Photo: BVRent

SYSTEM DESCRIPTION

The CLT Roof is a tower-based structure with a curved roof. It is based on the standard MPT Roof, which can easily be transformed into a CLT Roof simply by adding a different set of top units.
The CLT rooftop section is based on arched H30D truss with integrated keder profiles to mount the canopy. These arches are supported by special frames which are mounted on the basic grid trusses.

INCLUDING

- Tension gear and steel wires
- Structural report

ROOF STRUCTURE	
Towers	4 x MPT-tower
Main grid	H40V and H30D truss
TECHNICAL SPECIFICATIONS - CLT ROOF	
Dimensions	12 x 10 m, 12 x 8 m, (39'4" x 32'9"), (39'4" x 26'3")
Loading capacity (UDL)	12 x 10 m approx. 2470kg 12 x 8 m approx. 2470kgv
Total weight	approx. 1900 kg / 4188 lbs
Transportation volume	approx. 32 m^3 / 1130 cu. ft.
Max. wind speed	28,4 m/second, 63,3 mph

OPTIONS	
Canopy	side, back and top
Canopy colour	standard: outside grey, inside black (other colours possible)
Soundwings	optional (yes, 1000kg)
Ballast	several possibilities on request from 1,5 - 3 ton per tower depending on construction
Staging	Prolyte stage elements, EasyFrame B or Probeam combined with a scaffolding stage
Cantilever	yes (included)
ProLyft hoist	yes (included)
(12x10 CLT roof)	4x PAE-1000DC-0020 4x PAE-A-FC1000 1x PLA-33-20 2x PLA-30-10 1x PAE-C4DC-10 1x PLA-41-001 4x PAE-A-50-010 2x PLA-30-20 1x PLA-34-02

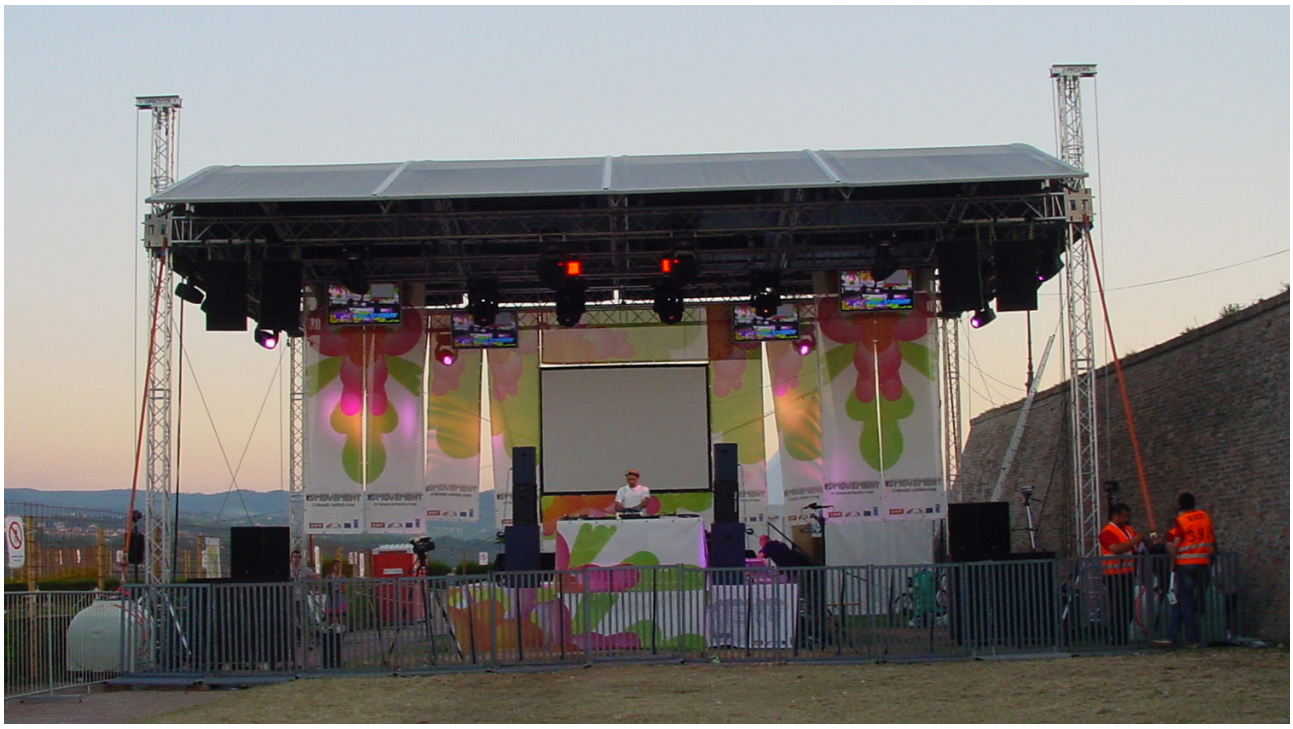
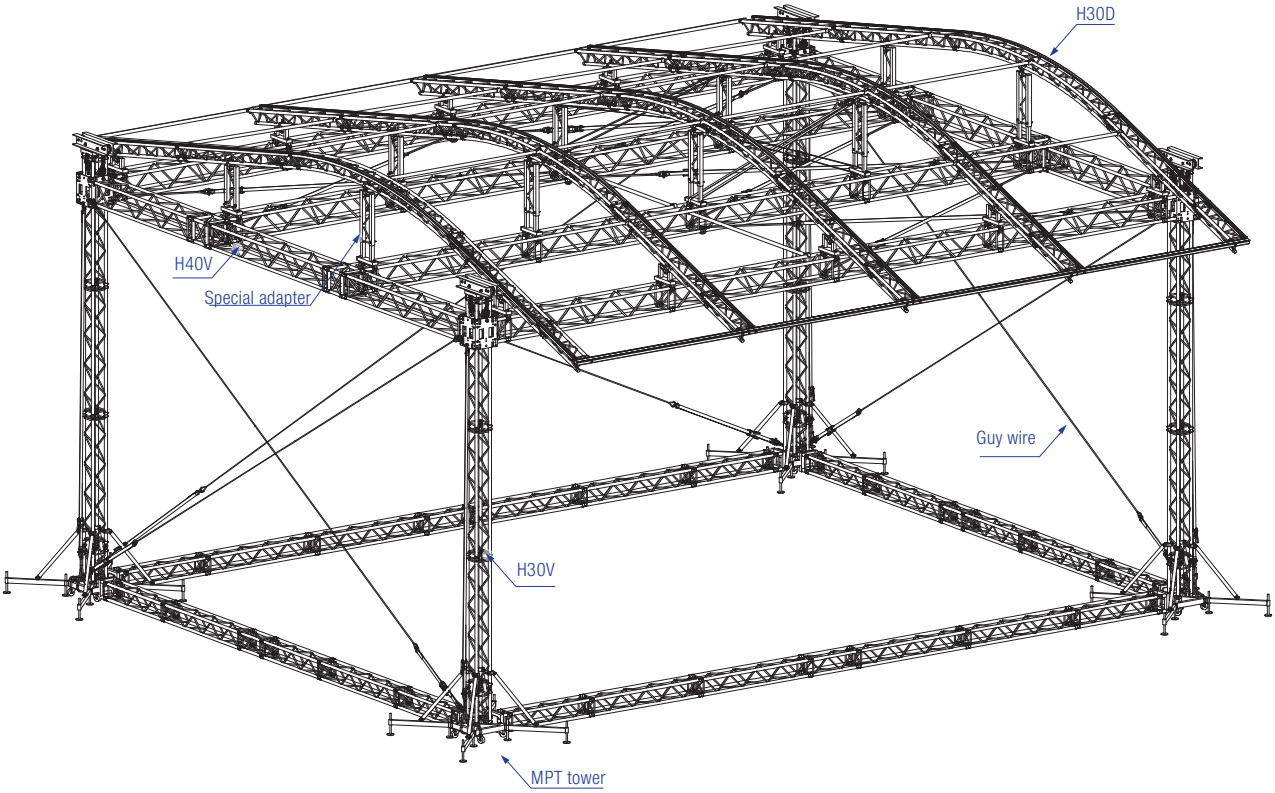
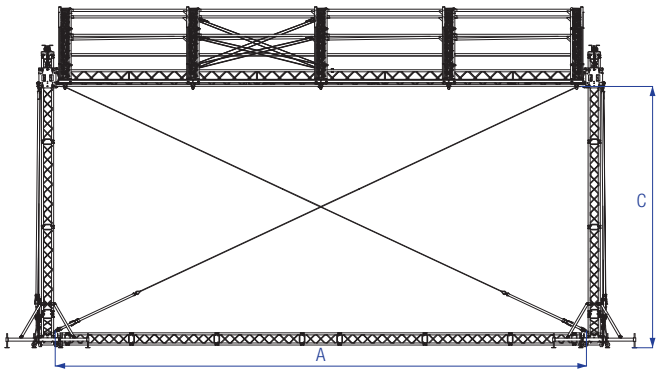


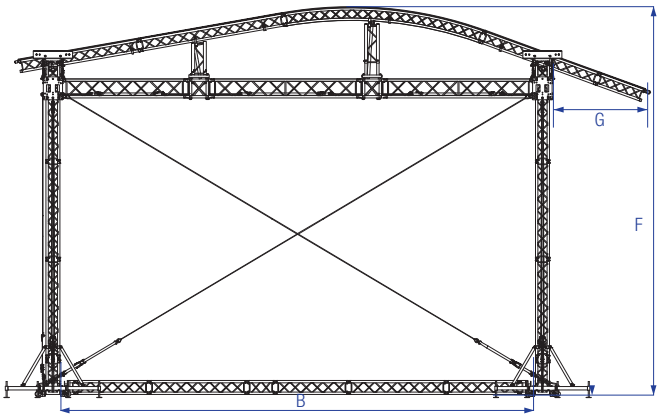
Photo: PSP ELEKTRONIK, Project: MTV stage



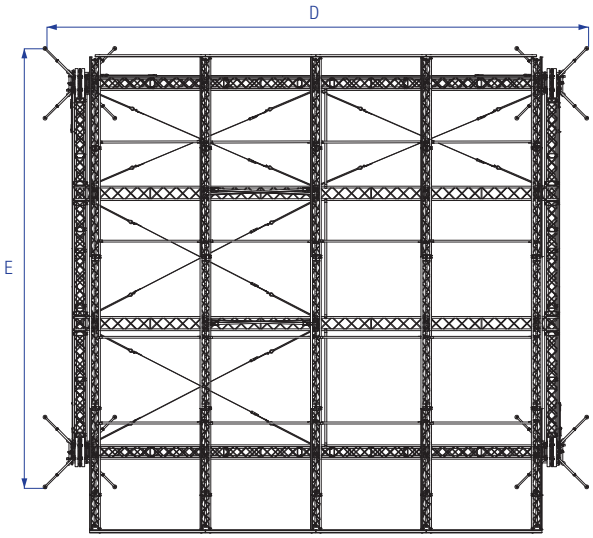
Front view



Side view

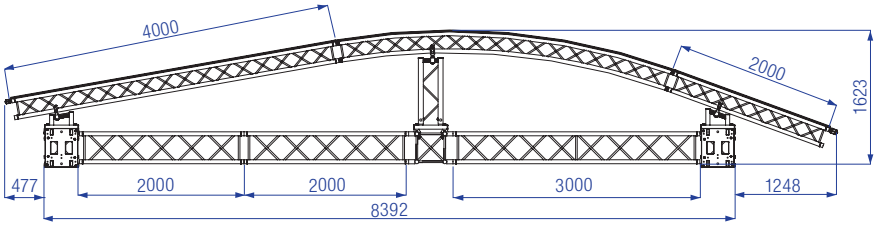


Top view

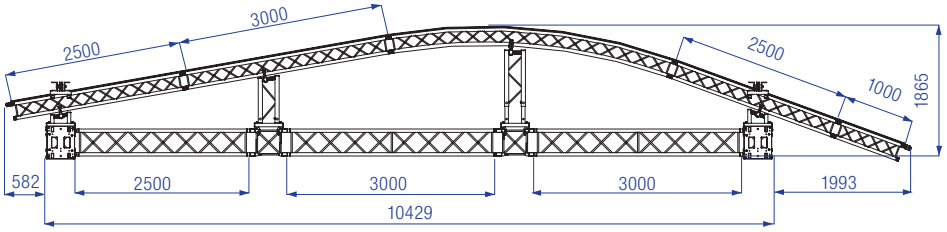


CLT ROOF SYSTEM		inside						overall							
Stage measurements		A		B		C		D		E		F		G	
12 x 10 m	39'4" x 32'9"	12,53 m	41'11"	9,73 m	31'92"	6,13 m	20'11"	13,11 m	43'01"	10,30 m	33'79"	8,00 m	26'25"	2,19 m	7'19"
12 x 8 m	39'4" x 26'3"	12,53 m	41'11"	7,69 m	25'23"	6,13 m	20'11"	13,11 m	43'01"	8,30 m	27'23"	8,00 m	26'25"	1,45 m	4'76"

CLT ROOF 12 x 8 m



CLT ROOF 12 x 10 m



all measurements in mm