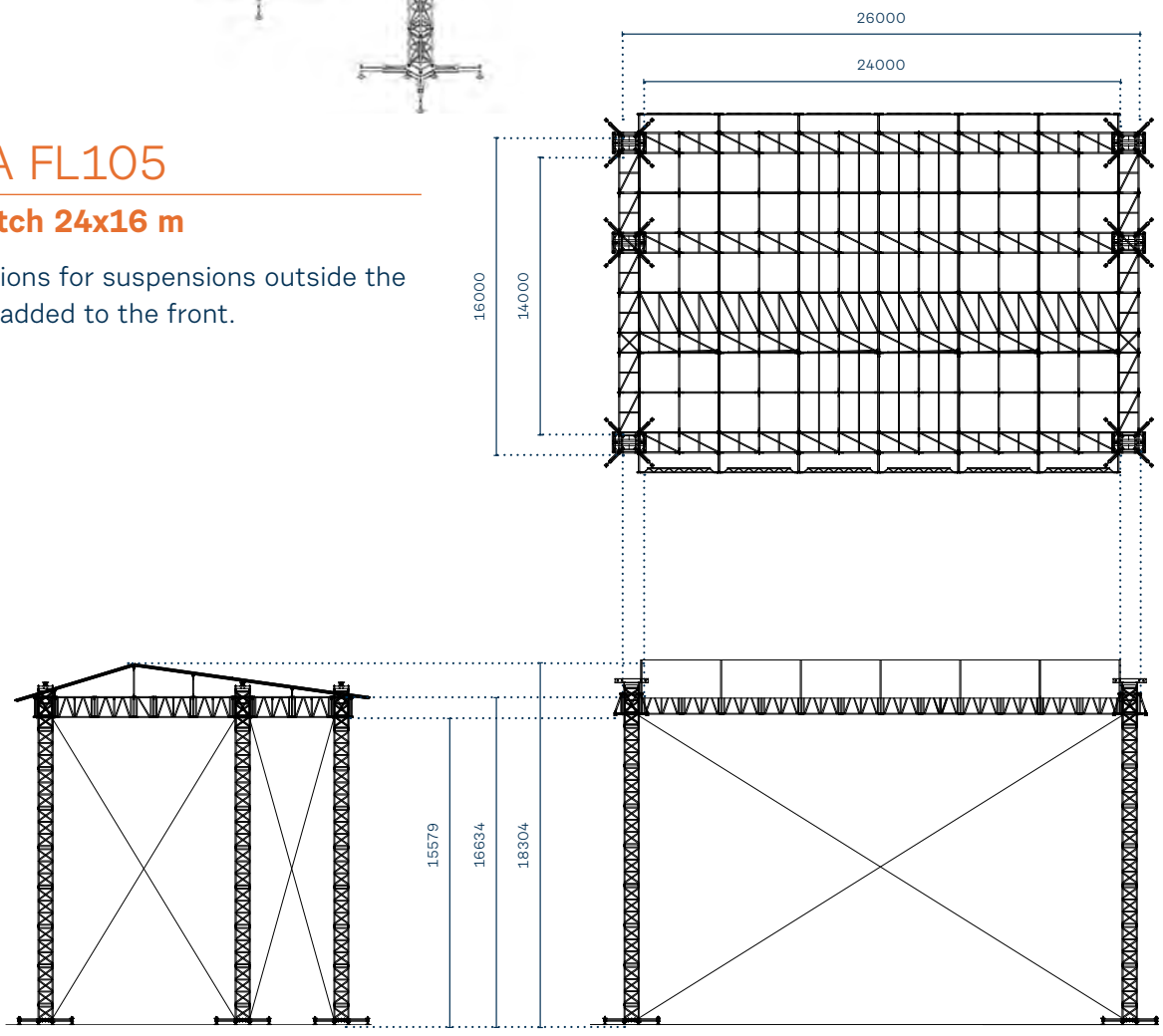


LIBERA FL105

Double Pitch 24x16 m

Side extensions for suspensions outside the set may be added to the front.



Terrace Stand Roofing

This roof system for sports derives from the LIBERA modular concept.
It uses trapezoidal flat section trusses which give the structure a streamlined look and the necessary slope for water to run off. Being completely overhanging, it does not need support pillars. The maximum overhang possible is 8 metres from the back wall, provided the stand structure is sufficiently ballasted.

Dimensions

FL10075200R HL trapez. flat truss	100/75 cm section	2 metres long
FL7550200R HL trapez. flat truss	75/50 cm section	2 metres long
FL5035200R HL trapez. flat truss	50/35 cm section	2 metres long
FL3520200R HL trapez. flat truss	35/20 cm section	2 metres long

For details and further information, please consult the technical specifications or contact our engineering department or distributors.

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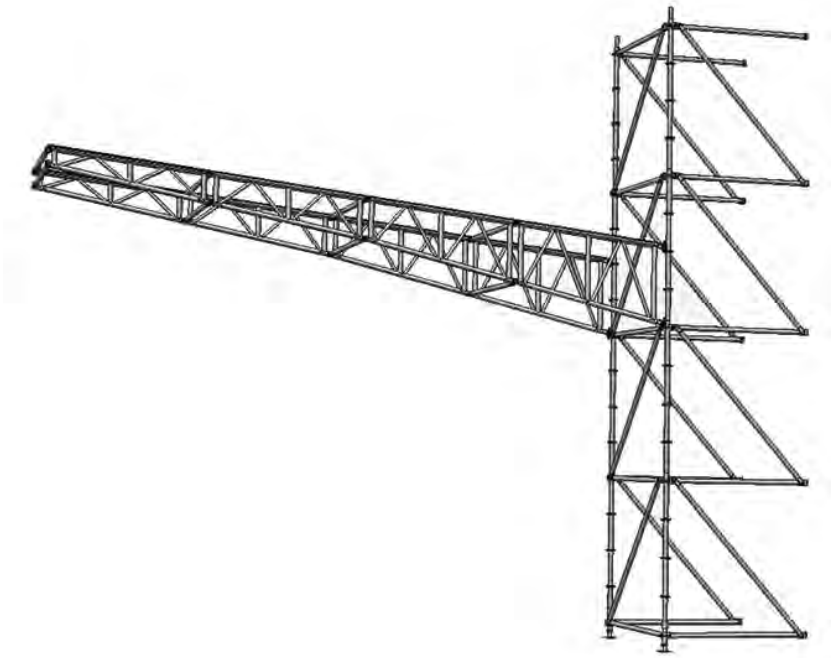
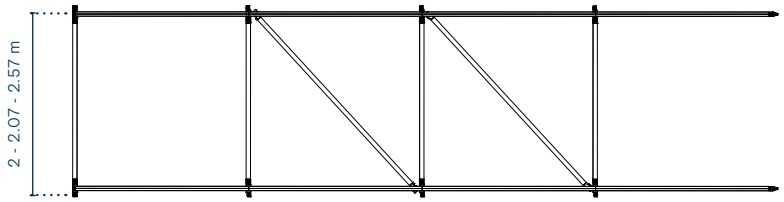
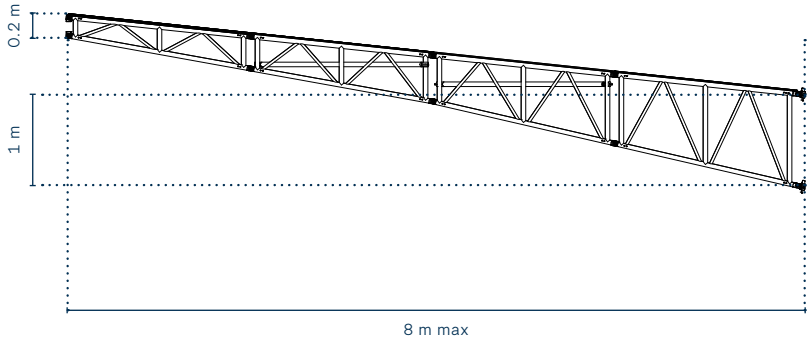
Terrace stand roofing

LITEC only provides the roof system and connection components compatible with the most important makes of multidirectional scaffolding.







FORK Trusses
Roof Systems

Load carrying capacity

These roof systems are high-performance structures that feature a connection made through steel forks. This line was designed when a high loading capacity is required together with wide spans.

They consist of Maxitowers and load bearing trusses with universal fork connections for high-end solutions. Their impressive load bearing and sturdy constructions provide the safety you require, while lending an air of style to your events.

Perfectly in line with international standard dimensions, they are totally integrated with the LIBERA system.

QL40A

Single Pitch 14x10 m

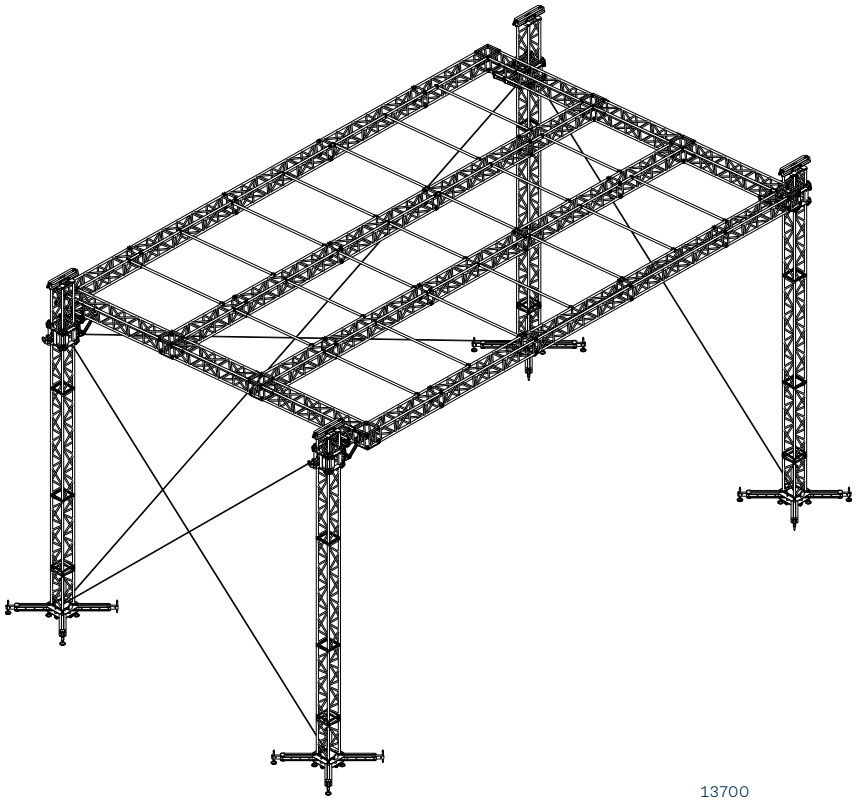
A single pitch 14 x 10 m metre roof that's the smallest available with a fork connection. At this size, it serves as a bridge between small and medium events. Its impressive load bearing and sturdy construction provide the safety you require, while lending an air of style to your events.

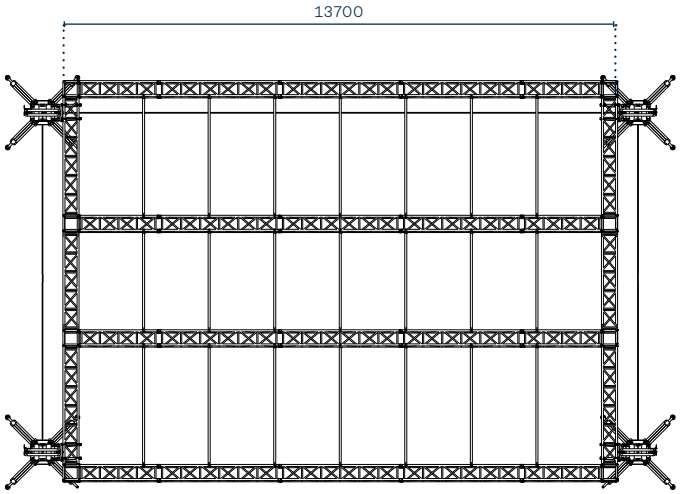
Dimensions		14x10 m
Height range*	→	9.5 m
Main truss	→	QL40A
Towers	→	Varitower 3-40
Uniformly distributed load UDL**	→	6200 kg
Chain hoist	→	1 ton
Trusses for lifter	→	QH40SA
Trusses for roof	→	QL40A
Roffing sheet	→	Self-extinguishing Class 2 - 650 g/m²

* Indicative loading data for use in environments without wind. For details and further information, please consult the technical specifications or contact our engineering department or distributors.

** This figure shows the ratio between the area covered by the assembled structure and the volume of the individual trusses used to build it. It is an efficiency figure useful in comparative analyses: transportability efficiency improves as the figure increases.

The examples and data shown on these pages are necessarily indicative owing to the extreme variability of the conditions in which the structures may be assembled. Each installation must be provided with a suitable quantity of ballast, as shown on the product certificates. This line of structures was created in compliance with standards EN 1991 - Eurocode 1, EN 1999 Eurocode 9, EN 13814, EN 13782, DIN 4112, DIN 4113-1, DIN 4113-1/A1, DIN 4113-2. Use of these systems is governed by laws which vary according to the country they are assembled in. They must be put together in compliance with the local regulations in force.

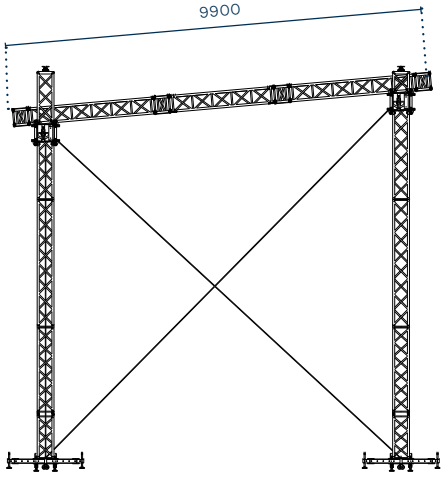


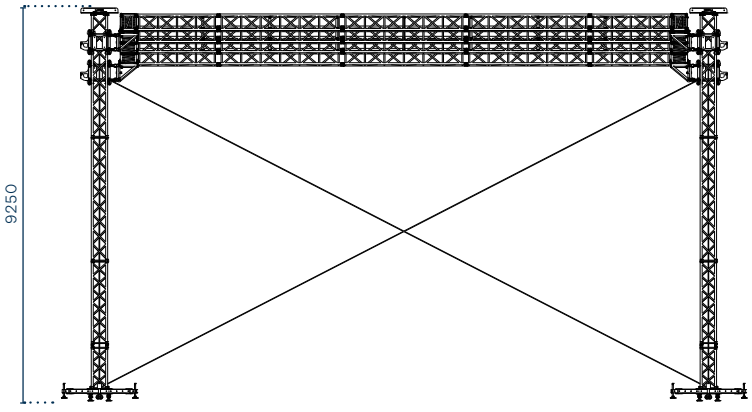


QL40A

Single Pitch 14x10 m

Side extensions for suspensions outside the set may be added to the front.





QL52A

Double Pitch 15x12 m

High Load roof systems are particularly suitable for medium-sized covered structures.
They consist in load bearing trusses with universal fork connections
for high-end solutions.

Dimensions		15x12 m
Heights range*	→	from 7 to 11 m
Main truss	→	QL52A
Towers	→	4 x Maxitower 40
Uniformly distributed load UDL **	→	7000 kg
Chain hoists	→	1000 kg
Total weight	→	6700 kg
Volume	→	45 m^3
Set-up time & number of workers	→	4 hrs / 5 w

* Range suggested according to the dimensions of the roof system.

** Indicative loading data for use in environments without wind. For details and further information, please consult the technical specifications or contact our engineering department or distributors.

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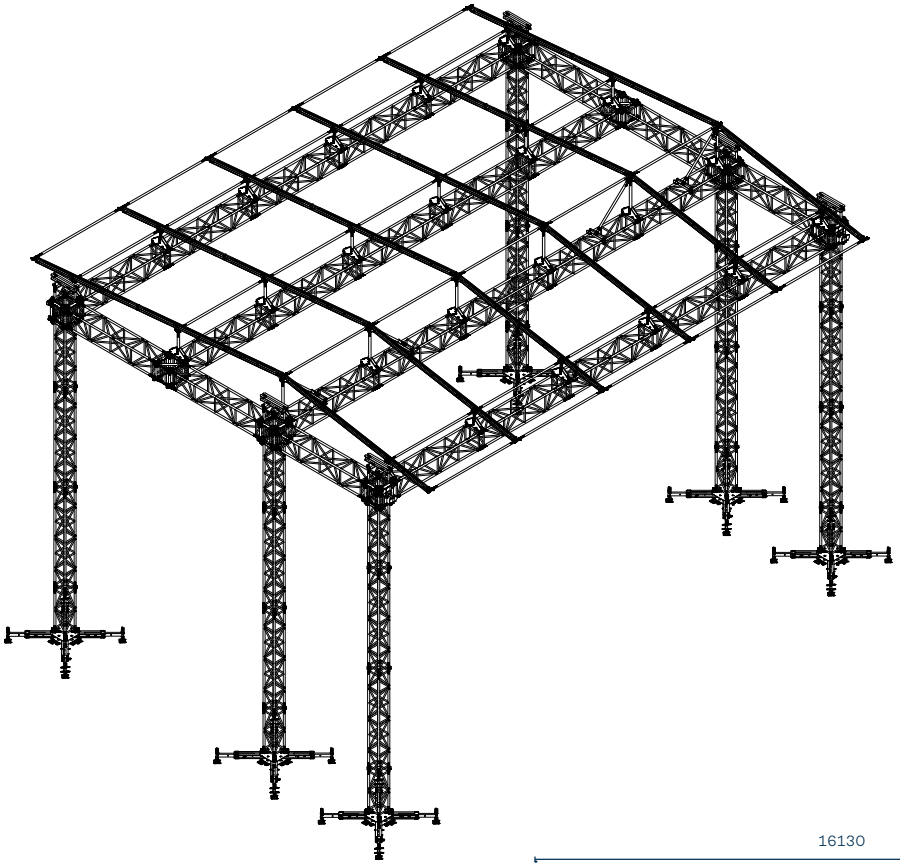
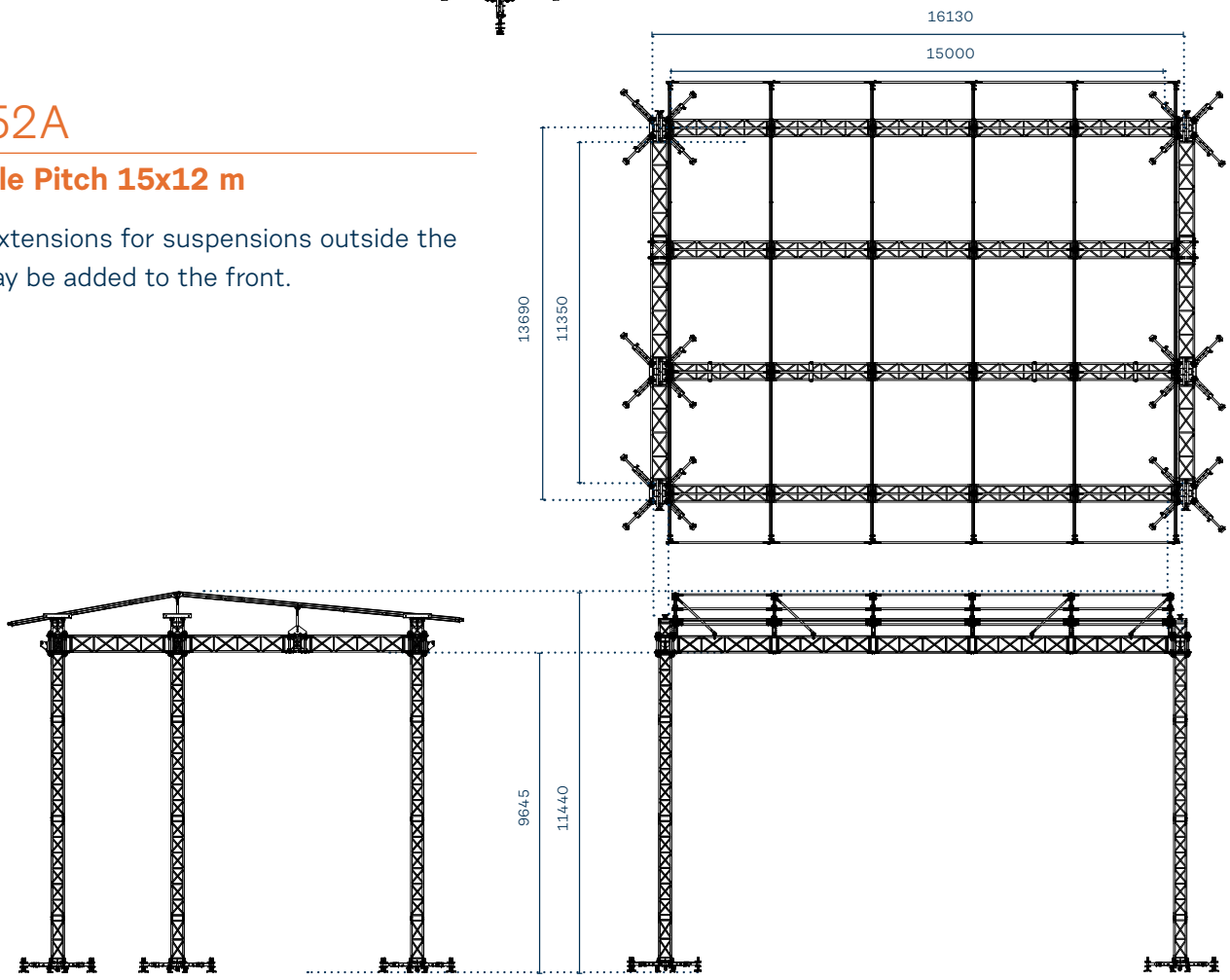


QL52A

Double Pitch 15x12 m

Side extensions for suspensions outside the set may be added to the front.



RL76A

Double Pitch 18x16 m

These roof systems are high-performance structures that feature a connection made through steel forks. This line was designed when a high loading capacity is required together with wide spans.

Dimensions		18x16 m
Heights range*	→	from 7 to 11 m
Main truss	→	RL76A
Towers	→	6 x Maxitower 40
Uniformly distributed load UDL **	→	9000 kg
Chain hoists	→	1000 kg
Total weight	→	8200 kg
Volume	→	76 m^3
Set-up time & number of workers	→	5 hrs / 6 w

* Range suggested according to the dimensions of the roof system.

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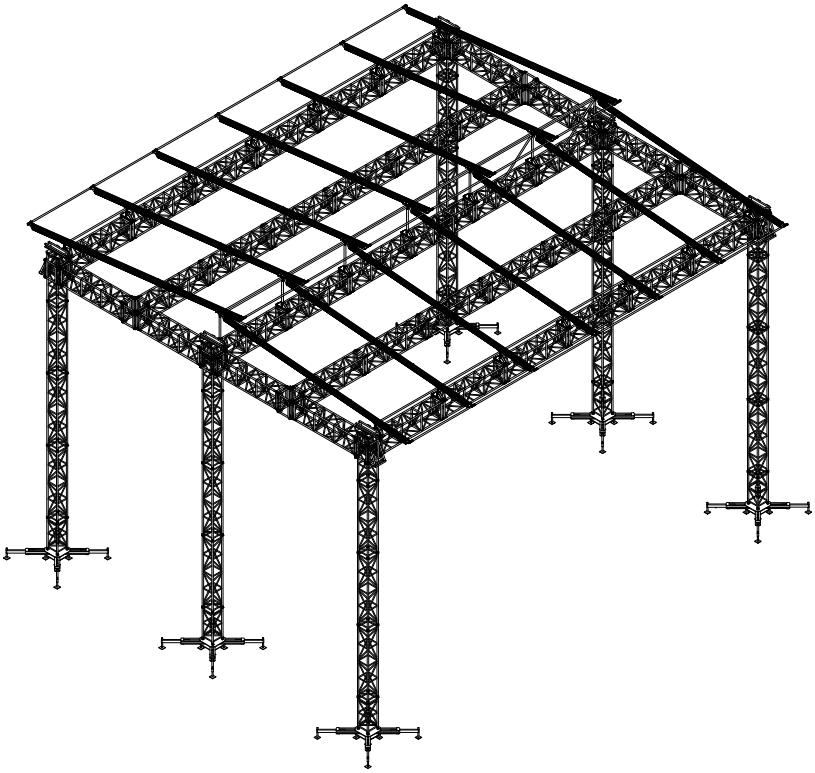
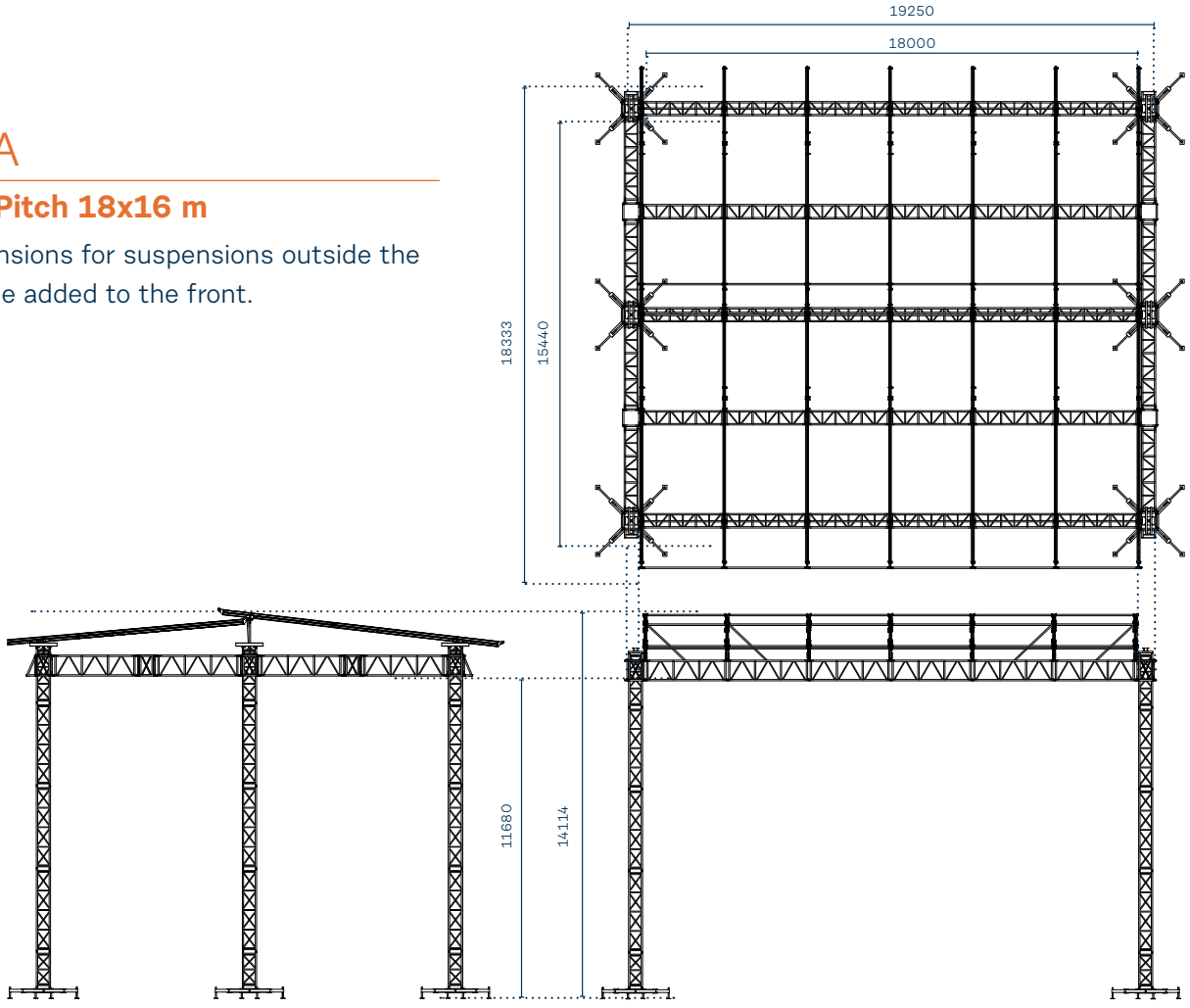


RL76A

Double Pitch 18x16 m

Side extensions for suspensions outside the set may be added to the front.



RL76A

Double Pitch 21x16 m

These roof systems are high-performance structures that feature a connection made through steel forks. This line was designed when a high loading capacity is required together with wide spans.

Dimensions		21x16 m
Heights range*	→	from 7 to 11 m
Main truss	→	RL76A
Towers	→	6 x Maxitower 40
Uniformly distributed load UDL **	→	7140 kg
Chain hoists	→	1000 kg
Total weight	→	9000 kg
Volume	→	88 m^3
Set-up time & number of workers	→	6 hrs / 6 w

* Range suggested according to the dimensions of the roof system.

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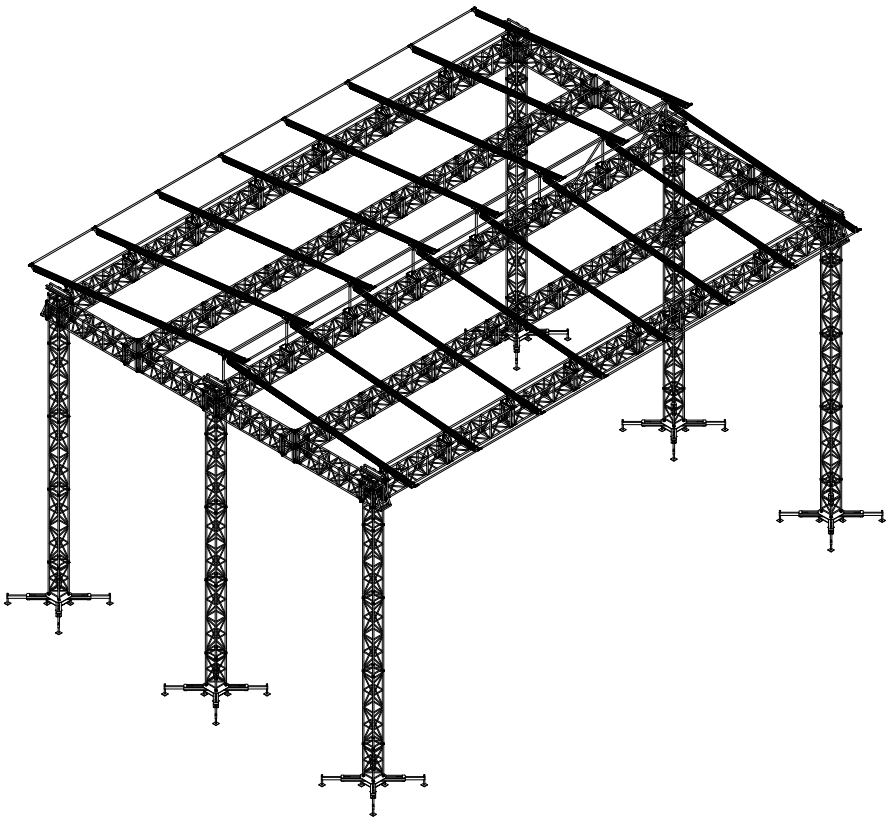
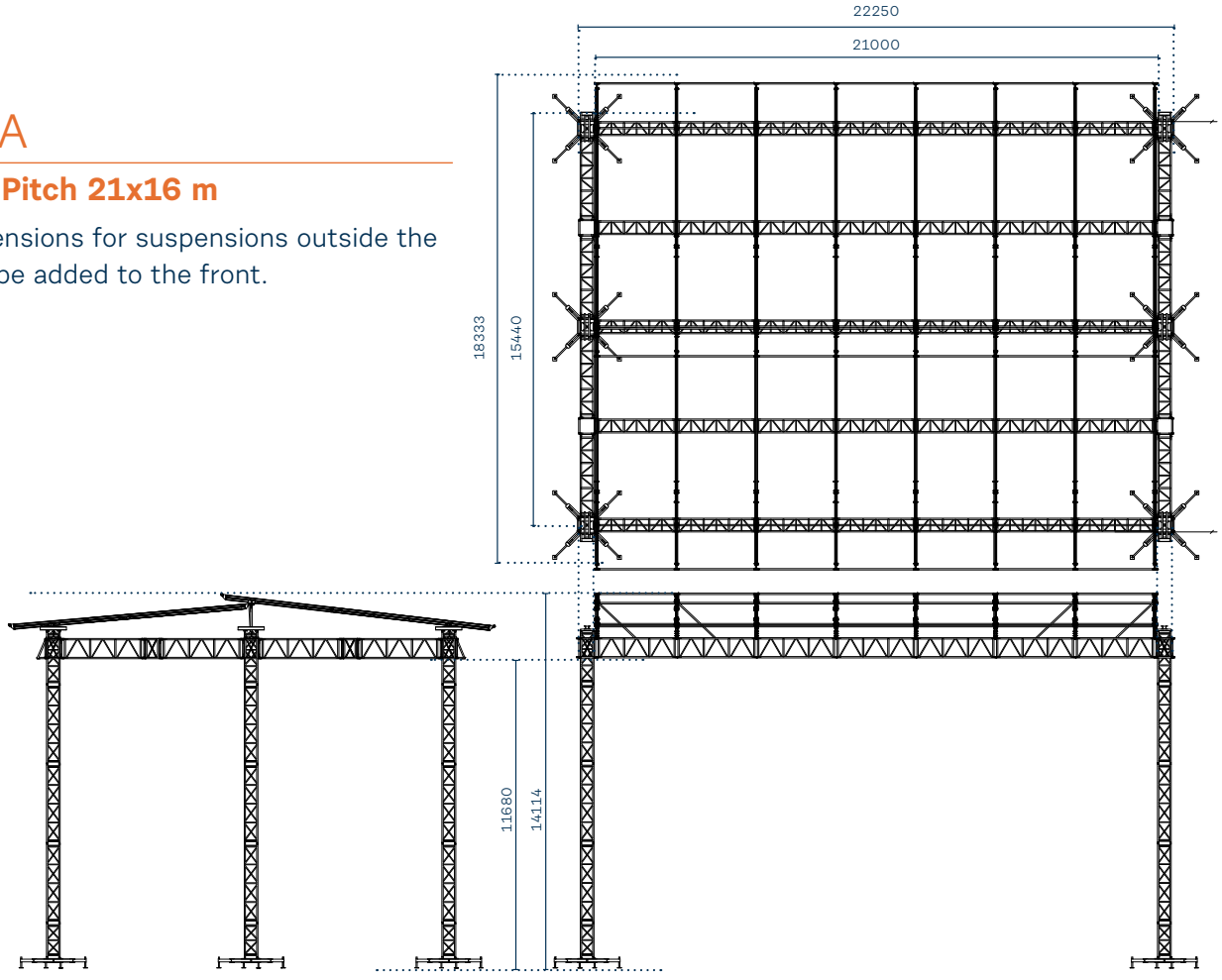


RL76A

Double Pitch 21x16 m

Side extensions for suspensions outside the set may be added to the front.



RL105A

Double Pitch 21x16 m

They are strong and sturdy roof systems totally built in RL105A trusses and Maxitowers 52.
They are thought for big installations on wide spans.
They feature new built-in guides for inserting roof sheets and a four-way sleeve block which is compatible with LIBERA FL105.

Dimensions		21x16 m
Heights range*	→	from 10 to 16 m
Main truss	→	RL105A
Towers	→	6 x Maxitower 52
Uniformly distributed load UDL **	→	20000 kg
Chain hoists	→	2000 kg
Total weight	→	13500 kg
Volume	→	160 m^3
Set-up time & number of workers	→	8 hrs / 6 w

* Range suggested according to the dimensions of the roof system.

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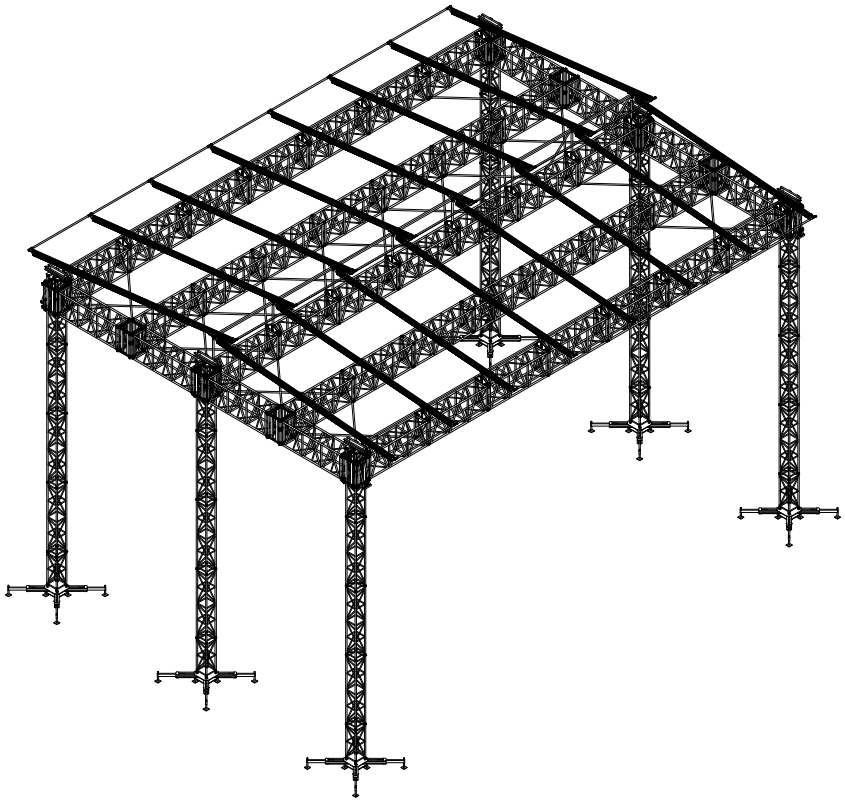
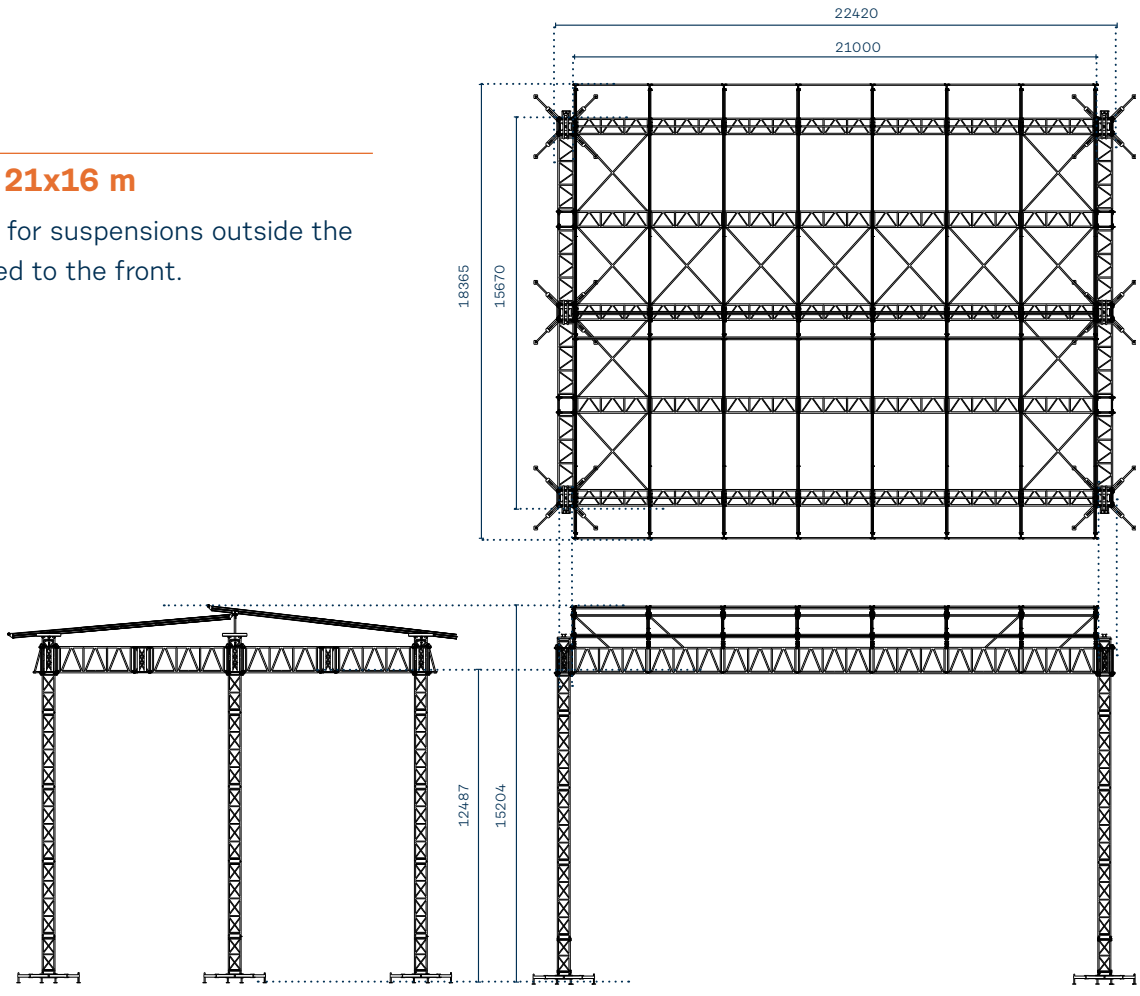


RL105A

Double Pitch 21x16 m

Side extensions for suspensions outside the set may be added to the front.



RL105A

Double Pitch 24x16 m

They are strong and sturdy roof systems totally built in RL105A trusses and Maxitowers 52.
They are thought for big installations on wide spans.
They feature new built-in guides for inserting roof sheets and a four-way sleeve block which is compatible with LIBERA FL105.

Dimensions		24x16 m
Heights range*	→	from 10 to 16 m
Main truss	→	RL105A
Towers	→	6 x Maxitower 52
Uniformly distributed load UDL **	→	17000 kg
Chain hoists	→	2000 kg
Total weight	→	14000 kg
Volume	→	172 m^3
Set-up time & number of workers	→	8 hrs / 6 w

* Range suggested according to the dimensions of the roof system.

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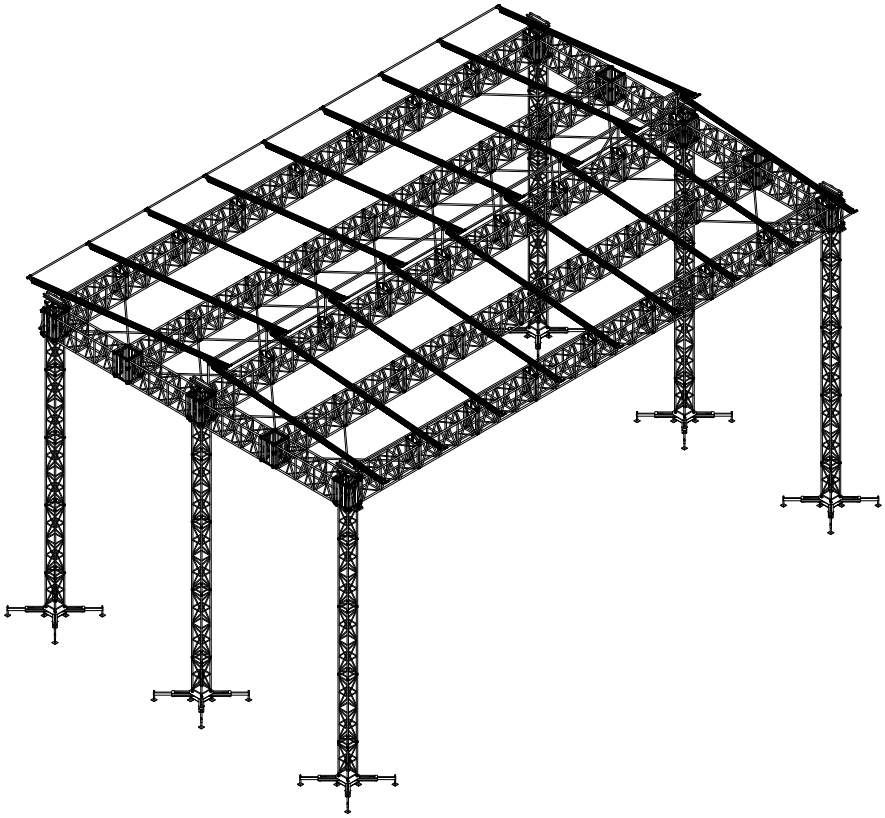

RL105A

Double Pitch 24x16 m

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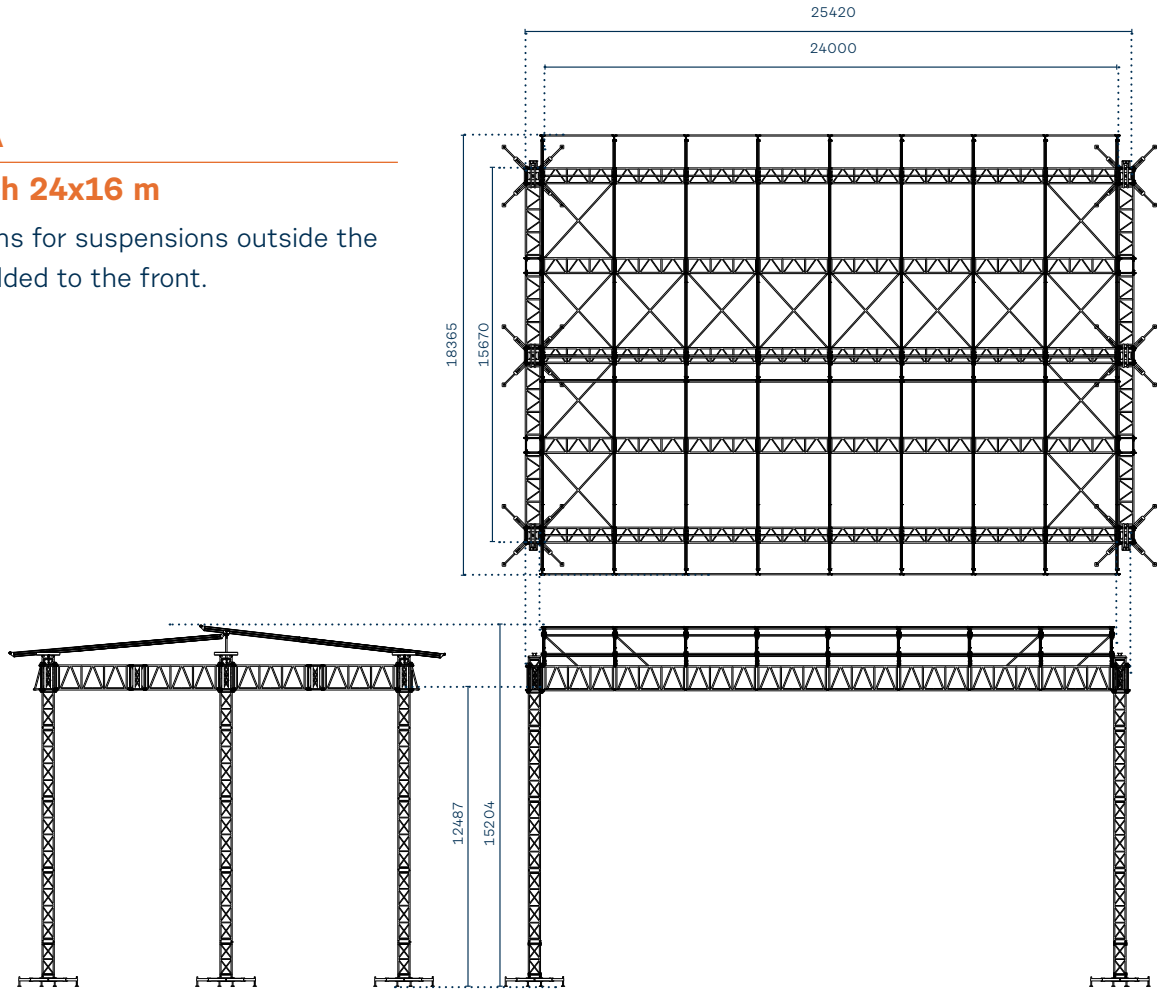
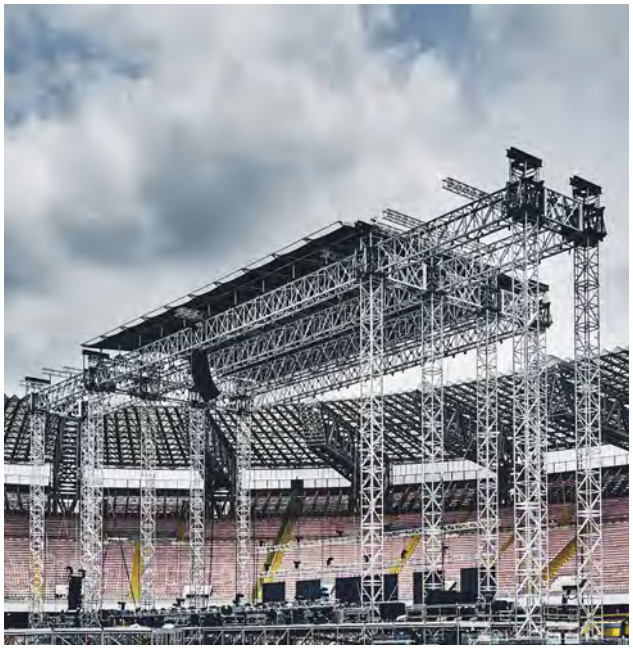


MyT Folding Steroid



33x20 m + 9 m of P.A. WINGS

The Roof size can easily be adapted by combining the width (33, 30 and 27 meters) and the depth (20, 17 and 14 meters).In any formation, the towers in conjunction with the ballast base system guarantee high stability and solidity of the structure.

MyT Folding Steroid is a new concept in ultra high load truss that is the perfect choice for any temporary or semi-permanent structure. Made from EN AW-7003 T6 high performance aluminum alloy it maintains its form and undergoes minimal deflection even at maximimum load allowing higher load capacity at longer spans than any other truss system.

MyT Folding Steroid truss can be folded, locked and moved by a single person. It's folding design reduces the transport and storage space required, making it the best investment for large structures - the perfect balance of cost, performance and handling!

Dimensions		33x20 m + 9 m of P.A.
Height range*	→	from 15 to 25 m
Main truss	→	MyT Folding Steroid
Towers	→	MT85
Uniformly distributed load (UDL) **	→	≈ 30.5 tons
Chain hoists	→	5 or 6 tons

* Range suggested according to the dimensions of the roof system.

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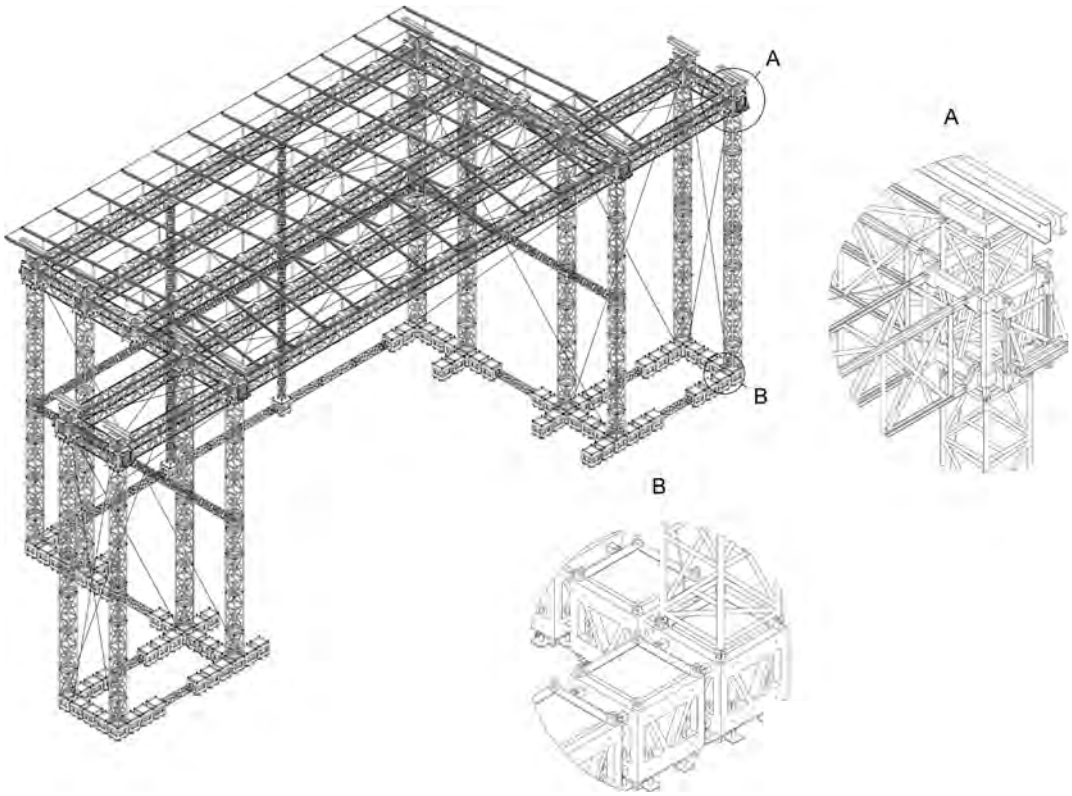
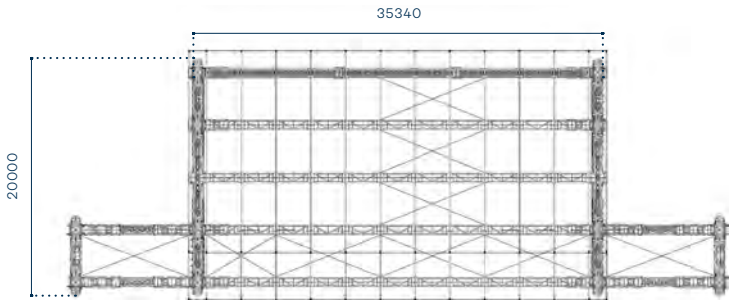
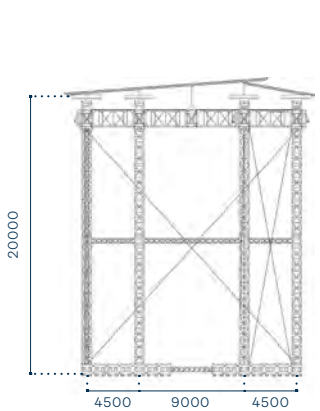


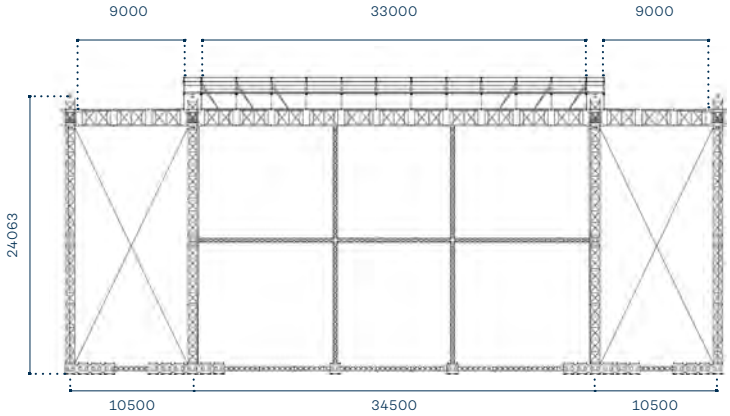
MyT Folding Steroid

33x20 m + 9 m of P.A. WINGS

The MYT Folding Steroid truss is the best investment in the industry for large events in terms of cost/performance/handling.








ALESSANDRA
AMOROSO
PINO DANIELE
TRUST ONLUS

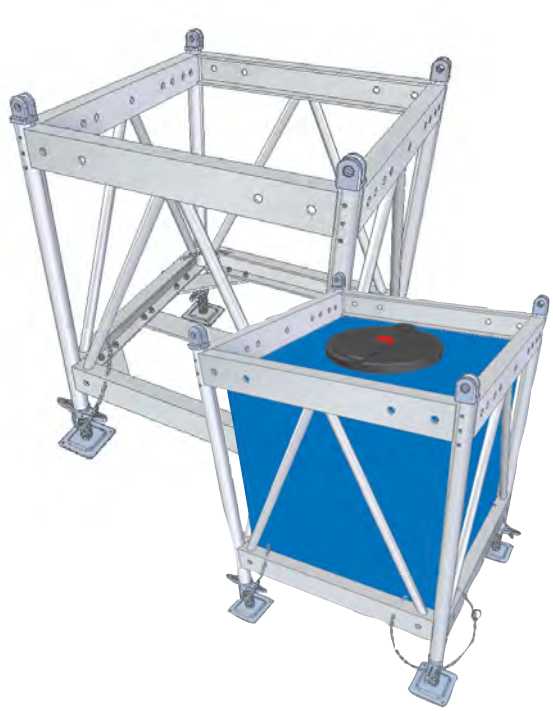

AMOROSO
ALESSANDRA

Ballast Systems

The integration solution

LITEC is pleased to present the brand new water ballast series. These solutions integrate ballast inside structures through suitable connection kits or interfaces. The 4 models available come in either aluminium or steel and consist of a metal cage and a tank that can be filled with water or any other material on site. The metal cage is provided with adjustable feet to be placed on the ground or forks to link or stack cages on top of one another. These new products include a complementing range of accessories.

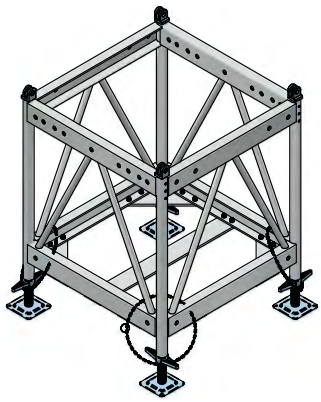
Aluminium Ballast Systems with feet
Aluminium Ballast Systems with forks
Steel Ballast Systems with feet
Steel Ballast Systems with forks

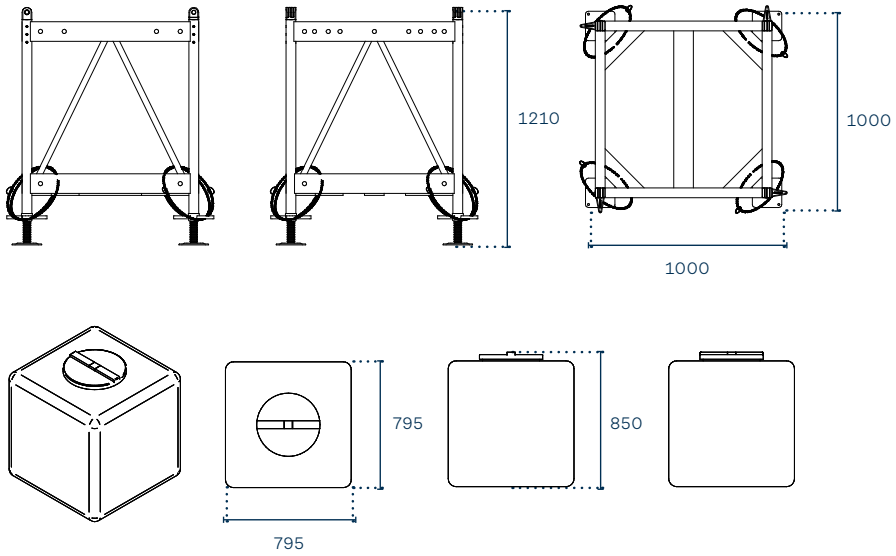


Aluminium Ballast Systems with adjustable feet

Structures are constructed out of aluminium, a light weight material which from a cost perspective remains very stable over time. The dimensions of this ballast system are 1 x 1 x 1.2 m. The tank, which can hold up to 500 litres of water, is filled at the top by hose and emptied through a bung in the bottom.

Dimensions





Accessories

Water tank

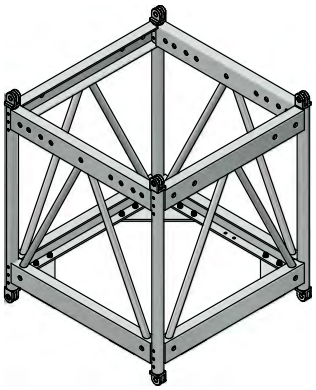
Connection kit

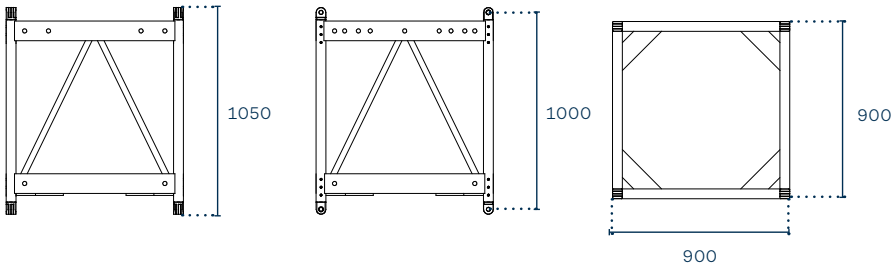
Tower connection for steel

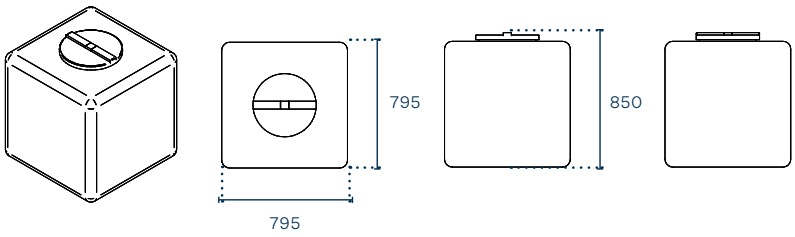
Aluminium Ballast Systems with forks

Ballast is used to provide stability to a structure.
It is possible to manage modular ballast systems according to various needs.
You can combine them on a base-plate to create a single anchor point or linked together at tower bases on an outdoor roof structure. Tower frames are thought to interface with QL40A, QL52A and QL76 trusses and LIBERA Alusfera through suitable connection kits. These ballasts are totally integrated in the Flyintower 15-2,000 concept.

Dimensions





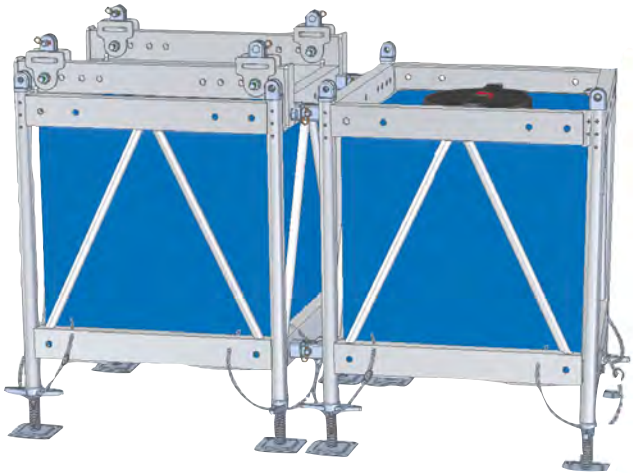


Accessories

Water tank

Connection kit

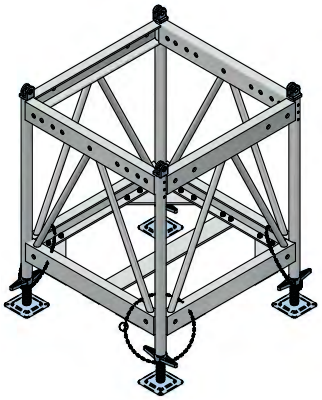
Tower connection for steel

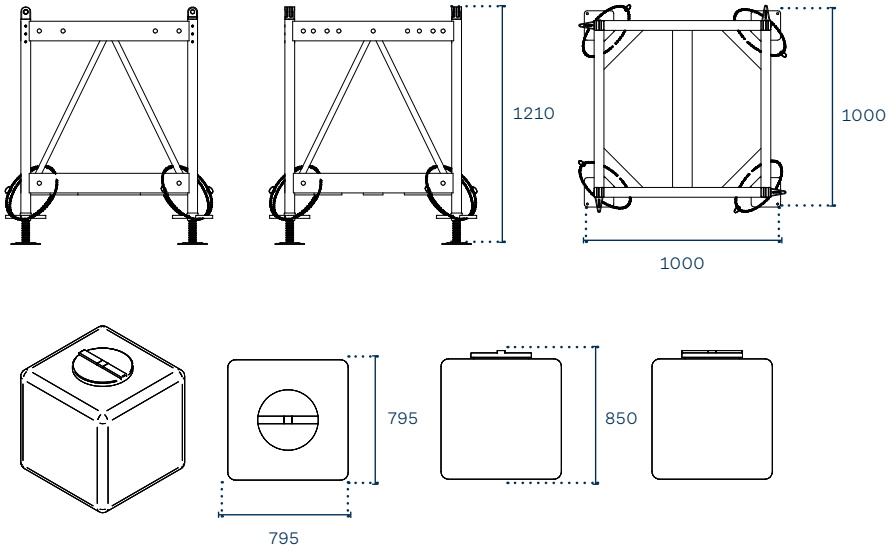


Steel Ballast Systems with adjustable feet

They are solidly built, and easy to assemble and dismantle. Staging often requires static weight to counteract forces and these systems are a very good answer. While the standard ballast for large events is water in tanks, for a small rig tanks can be filled with sand or other materials.

Dimensions





Accessories

Water tank

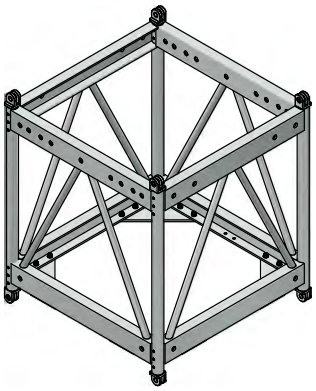
Connection kit

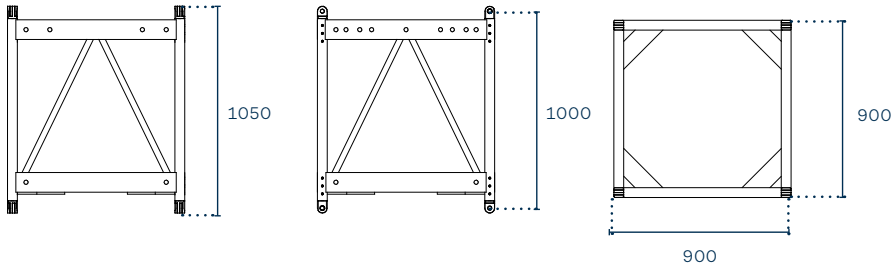
Tower connection for steel

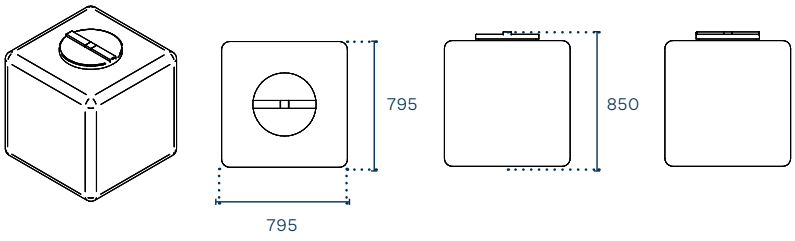
Steel Ballast Systems with forks

Ballast provide stability. Water ballast is a very simple solution to holding down marquees and staging.
They can easily be stacked they can be stacked one on top of the other.
The versatility of modules allows to disassemble and reinstall structures quickly not only as a square base but with several configurations, allowing to meet any specific requirement.

Dimensions





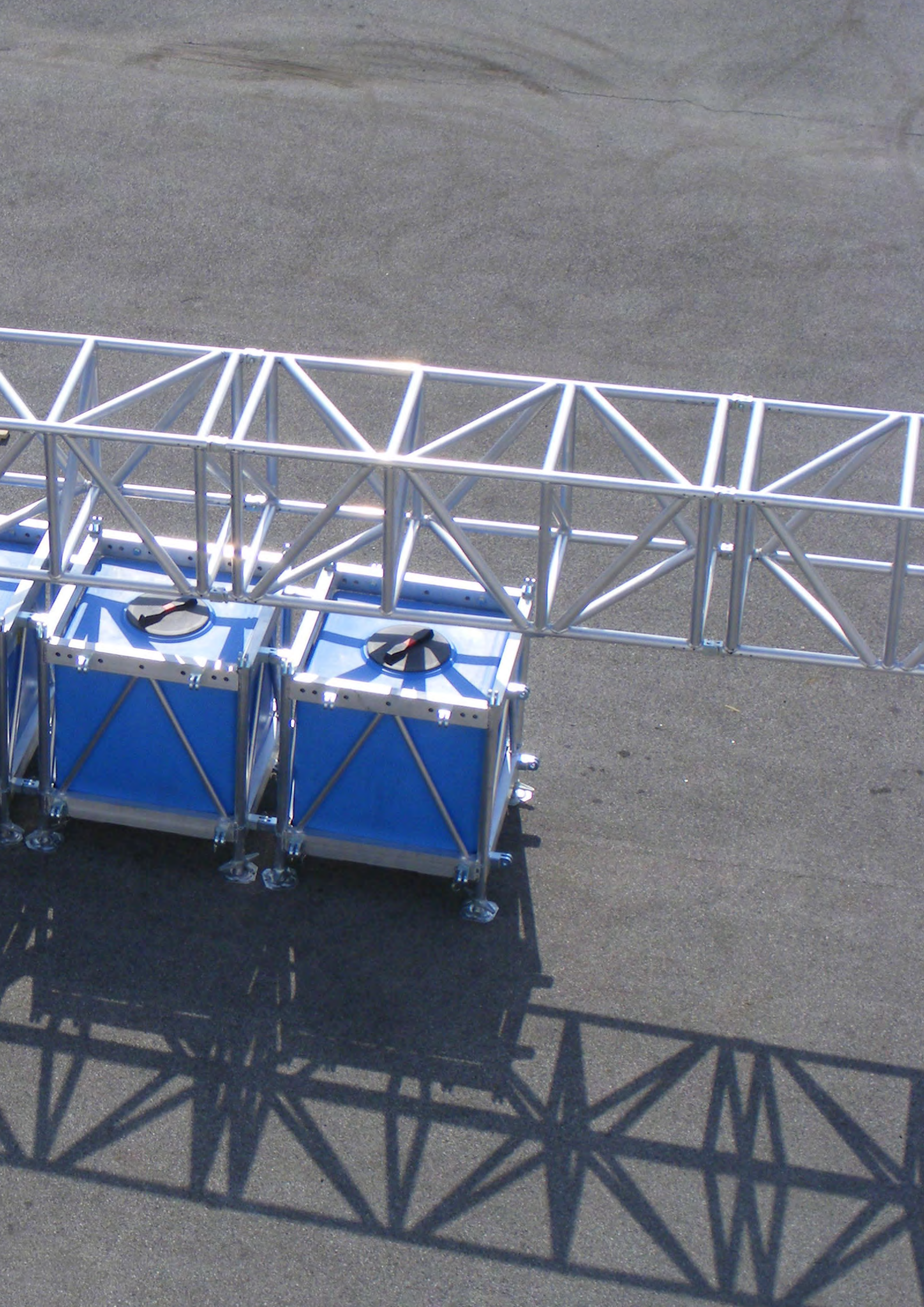


Accessories

Water tank

Connection kit

Tower connection for steel



Crowd Barriers

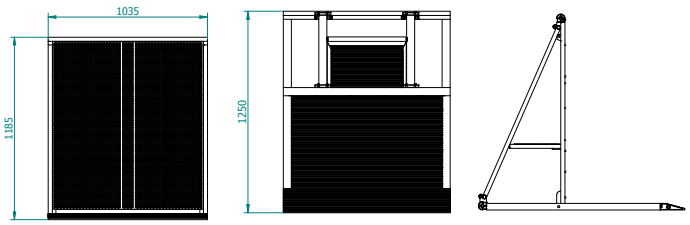
Safety and comfort

Crowd barriers are commonly used at events calling for demarcation or prohibition of access to and from open spaces. LITEC is pleased to present its brand new crowd barriers series. They are made in aluminium, a durable and absolutely environmental friendly material. They are foldable, easy to remove, store, transport and install and disassemble. They distinguish themselves for their high quality, corrosion and aging resistance, offering a combination of optimum safety and comfort for both the audience and rescue personnel.
They are connected one by one, and feature extended footboard to make the barriers more stable as well as an adjustable corner. The slope on front board avoids accidental tripping. Here below you will find the first models. Our engineering staff is designing a complete range of products that will be available soon.

Standard module
Standard half module
Adjustable corner module
Gate access & cable slot module
Cable access module
Vario light module
Vario light with 15 cm module
Trolley module
Outside corner 90° module
Inside corner 90° module
Inside corner 30° module
Single gate access module
Two entrance check point
Emergency gate module
90° Compensator
Height adjustable adaptor

Standard module

They are standard lightweight crowd control systems. They can be bolted together for one firmly anchored fence that will remain in place even in very agitated situations. They fold flat after use and can be stacked on dollies or easy transport and storage.
Each barrier weighs 40.3 kg and measures 1035x1250x1185 (H) mm.

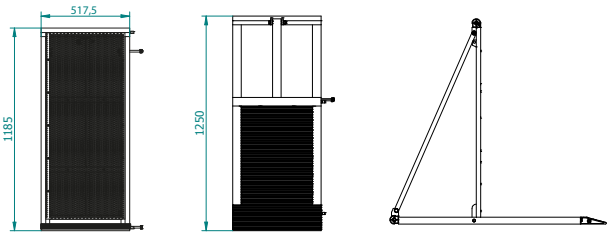


Crowd Barrier – Standard module

Code	→	CWB-B
Material	→	Aluminium alloy EN AW-6082 T6
Dimensions	→	1035 x 1250 x 1185 (H) mm
Weight	→	40.3 kg
Connection kit	→	included

Standard half module

Foldable, all aluminium barrier that's half the size of a standard barrier. Bolts together with single modules for a unified, firmly anchored barrier that withstands unruly crowds. Fold flat after use and stack on dollies for convenient transport and storage. Each barrier weights 20.8 kg and measures 518x1250x1186 (H) mm.

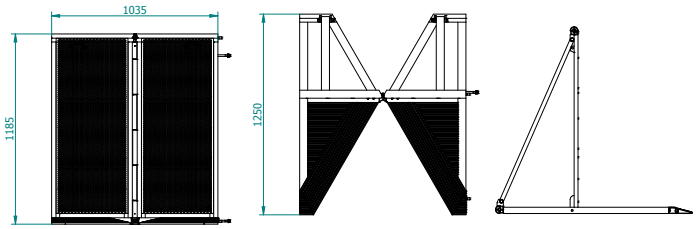


Crowd Barrier – Standard half module

Code	→	CWB-BH
Material	→	Aluminium alloy EN AW-6082 T6
Dimensions	→	518 x 1250 x 1186 (H) mm
Weight	→	20.8 kg
Connection kit	→	included

Adjustable corner module

0° / +60° / -60°

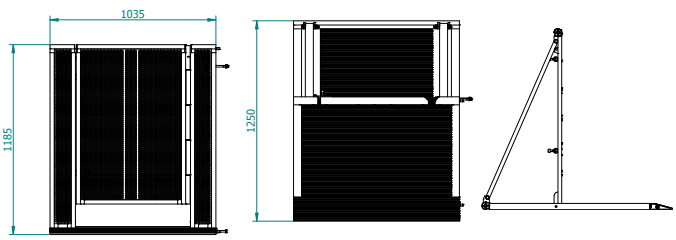


Apart from the standard section, the barrier can be delivered in several corner types to meet any environment requirements. It folds flat after use and can be stacked on dollies for easy transport and storage.
Each barrier weighs 48 kg and measures 1035x1250x1185 (H) mm.

Crowd Barrier – Adjustable corner module 0° / +60° / -60°

Code	→	CWB-VC
Material	→	Aluminium alloy EN AW-6082 T6
Dimensions	→	1035 x 1250x1185 (H) mm
Weight	→	48 kg
Connection kit	→	included

Gate access & cable slot module



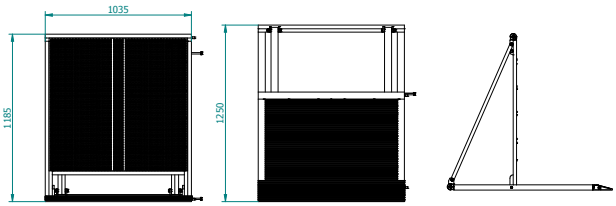
Crowd barriers are used ad hoc when audiences and spectators need to be held at a distance, but sometimes you need to have an easy access. This is the case with this variant provided with a gate. LITEC crowd barriers ensure safety, high quality and ease of use with ergonomics and easy handling. They fold flat after use and can be stacked on dollies for easy transport and storage. Each barrier weighs 45 kg and measures 1035x1250x1185 (H) mm.

Crowd Barrier – Gate access & cable slot module

Code	→	CWB-DC
Material	→	Aluminium alloy EN AW-6082 T6
Dimensions	→	1035 x 1250 x 1185 (H) mm
Weight	→	45 kg
Connection kit	→	included

Cable access module

Crowd barriers are used at sports events, political rallies, parades, demonstrations, and outdoor and indoor performances. This model can hold cables for a safe way of laying and protecting cables, hoses and ducts. All profiles have soft, rounded edges for maximum comfort. They fold flat after use and can be stacked on dollies for easy transport and storage. Each barrier weighs 49.3 kg and measures
1035 x 1250 x 1185 (H) mm.

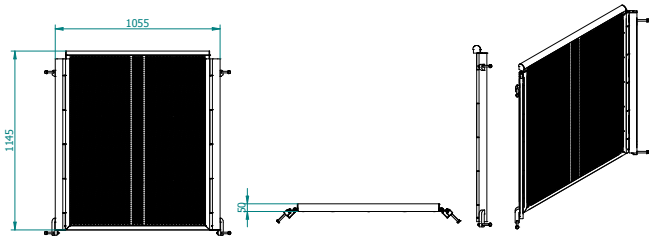


Crowd Barrier – Cable access module

Code	→	CWB-BC
Material	→	Aluminium alloy EN AW-6082 T6
Dimensions	→	1035 x 1250 x 1185 (H) mm
Weight	→	49.3 kg
Connection kit	→	included

Vario light module

A double-hinged corner without floorplate, the Vario Light module is a vertical part that connects with other barriers sections. This enables the Vario Light module to angle in any shape wanted varying from -90° to +90°.

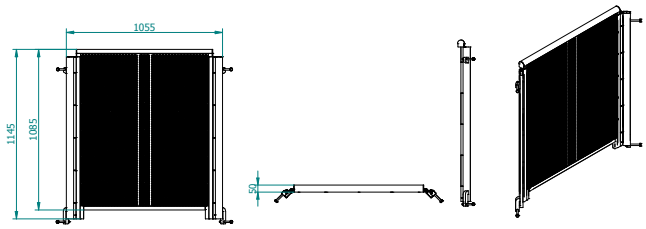


Crowd Barrier – Vario light module

Code	→	CWB-VL
Material	→	Aluminium alloy EN AW-6082 T6
Dimensions	→	1055 x 1145 mm
Weight	→	20 kg
Connection kit	→	included

Vario light with 15 cm module

A double-hinged corner without floorplate, the Vario Light module is a vertical part that connects with other barriers sections. Barrier module with 15 cm cable slot. 0° to 90° adjustable angle for variable adjustment.

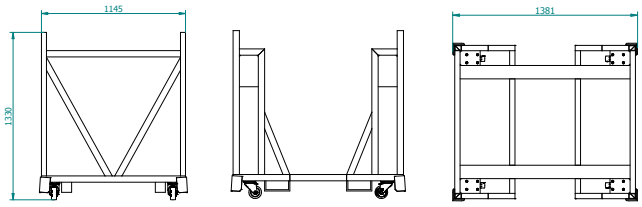


Crowd Barrier – Vario light with 15 cm module

Code	→	CWB-VLC
Material	→	Aluminium alloy EN AW-6082 T6
Dimensions	→	922 x 250 x 1186 (H) mm
Weight	→	19.1 kg
Connection kit	→	included

Trolley module

A quality aluminium trolley has been developed to hold 10 folded standard crowd barriers.
Crowd barriers folded flat are easily stored and transported in the trolley.

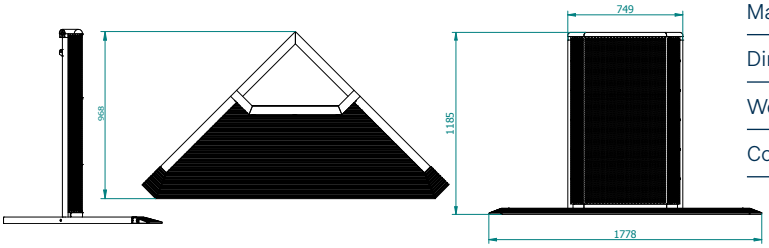


Crowd Barrier – Standard single unit

Code	→	CWB-CART
Material	→	Aluminium alloy EN AW-6082 T6
Dimensions	→	1360 x 1155 x 1272 (H) mm
Weight	→	59 kg

Outside corner 90° module

Barrier module for cretaing 90° outside corners. Bolts together with single modules for a unified, firmly anchored barrier that withstands unruly crowds. Fold flat after use and stack on dollies for convenient transport and storage.

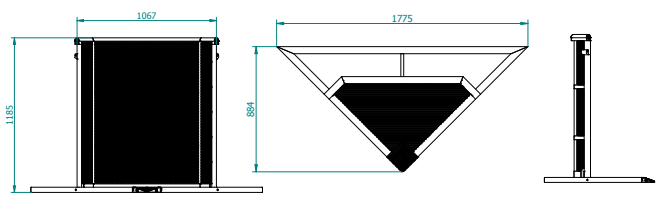


Crowd Barrier – Outside corner 90° module

Code	→	CWB-OC90
Material	→	Aluminium alloy EN AW-6082 T6
Dimensions	→	968 x 1778 x 1186 (H) mm
Weight	→	30.4 kg
Connection kit	→	included

Inside corner 90° module

Barrier module for cretaing 90° inside corners. Bolts together with single modules for a unified, firmly anchored barrier that withstands unruly crowds. Fold flat after use and stack on dollies for convenient transport and storage.

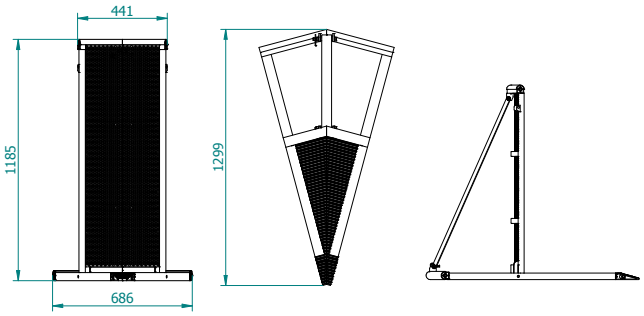


Crowd Barrier – Inside corner 90° module

Code	→	CWB-IC90
Material	→	Aluminium alloy EN AW-6082 T6
Dimensions	→	884x1 775 x 1186 mm
Weight	→	27.5 kg
Connection kit	→	included

Inside corner 30° module

Barrier module for cretaing 30° inside corners. Bolts together with single modules for a unified, firmly anchored barrier that withstands unruly crowds. Fold flat after use and stack on dollies for convenient transport and storage.

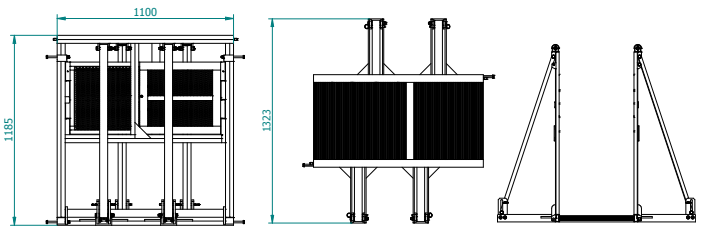


Crowd Barrier – Inside corner 30° module

Code	→	CWB-IC30
Material	→	Aluminium alloy EN AW-6082 T6
Dimensions	→	686 x 1250 x 1186 (H) mm
Weight	→	15.8 kg
Connection kit	→	included

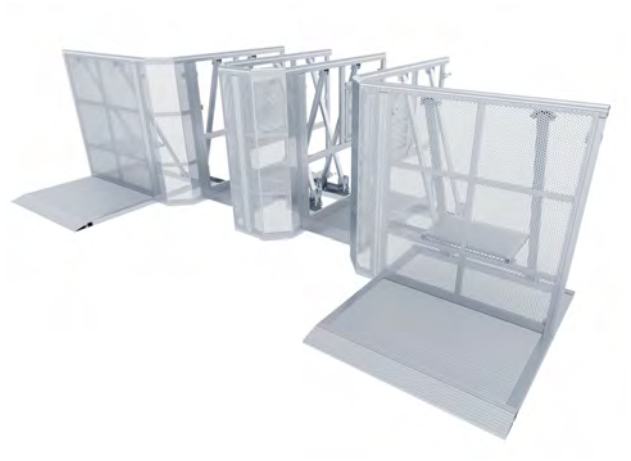
Single gate access module

The single gate barrier module is the right choice when you need only one access point for crowds entering live events. Bolts together with single modules for a unified, firmly anchored barrier. Fold
flat after use and stack on dollies for convenient transport and storage.



Crowd Barrier – Single gate access module

Code	→	CWB-SGA
Material	→	Aluminium alloy EN AW-6082 T6
Dimensions	→	1323 x 1100 x 1186 (H) mm
Weight	→	57.6 kg



Two entrance check point

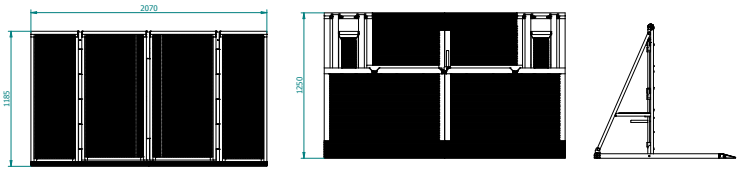
A safe and secure check point with two entry points. Easy to move, store, transport, install and disassemble. All aluminium construction offers you extreme durability during all seasons, as well resistance to aging and corrosion.

Crowd Barrier – Two entrance check point

Code	→	2x CWB-B + 4x CWB-90C + 2x CWB-SGA
Material	→	Aluminium alloy EN AW-6082 T6
Connection kit	→	included

Emergency gate module

Emergency Gate Module provides immediate access to your audience when it counts the most. Footsteps above the deck allow for easier lifting of persons with health issue over the barrier and two separate door gates provide a convenient 115 cm entrance/exit point for your staff before, during and after the event.

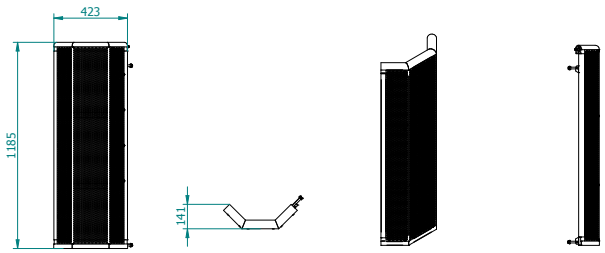


Crowd Barrier – Emergency gate module

Code	→	CWB-EG
Material	→	Aluminium alloy EN AW-6082 T6
Dimensions	→	2070 x 1250 x 1186 mm
Weight	→	100.8 kg
Connection kit	→	included

90° Compensator

The compensator serves as a standing area between the two entry points of the Two entrance check point and to connect the entry point to the standard barrier.

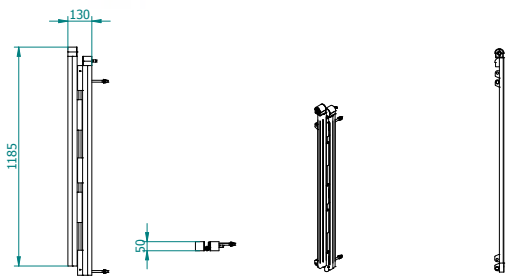


Crowd Barrier – 90° Compensator

Code	→	CWB-90C
Material	→	Aluminium alloy EN AW-6082 T6
Dimensions	→	425 x 141 x 1186 (H) mm
Weight	→	8.1 kg
Connection kit	→	included

Height adjustable adapter

LITEC's height adjustable adapter ensures that your barrier modules are stable and secure on uneven ground and other types of challenging terrain.



Crowd Barrier – Height adjustable adaptor

Code	→	CWB-LHA
Material	→	Aluminium alloy EN AW-6082 T6
Weight	→	4.3 kg
Connection kit	→	included

Cablecross

Reliable cable protection

They are designed to meet the increasing need of a safe way of laying and protecting cables, hoses and ducts.
They are patented models and their continuous development has made them superior quality products.

They guarantee:
→ Tidy laying of c ables and ducts;
→ Separated channels.
→ They can contain plugs and sockets;
→ They do not obstacle movement in public areas;
→ They can be easily crossed by small wheels;
→ They are extremely resistant to heavy vehicles crossing;
→ They comply with safety regulations.

Cablecross 25HD
Cablecross 66HD

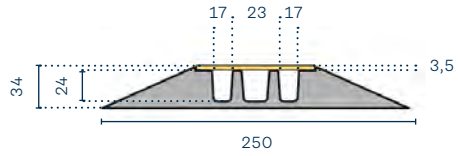
Cablecross 25HD

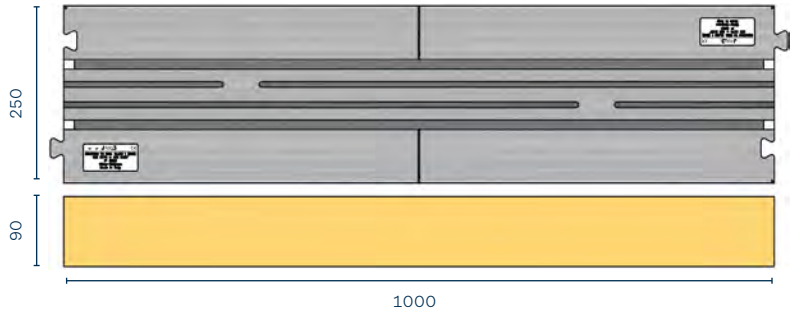
3-channel cable duct. It is the best solution for holding electrical wiring, telephonic and data cables, hydraulic lines, in offices, yards, trade centres, markets, camping places, live events, exhibition centres, military and public areas.

Technical specifications

Use	→	pavement
Reaction to Fire:	→	CLASS 1 in accordance with the uni 9174 + uni 8457
It complies with the EEC 73/23 directives regarding the low voltage electrical equipment		
It can be crossed by heavy vehicles according to its maximum roll-on load: 170N/cm^2		
Excellent resistance to solvents, acids, oils and atmospheric agents		
Max. operating voltage:	→	1000v c.a. - 1500 v c.c.
Insulation resistance:	→	29.5 GΩ
Protection:	→	IP30xc (according to CEI EN 60529-9/92 regulations)
Surface hardness:	→	90-98 (shore A)
Body:	→	semi-rigid expanded polyurethane & auto-peeling moulded extremely resistant against cuts or incisions
Top lid material:	→	polycarbonate / PC (very flexible and resistant)
The lid is fixed to the base by means of a moulded tug hinge (velcro ®)		

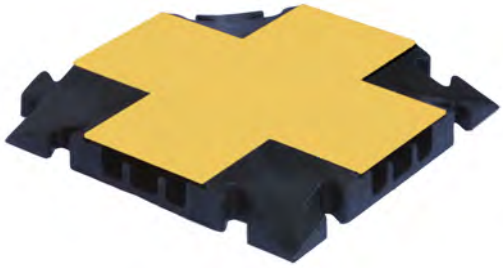
Cablecross code			Description
CC25HD		→	CC25HD Cablecross - 3 channel
CC25HDX4		→	4-way cross CCH25HD corner
CC25LHD		→	CC25HD Cablecross lid
CC25LHDX4		→	4-way cross CC25HD corner lid
CCSTM	CC	→	Strap for lid – M Size
CC25LOGO		→	CC25HD Logo Personalization

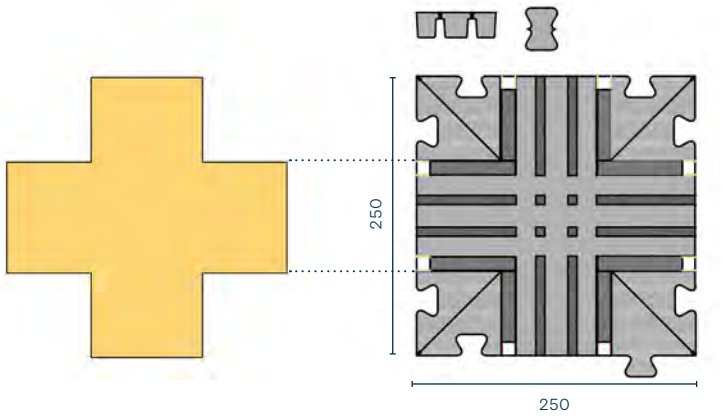




Cablecross 25HD Code CC25HD

Dimensions	→	250 x 34 x 1000 mm
Number of Cable-cross per package	→	5
Weight	→	2.85 kg
Lid weight	→	0.40 kg



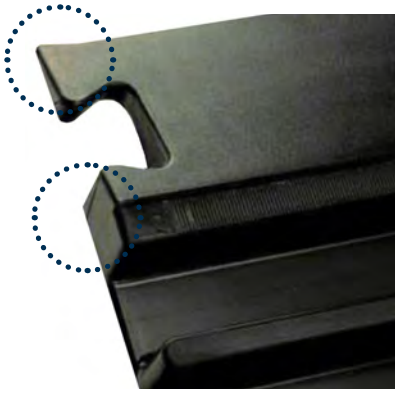


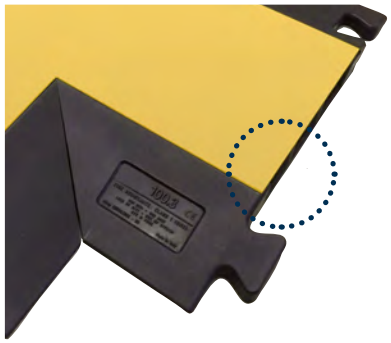
4-Way Cross Corner Code CC25HDX4

Dimensions	→	250 x 34 x 250 mm
Number of Cable-cross per package	→	1
Weight	→	0.80 kg
Lid weight	→	0.20 kg

Cablecross 25HD

1. Rounded angles - no steps.
2. Moulded Velcro (not glued).
3. Ergonomic built-in handle with rounded edges.
4. Prearrangement for ground fastening.



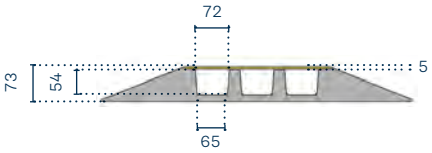


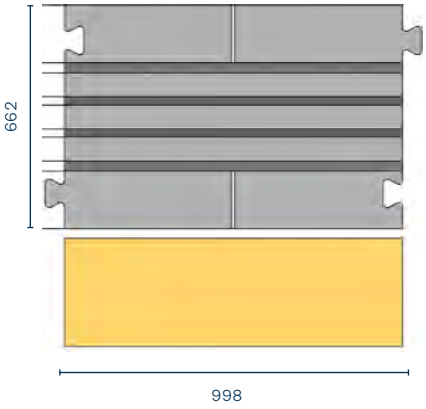
Cablecross 66HD

3-channel cable duct. It is the best solution for holding electrical wiring, telephonic and data cables, hydraulic lines, in offices, yards, trade centres, markets, camping places, live events, exhibition centres, military and public areas.

Use	→	pavement
Reaction to Fire:	→	CLASS 1 in accordance with the uni 9174 + uni 8457
It complies with the EEC 73/23 directives regarding the low voltage electrical equipment		
It can be crossed by heavy vehicles according to its maximum roll-on load: 170N/cm^2		
Excellent resistance to solvents, acids, oils and atmospheric agents		
Max. operating voltage:	→	1000v c.a. - 1500 v c.c.
Insulation resistance:	→	29.5 GΩ
Protection:	→	IP30xc (according to CEI EN 60529-9/92 regulations)
Surface hardness:	→	90-98 (shore A)
Body:	→	semi-rigid expanded polyurethane & auto-peeling moulded extremely resistant against cuts or incisions
Top lid material:	→	polycarbonate / PC (very flexible and resistant)
The lid is fixed to the base by means of a moulded tug hinge (velcro ®)		

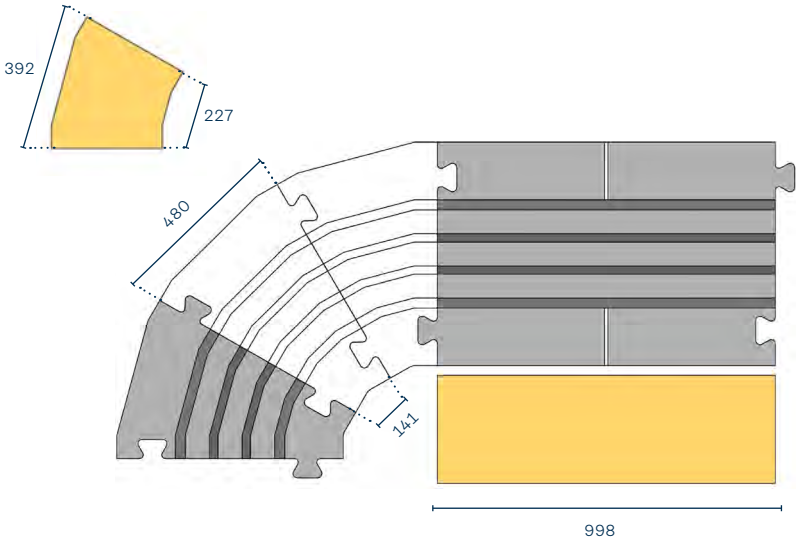
Cablecross code		Description
CC66HD	→	CC66HD Cablecross - 3 channel
CC66HDC30	→	30° 2-way cross CCH66HD corner
CC66HDT3	→	3-way “T” CC66HD Corner
CC66LHDC	→	CC66HD Cablecross Lid
CC66LHDT3	→	CC Strap for lid – M Size
CC66LHDC30	→	CC25HD Logo Personalization
CC66LHDC	→	4-way cross CC25HD corner lid
CC66LHDT3	→	CC Strap for lid – M Size
CC66LHDC30	→	CC25HD Logo Personalization





Cablecross 66HD Code CC66HD

Dimensions	→	662 x 73 x 1000 mm
Number of Cable-cross per package	→	2
Weight	→	12.8 kg
Lid weight	→	1.5 kg

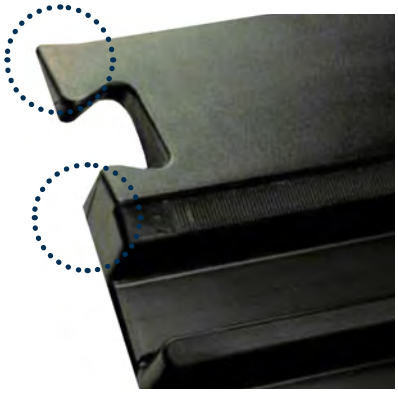


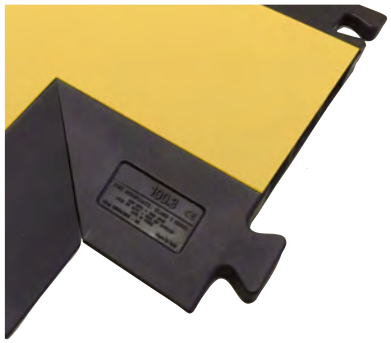
30° 2-WAY Corner Code CC66HDC30

Dimensions	→	370 x 73 x 375 mm
Number of Cable-cross per package	→	1
Weight	→	3.7 kg
Lid weight	→	0.40 kg

Cablecross 66HD

1. Rounded angles - no steps.
2. Moulded Velcro (not glued).
3. 3-way “T” CORNER
4. Prearrangement for ground fastening.





LITEC TRUSS WORLD

Special thanks

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Infomedia Sistemi, Skopje, Macedonia – LED SCREEN Ground Supports

Lamantia Tommaso, Milan, Italy, MyT picture from Vasco Rossi's concert

Limelite srl, Roma, Italy – Maxitower 40

Litterini SM, Trento, Italy, END PLATED Roof Systems

MACOSTAR, Hong Kong, QX30SA

Massimo Stage, Naples, Italy - MyT Steroid

Mediteran Produkcija d.o.o., Šibenik, Croatia - RL105A, QL52A Roof system

Milos America, Inc., Ashland, VA – LIBERA Alusfera 2

Mister X, Cremona, Italy - PR60 Revolution

Music Data s.r.o., Velke Mezirici, Republica Ceca - Fork Roof Systems

Musitelli Film & Digital S.A., Montevideo, Uruguay, Varitower

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TRANSCOLOR, Szeligi, Poland- RF40

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Z.i Lighting, Croatia, QL40A, END PLATED Trusses Roof Systems