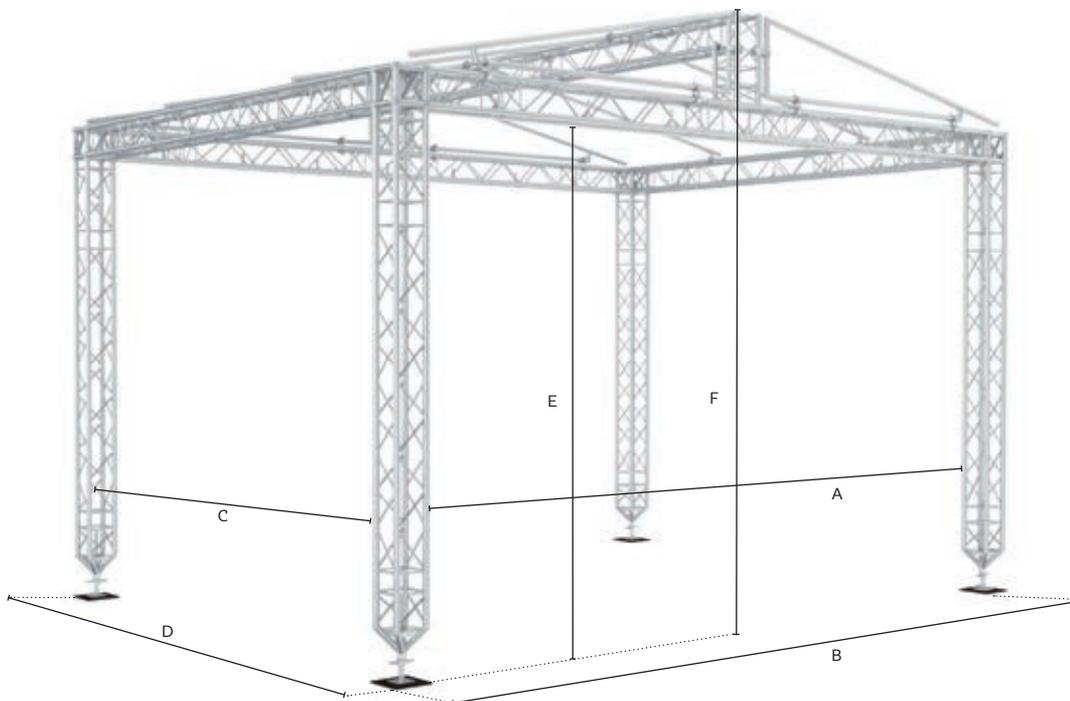


MRO 6x5 No Guy Wires

- 6x5m aluminium roof designed for medium-sized events
- No guy wires required due to implementation of Corner Brace HD
- Decreased times for roof construction
- Reduced ballast requirements
- Up to 50kg/m loading on horizontal truss sections
- Up to 200kg loads per cantilever
- Up to 30m/s wind loading in accordance with DIN EN 13814



Technical specifications

MRO - NGW 6x5

		Size >	6x5 m (18.68 x 16.40 ft)	
Dimensions	A	Internal width	6.13 m	(20.11 ft)
	B	Overall external width	6.73 m	(22.08 ft)
	C	Internal depth	4.42 m	(16.40 ft)
	D	Overall external depth	5.00 m	(16.40 ft)
	E	Clearance	3.95 m	(12.95 ft)
	F	Overall height	4.95 m	(16.24 ft)

Loading capacity

		Size >	6x5 m (18.68 x 16.40 ft)	
Loading capacity	Main grid (UDL)	QTB, QTV	30 kg/m	(20.15 lbs/ft)
		QTU, QTVU	50 kg/m	(33.50 lbs/ft)



Operational Specifications

Design standards	EN 13814 EN 1991-1-4 EN 1993 EN 1999	Fairground and amusement park machinery and structures Loads on structures: Wind loads Design of steel structures Design of aluminium structures
Wind management	In service * Calculation based on 100% windproof wall claddings Out of service * side claddings and equipment with large areas exposed to wind needs to be removed	17.8m/s - 64km/h - 40mph (Max. gust wind speed) up to 30,0 m/s - 108 km/h - 67 mph (depends on terrain categories)
Ballast	From 900kg / 2000lbs up to 1400kg / 3100lbs, depends on configuration, sidewing, covering, compression beam, guy wires, corner brace and other conditions.	
Canopy & sidewalls	B1 fire retardant canopy, single piece format Silvergrey, other colors or inside black on request B1 fire retardant side nets in compliance with latest Eurocode	
Customised	Customisation (i.e. truss configuration, alternative dimension, roof adjustability) on request	

Transportation data

	Size >	6x5 m	(18.68 x 16.40 ft)
Self-weight	* Exact self-weight depends on configuratio	650 kg	(1433 lbs)
Transport volume	* Packed in carton boxes and bubble foil	7 m³	(247.2 ft³)