



Photo: ModifiC, Russian Federation, Project: Moscow, Gorky Park, Day of Railroad man

## SYSTEM DESCRIPTION

The LT Roof is a tower-based structure with a pitched roof. Although the roof pitch is designed differently than the MPT or ST Roof Systems, it can be constructed just as easily as all ProlyteStructures Roof Systems. The LT Roof has a standard cantilever of 2 m at the front side. Special tent profiles with integrated keder profile are mounted on top of the truss by means of adjustable supports. The adjustable supports make it possible to build the roof in different configurations. With the addition of an extra section, the stage depth can be extended from 10m to 15m. Sound-wings grids with an inside width of 4,8 m are optional, built adjacent to the main stage.

## BASIC TRUSSING

Towers - S40T or C52T Tower truss  
Grid - S100F truss  
B100RV truss

## INCLUDING

- Tension gear and steel wires
- Structural report

## ROOF STRUCTURE

Towers	ST or CT towers
Main grid	B100RV and/or S100F truss

## TECHNICAL SPECIFICATIONS - LT ROOF

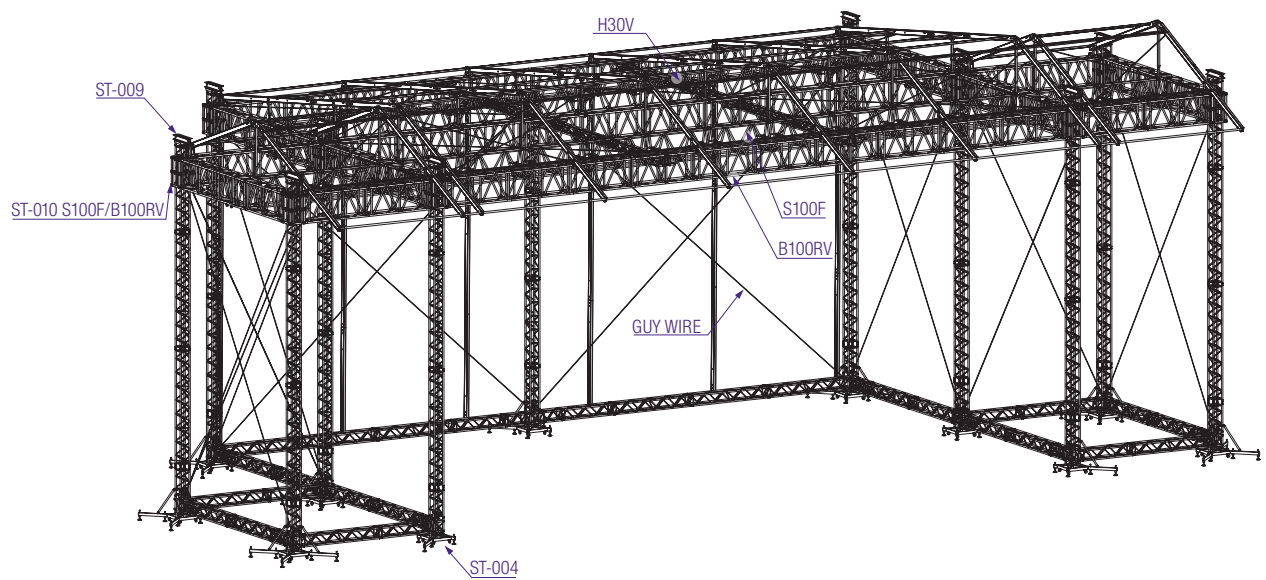
Dimensions	25 x 15 m (984 x 590 "), 20 x 15 m (787 x 590 ") 20 x 12 m (787 x 472 "), 15 x 12 m (590 x 472 ") 15 x 10 m (590 x 393 ")
Loading capacity (UDL)	approx. 18.000 kg / 39683 lbs
Total weight	approx. 7500 kg / 16534 lbs
Transportation volume	approx. 120 m³ / 4235 cu. ft.
Max. wind speed	28,4 m/second, 63,3 mph

## OPTIONS

Canopy	top, side and back
Canopy colour	standard: outside grey, inside black (other colours possible)
Soundwings	yes / loading 2000 kg each
Ballast	several possibilities on request from 1-10 ton per tower depending on construction and wind speed
Staging	Prolyte stage elements, EasyFrame B or Pro- beam combined with a scaffolding stage
ProLyft hoist (25x15 LT Roof without sound-wings) and accessories	6x PAE-1000DC-0030 6x PAE-A-FC1000 3x PLA-33-20 4x PLA-30-10 1x PAE-C8DC-10 1x PLA-41-001 6x PAE-A-50-010 2x PLA-30-20 2x PLA-34-02
ProLyft hoist (25x15 LT Roof with sound-wings) and accessories	10x PAE-1000DC-0030 10x PAE-A-FC1000 4x PLA-33-20 6x PLA-30-10 1x PLE-30-123 1x PLA-41-001 10x PAE-A-50-010 4x PLA-30-20 4x PLA-34-02
Comprehensive building manual	yes

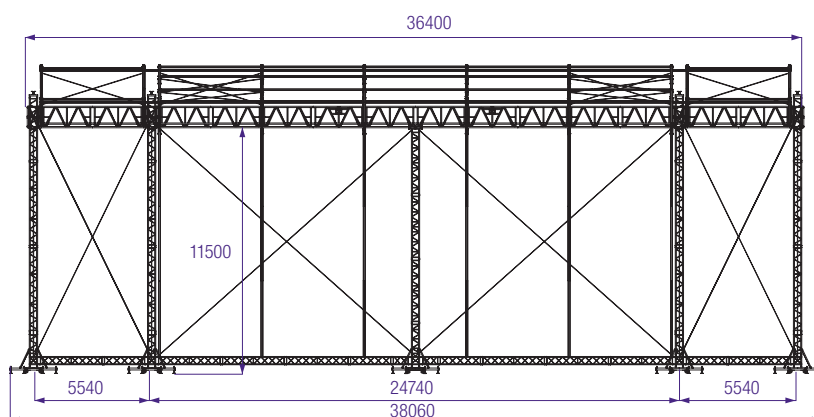


Photo: Berar studio, project: Exit Festival

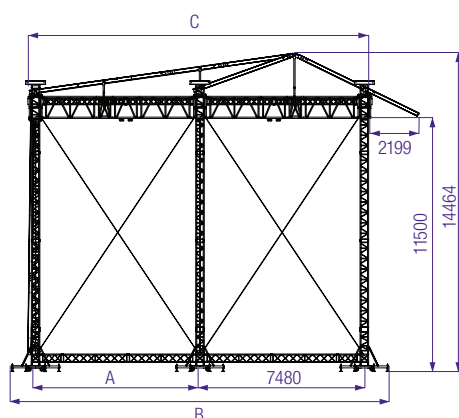


# LT ROOF

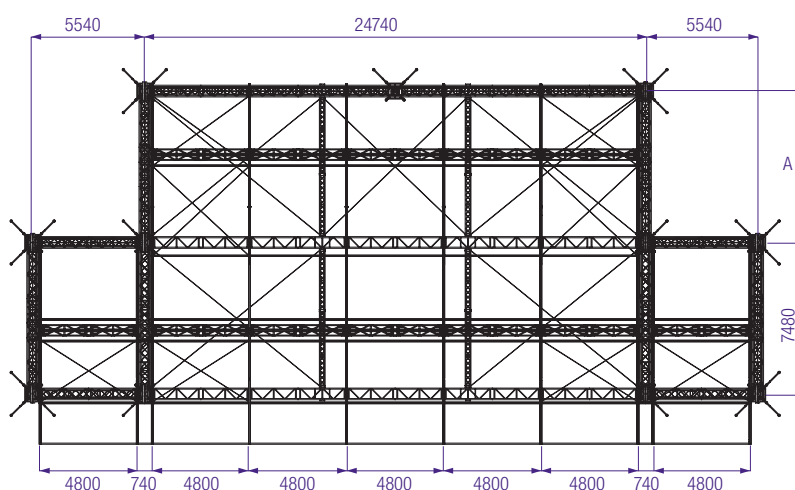
Front view



Side view



Top view



LT-ROOF SYSTEM		Inside		Overall			
Stage measurements		A		B		C	
25 x 15 m	82'0" x 49'2"	7,48 m	24'5"	17,20 m	56'4"	15,54 m	50'9"
20 x 12 m	82'0" x 39'4"	4,34 m	14'2"	14,06 m	46'1"	12,40 m	40'6"
15 x 10 m	82'0" x 32'9"	2,30 m	7'5"	11,66 m	37'2"	10,00 m	32'8"

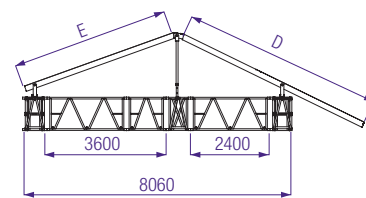
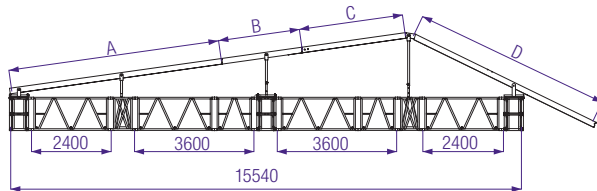




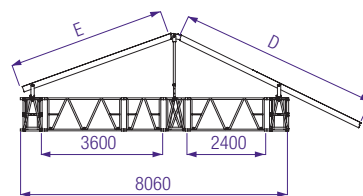
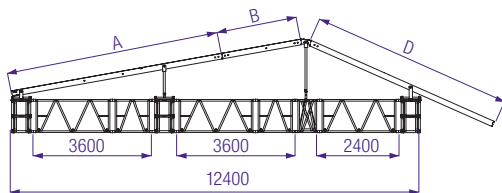
### MAIN GRID GABLE VIEW

### SOUND-WING GABLE VIEW

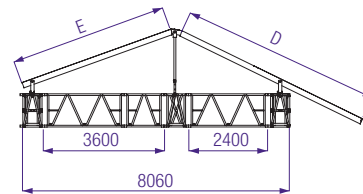
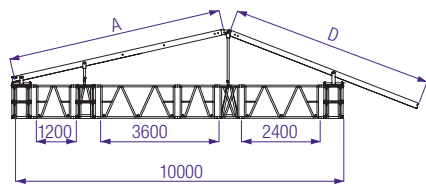
#### Dept 15 m



#### Dept 12 m



#### Dept 10 m



### LT-ROOF SYSTEM

Gable measurements		A		B		C		D		E	
Dept 15 m	82'0" x 49'2"	6,48 m	21'3"	2,44 m	8'0"	3,17 m	10'4"	6,07 m	19'10"	4,78 m	15'8"
Dept 12 m	82'0" x 39'4"	6,48 m	21'3"	2,44 m	8'0"			6,07 m	19'10"	4,78 m	15'8"
Dept 10 m	82'0" x 32'9"	6,48 m	21'3"					6,07 m	19'10"	4,78 m	15'8"