



Photo: PROMontaje, Caracas, Venezuela

## SYSTEM DESCRIPTION

The XXL roof system is based on 13 CT towers, of which one is a stack tower underneath the back span. The roof has main grid based on B100RV truss and a pitched roof structure based on B52SV truss, which is the standard S52SV truss adapted with a main chord of 60 x 6 mm. Layher adapters guarantee a flawless integration of the towers and the stage. ProLift Aetos hoists lift the 17-ton structure in place. The main roof area can be constructed in 3 different sizes 30m. x 20m, 25m. x 20m, 20m x 20m, realising a clearance of 14m. between the stage and the main grid. The loading capacity of the roof is approx. 30 ton, uniformly distributed along the roof.

This system also includes side wings to accommodate sound and video. The sound wings are suitable for a point load in the middle of the front span for a main PA of 3 ton and a point load on the side truss for the side fills of 1,8 ton. Furthermore the construction features a covered side stage area on both sides. In normal conditions, this structure could be built in 3 to 4 days with an experienced crew of approx. 20 technicians.

## INCLUDING

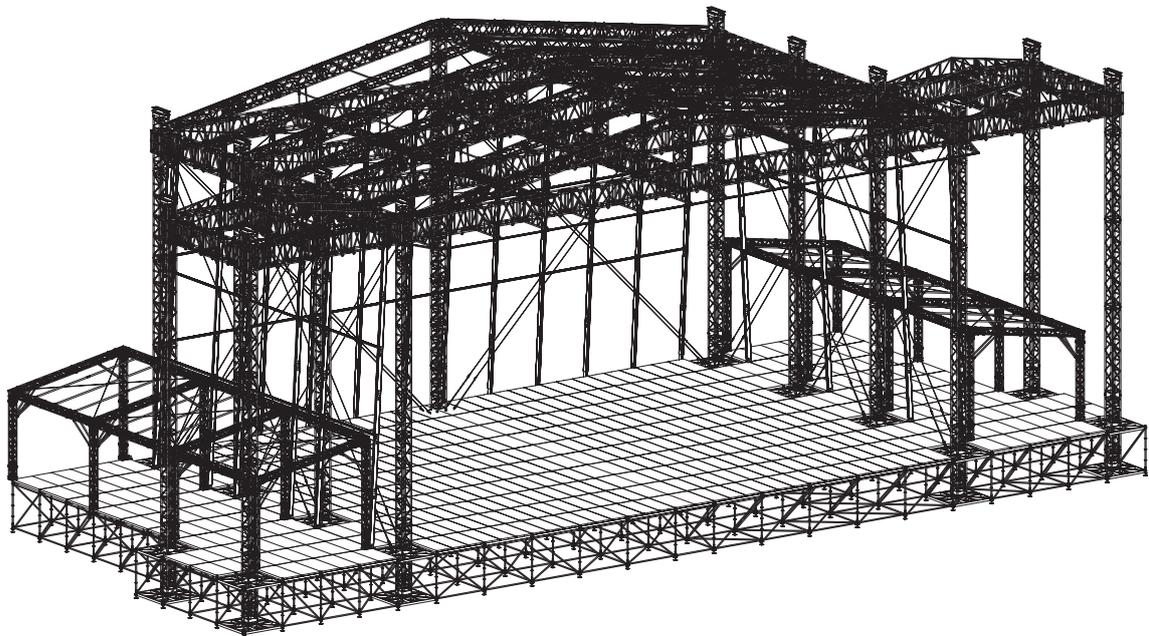
- Tension gear and steel wires
- Structural report

ROOF STRUCTURE	
Towers	CT towers
Main grid	B100RV main grid, B52SV as raster
TECHNICAL SPECIFICATIONS - XXL Roof	
Dimensions	30x20 m (1181 x 787 "), 25x20 m (984 x 787 ") 20x20 m (787 x 787 ")
Loading capacity (UDL)	Loading 30x20 28,3T UDL Loading 25x20 24,3T UDL Loading 20x20 20,2T UDL
Max. wind speed	28,4 m/s, 63,3 mph

OPTIONS	
Canopy	top, side and back
Canopy colour	standard: outside grey, inside black (other colours possible)
Soundwings	Optional (yes 4800 kg each)
Ballast	several possibilities on request
Staging	Prolyte stage elements or Probeam combined with a scaffolding stage

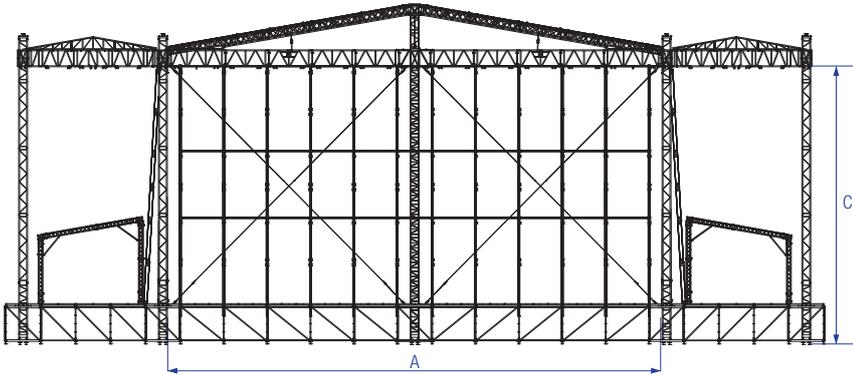


Photo: PROmontaje, Caracas, Venezuela

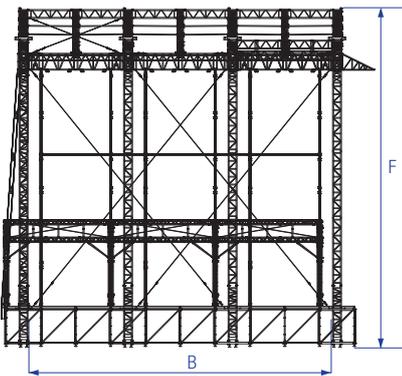


# XXL ROOF

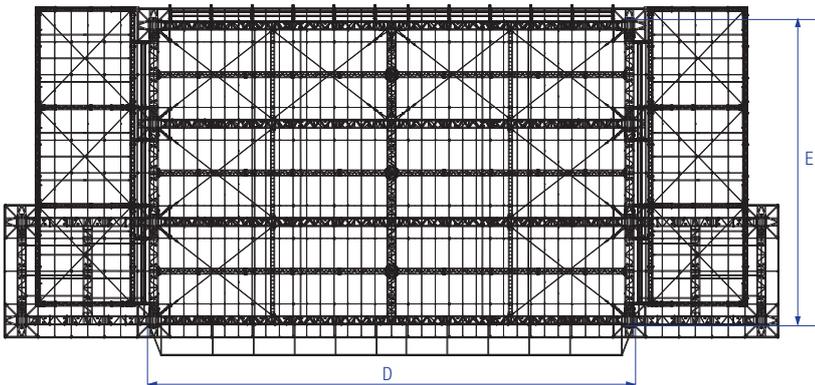
Front view



Side view



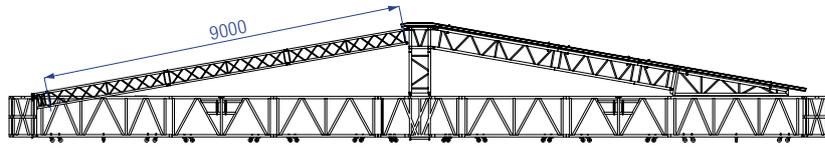
Top view



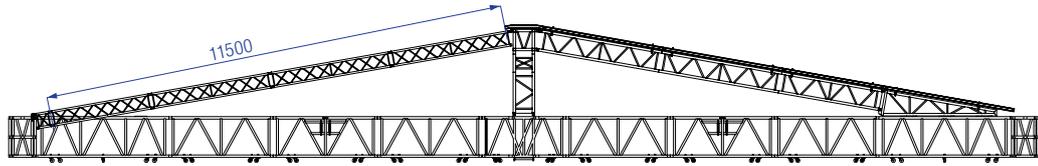
XXL Roof		Inside						Overall					
Stage measurements		A		B		C		D		E		F	
30X20	98'0"x65'6"	29,33M	96'12"	18,12M	59'45"	16,56M	54'33"	30,40M	99'73"	19,12M	62'72"	20,19M	66'24"
25X20	82'0"x65'6"	24,18M	79'33"	18,12M	59'45"	16,56M	54'33"	25,25M	82'84"	19,12M	62'72"	20,19M	66'24"
20X20	65'6"x65'6"	19,03M	62'43"	18,12M	59'45"	16,56M	54'33"	20,11M	65'97"	19,12M	62'72"	20,19M	66'24"



**XXL Roof 20x20m**



**XXL Roof 25x20m**



**XXL Roof 30x20m**

