



Photo: Interstage, The Netherlands Project : MBM MartyBrugmansMusic, Concert At Sea, Renesse, The Netherlands

SYSTEM DESCRIPTION

The Giant ARC Roof is a tower-based structure that is constructed using 3-to-5 arches. Straight truss sections, interconnected with bottom hinges and topside spreader plates, create the arch needed over the complete span. Two steel wires per span absorb horizontal forces caused by the loading. The arches are connected to either a standard ST or CT tower.

INCLUDING

- Tension gear and steel wires
- Structural report

ROOF STRUCTURE

Towers	ST tower (16 x 12 m) or CT tower (20 x 16 m)
Main grid	S52SV truss (16 x 12 m) or B100RV truss (20 x 16 m)

Consult Prolyte for up-to-date information on loading capacity, wind speed, total weight and transportation volume in line with the Eurocode regulations.

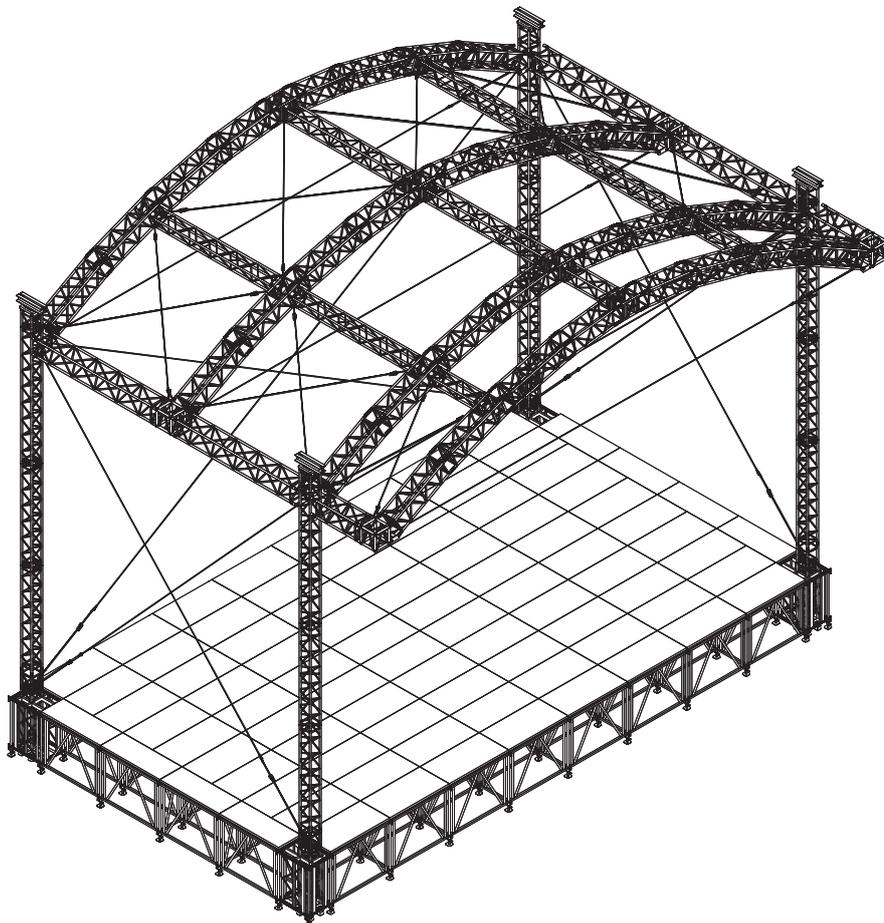
OPTIONS

Canopy	side, back and top	
Canopy colour	standard: outside grey, inside black (other colours possible)	
Soundwings	yes / loading 2000 kg each	
Ballast	several possibilities details on request	
Staging	Prolyte stage elements or Probeam combined with a scaffolding stage	
ProLift hoist (16x14 Giant Arc Roof) and accessories	4x PAE-1000DC-0030 4x PAE-A-FC1000 2x PLA-33-20 4x PLA-30-10 1x PAE-C8DC-10	1x PLA-41-001 4x PAE-A-50-010 2x PLA-30-20 1x PLA-34-02

GIANT ARC ROOF

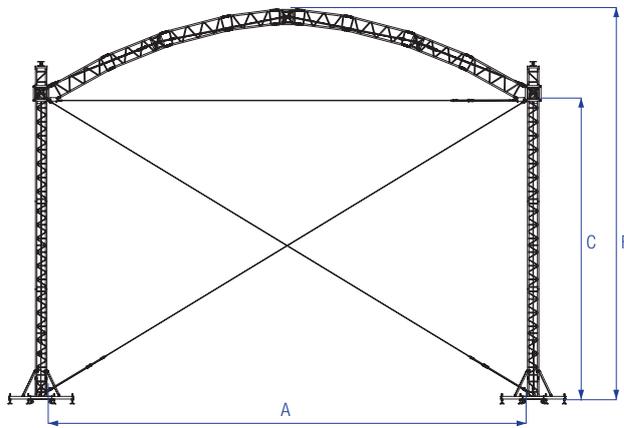


Photo: Interstage, The Netherlands, Project: Bevrijdingsfestival Overijssel, Zwolle, The Netherlands

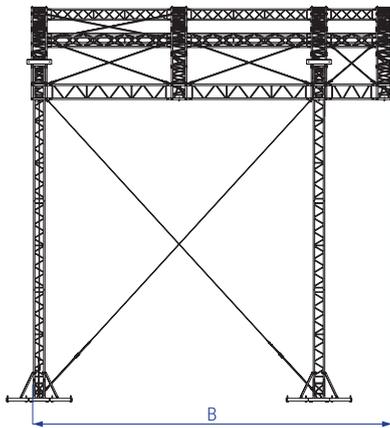




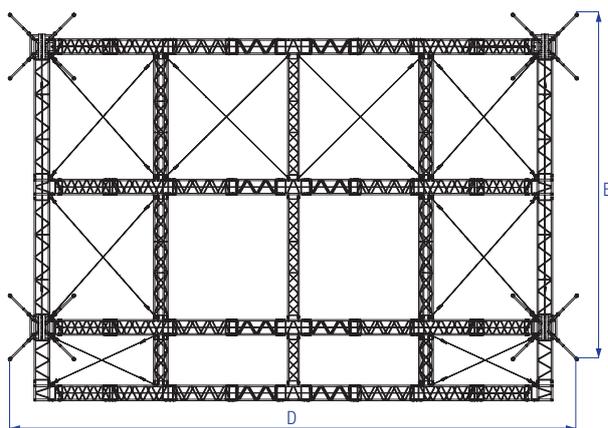
Front view



Side view

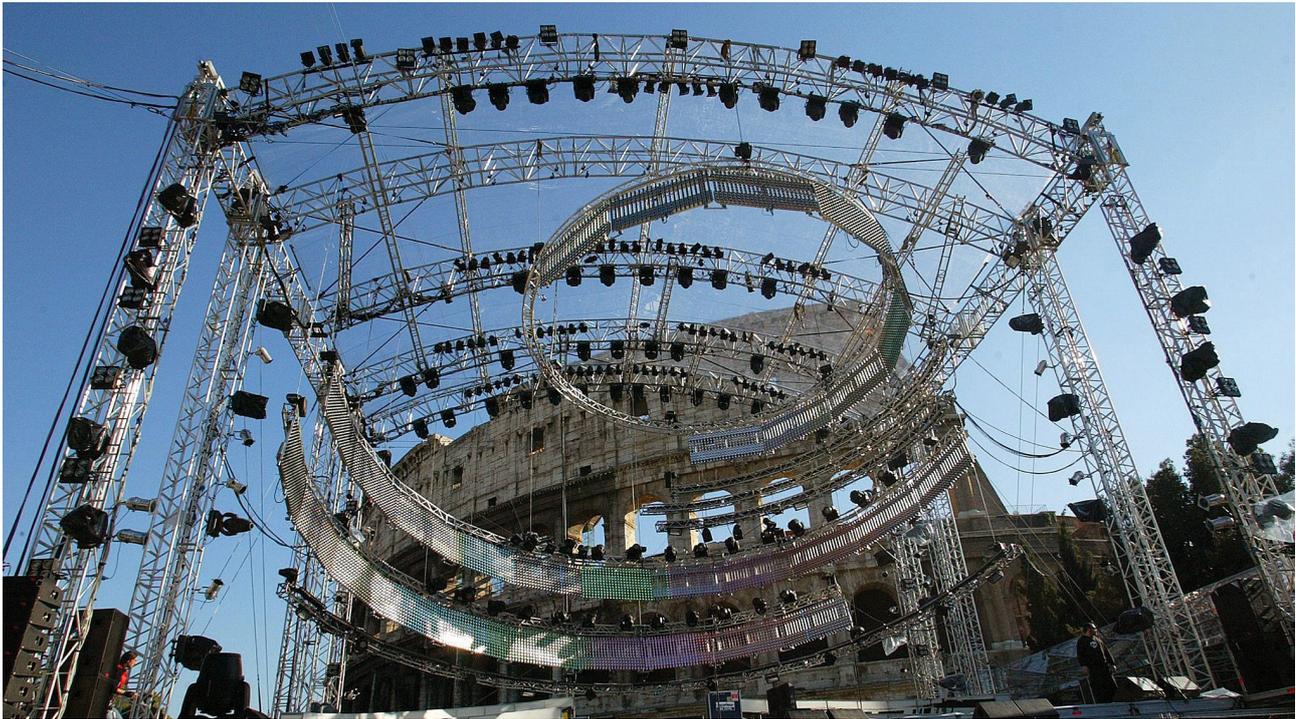


Top view

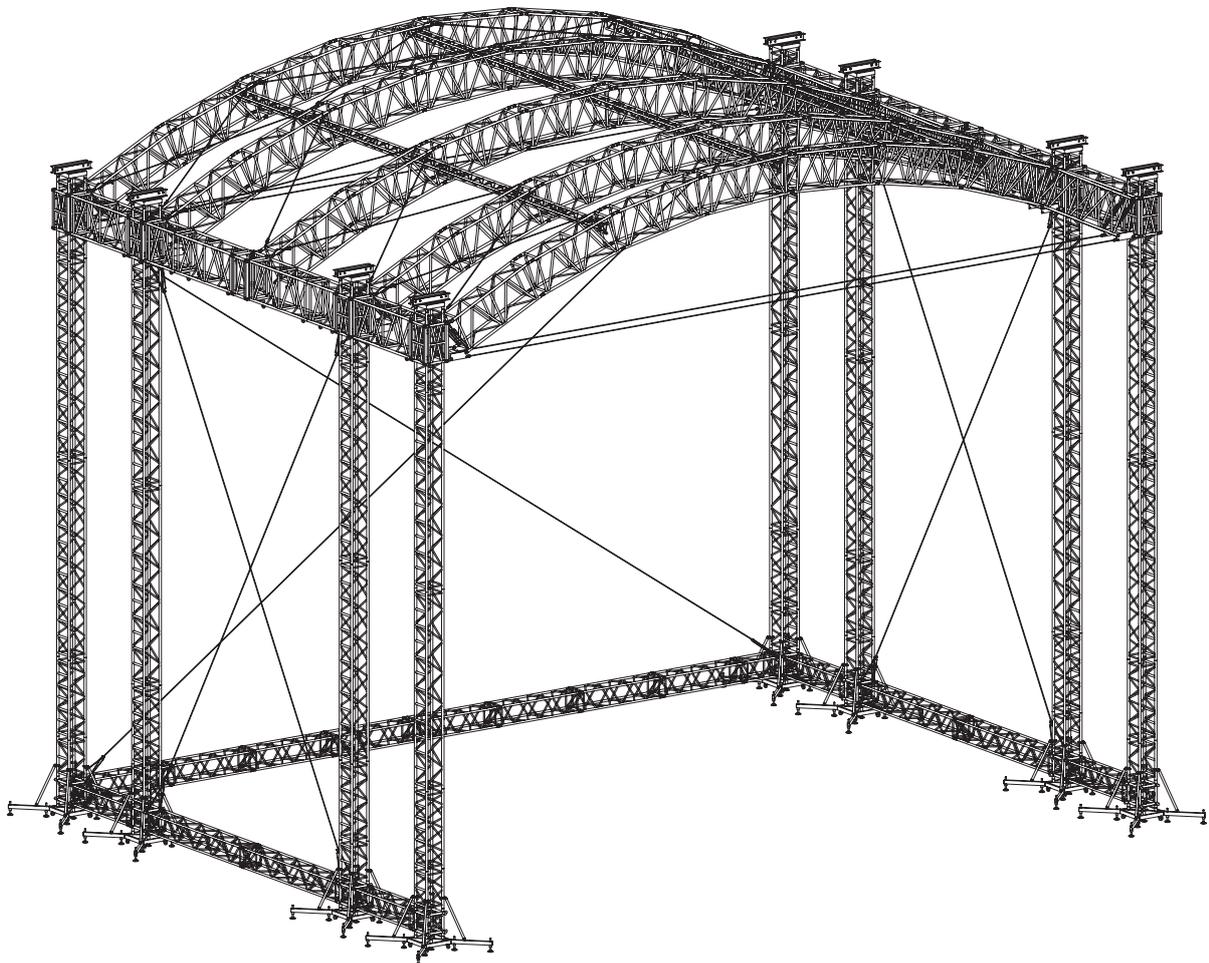


GIANT ARC ROOF SYSTEM	Inside						Overall						
	Stage measurements		A		B		C		D		E		F
16 x 12 m	52'5" x 39'4"	16,30 m	53'5"	12,09 m	39'7"	11,34 m	37'2"	18,93 m	62'1"	11,62 m	38'1"	13,47 m	44'2"

GIANT ARC ROOF

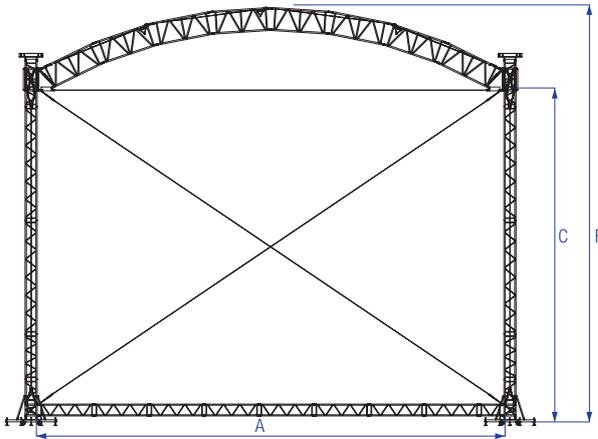


Project: MTV Award Rome



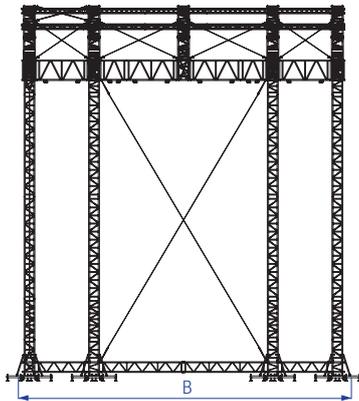


Front view

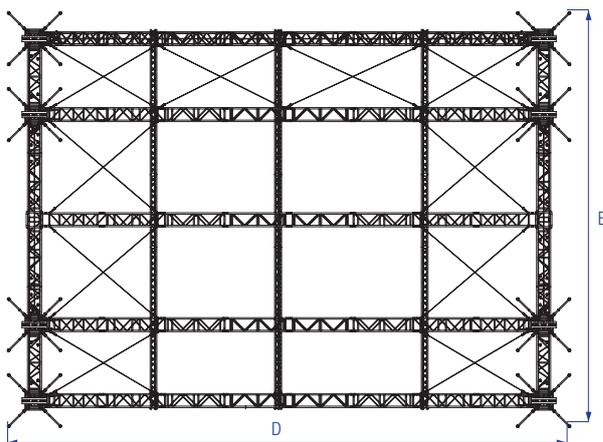


Dimensions may vary according to the type of truss required in the definitive configuration of the roof, in compliance with Eurocode.

Side view



Top view



GIANT ARC ROOF SYSTEM	Inside				Overall								
	Stage measurements		A	B	C	D		E		F			
20 x 16 m	65'6" x 52'5"	20,37 m	66'8"	15,65 m	51'3"	14,72 m	48'3"	23,16 m	76"	17,19m	56'4"	18,38m	60'3"