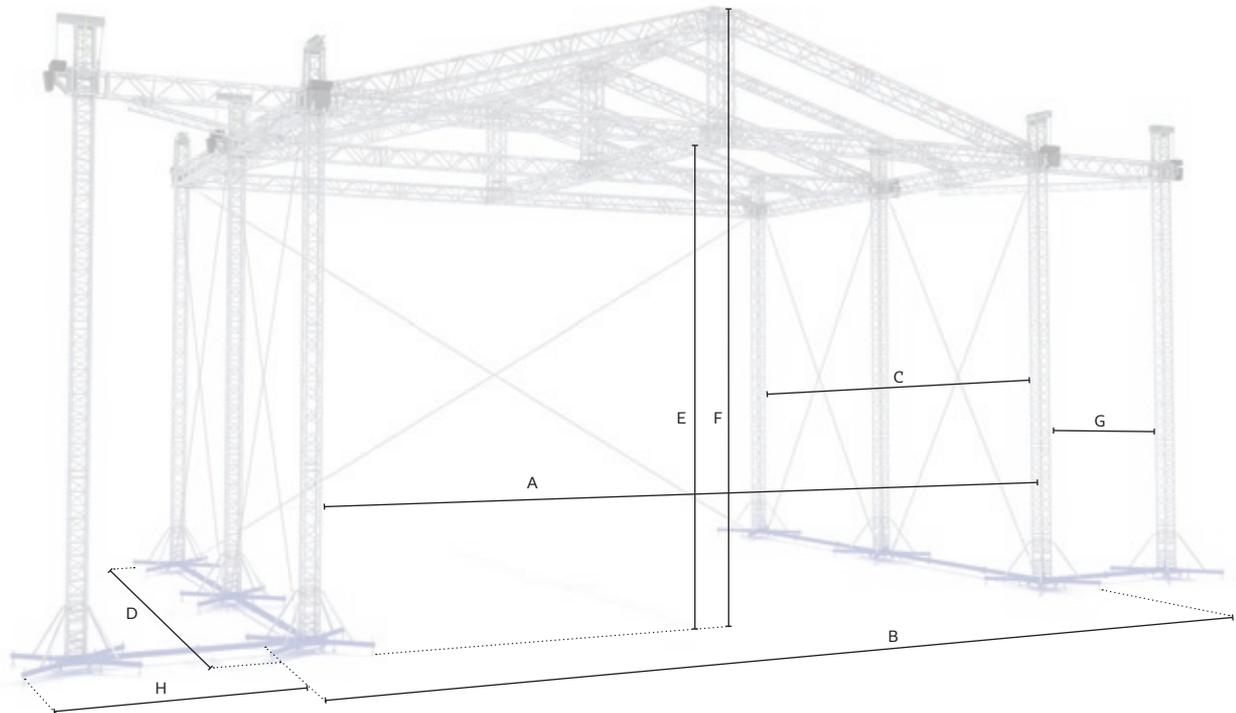


MR3 saddle roofs

- MR3 Saddle Roof structure for temporary events
- MT2 self-climbing towers up to 12.5 m high (41.01 ft) with M520 main grid
- Various standard sizes and optional front cantilever available
- Fast connection for quick, simple and secure assembly
- Supplied complete with internal wind bracing wires & connection accessories
- Full structural calculation report & build manual available
- PVC roof colour and side wall options
- Integrated tower base / stage components available
- PA wing options available on request



Technical specifications

		Size >	20x14 m (65.62x45.93 ft)	16x14m (52.49 x 45.93)
Dimensions	A	Internal width	20.53 m (67.34 ft)	18.53 m (60.79 ft)
	B	Overall external width	23.15 m (75.95 ft)	21.15 m (69.39 ft)
	C	Internal depth	14.80 m (48.56 ft)	14.80 m (48.56 ft)
	D	Overall external depth	16.65 m (54.63 ft)	16.65 m (54.63 ft)
	E	Clearance	11.50 m (37.73 ft)	11.50 m (37.73 ft)
	F	Overall height	15.02 m (49.28 ft)	15.02 m (49.28 ft)
	G	PA wing - internal width	4.31 m (14.14 ft)	4.31 m (14.14 ft)
	H	PA wing - overall external width	4.71 m (15.45 ft)	4.71 m (15.45 ft)

Loading capacity

		Size >	20x14 m (65.62x45.93 ft)	16x14m (52.49 x 45.93)
Loading capacity	Main grid	Uniformly distributed (UDL)	7420 kg (16358 lbs)	7420 kg (16358 lbs)
		Point loads	7420 kg (16358 lbs)	7420 kg (16358 lbs)
	PA wing	Central Point load (CPL)	1200 kg (2645 lbs)	1200 kg (2645 lbs)
* See structural report for exact load positioning				



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 * Calculations based on 100% closed side canopies * Side canopies to be removed above this wind speed if not considered Out of service Training recommended	17.8m/s - 64km/h - 40mph (Max. gust wind speed) 27.5m/s - 100km/h - 62mph (Max. gust wind speed)
Ballast	From 3900kg/ 8590lbs up to 10400kg / 22907lbs per tower, depends on configuration, sidewing, covering, compression beam, guy wires, corner brace, substructure.	
Canopy & sidewalls	B1 fire retardant canopy on request, keder profiles optional Silvergrey; other colors or inside black on request B1 fire retardant side nets in compliance with latest Eurocodes	
Customised	Customisation (i.e. truss configuration, alternative dimensions, roof adjustability) upon request	

Transportation data

	Size >	20x14 m (65.62x45.93 ft)	16x14 m (52.49 x 45.93)
Self-weight	* Exact self-weight depends on configuration	7300 kg (16079 lbs)	6980 kg (15374 lbs)
Transport volume	* Packed in carton boxes and bubble foil	80 m³ (2825 ft³)	70 m³ (2472 ft³)