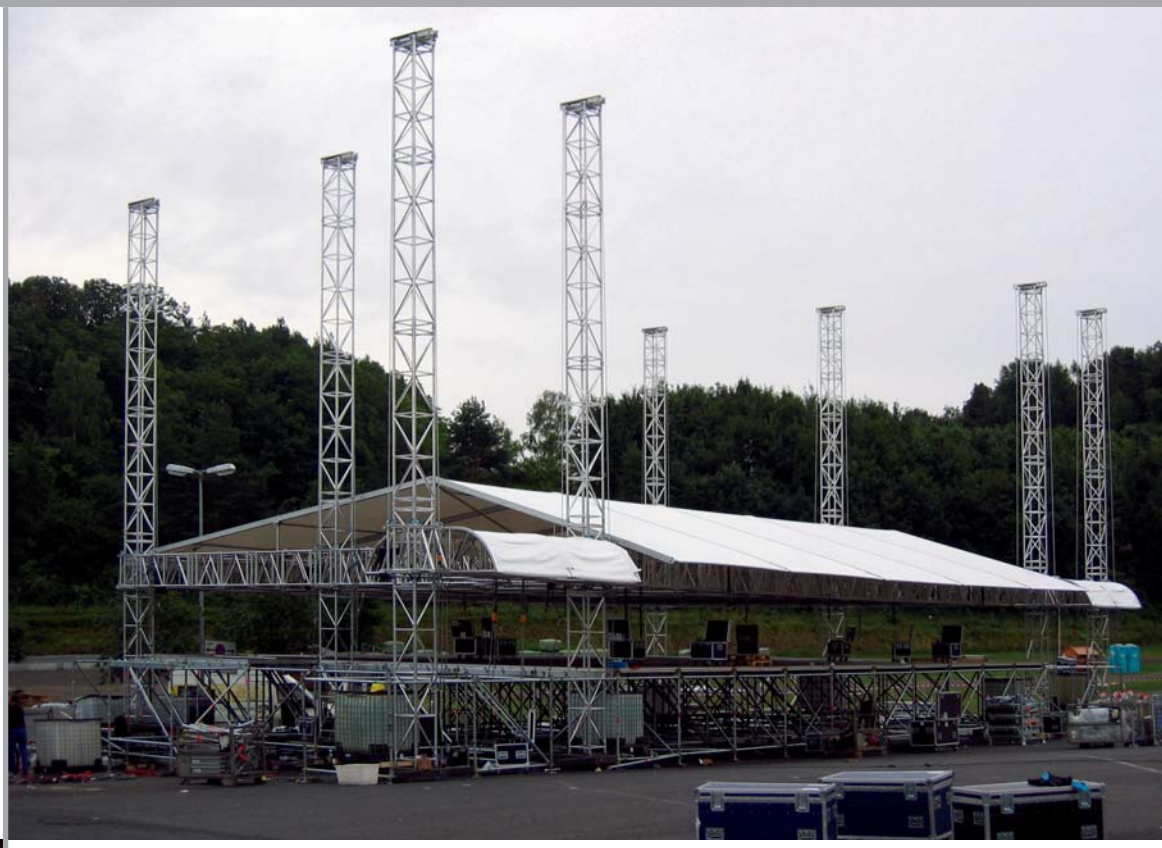
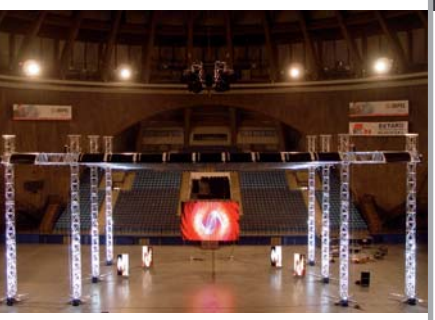
Libera 76

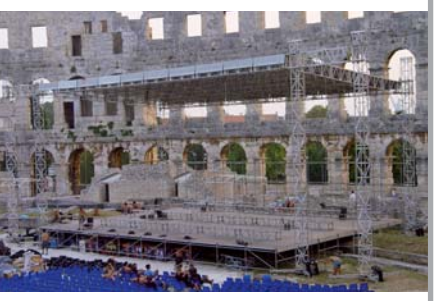
Roofing systems assembled on Maxitower 52 lifters and Libera 76 grid. These may be assembled both with single-pitch and ridged roofs, as shown.
In the case of single-pitch roofs, the upper grid is built with Libera FL76R trusses.
Normal Libera FL76 trusses are used for the ridged roof version with the addition of support systems and sliding guides for the roofing sheet, which are fixed to the grid. The latter arrangement has the advantage of having a horizontal hanging plane.

It is possible to build extensions on the front of both versions and add two wings to the main body.

The data and drawings shown on these two pages illustrate single-pitch roofing.





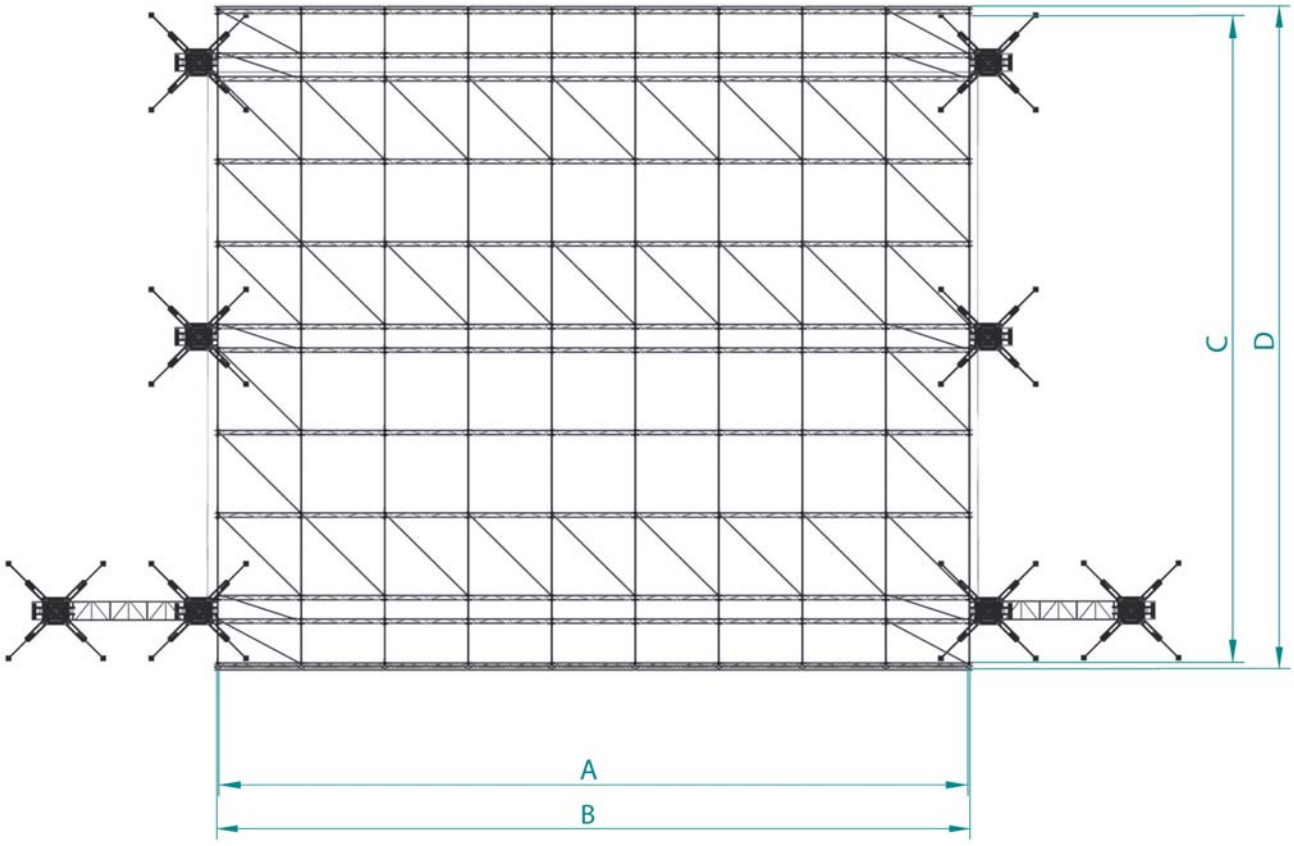


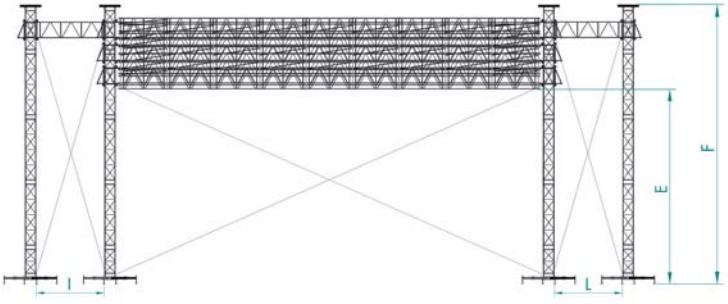
	LIBERA FL76 17 x 13m RS D 17 13 LS	LIBERA FL76 19,5 x 17m RS D 19.5 17 LS
Uniformly distributed load*	10,000 kg	12,000 kg
Weight	4,520 kg	7,762 kg
Transport volume	32.5 m^3	63.5 m^3
Covered area/stowage volume ratio**	7.2	5.3
Towers	Maxitower 52	Maxitower 52
Trusses for lifter	QL52A	QL52A
Trusses for roofing	LIBERA FL76R	LIBERA FL76R
Roofing sheet	Self-extinguishing Class 2 - 650 g/mq	Self-extinguishing Class 2 - 650 g/mq
Dimensions:		
- A	17 m	19.5 m
- B	18 m	20.5 m
- C	13 m	17 m
- D	13 m	17 m
- E	10.5 m	10.5 m
- F	12.5 m	12.5 m
- G	10.5 m	10.5 m
- H	12.5 m	12.5 m
- I	3 m	3 m
- L	3 m	3 m

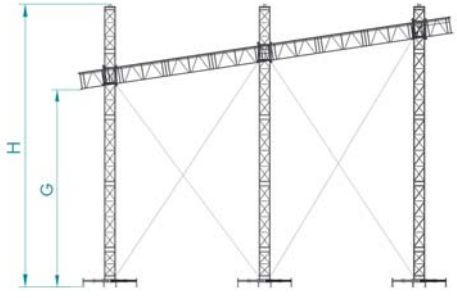
* Indicative loading data for use in environments without wind.
For details and further information, please consult the technical specifications or contact our engineering department or distributors.

** 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.

HIGH LOAD LINE







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 and 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.

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.