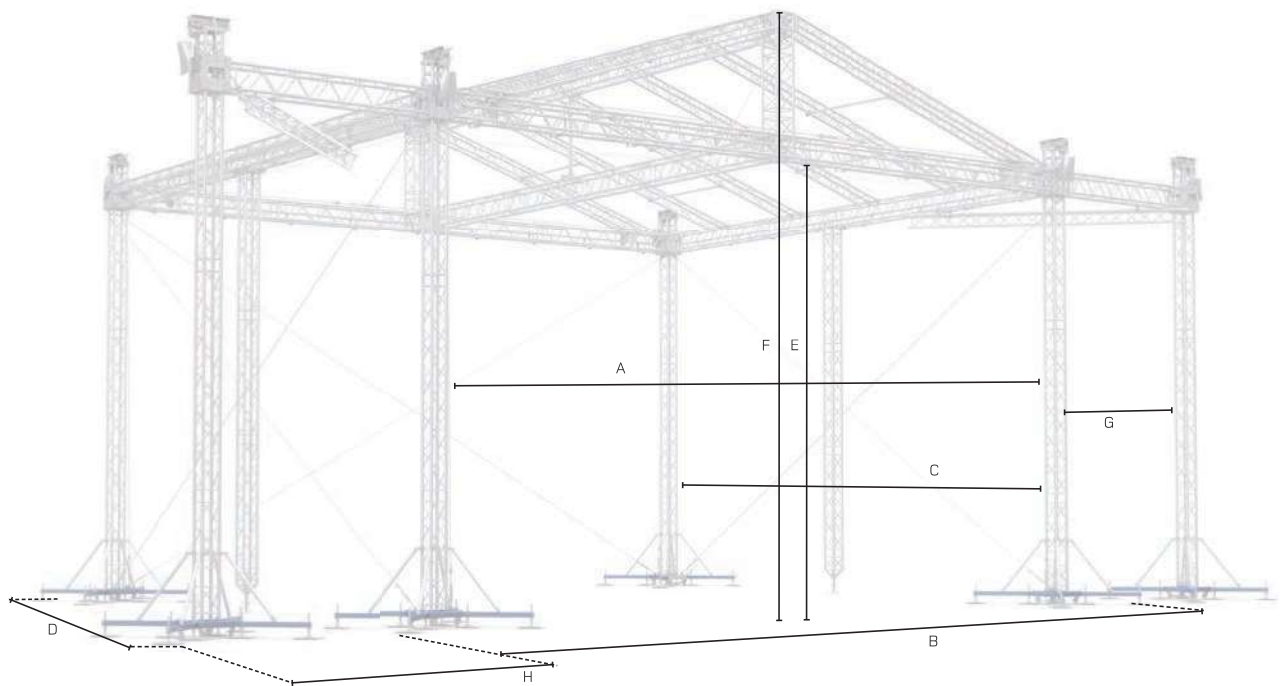


We've got you covered **MR2 saddle roofs**

- MR2 Saddle Roof structure for temporary events
- MT1 self-climbing towers 10x6 (32.81x19.69 ft), 10x8 (32.81x26.25 ft), 12x10 (39.37x32.81 ft) options available
- Fast connection for quick, simple and secure assembly
- Operate with manual chain block or electric chain hoist (bracket required)
- 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								
Dimensions		Stage size ›	12x10 m	39.37x32.80 ft	10x8 m	32.80x26.25 ft	10x6 m	32.80x19.70 ft
	A	Internal width	12.30 m	40.35 ft	10.42 m	34.19 ft	10.42 m	34.19 ft
	B	Overall external width	14.64 m	48.03 ft	12.74 m	41.80 ft	12.74 m	41.80 ft
	C	Internal depth	10.60 m	34.78 ft	8.65 m	28.38 ft	6.65 m	21.82 ft
	D	Overall external depth	12.99 m	42.62 ft	10.97 m	35.99 ft	10.97 m	35.99 ft
	E	Clearance	7.12 m	23.36 ft	7.12 m	23.36 ft	7.12 m	23.36 ft
	F	Overall height	9.43 m	30.94 ft	9.14 m	29.99 ft	9.14 m	29.99 ft
	G	PA wing - internal width	3.15 m	10.33 ft	3.15 m	10.33 ft	3.15 m	10.33 ft
	H	PA wing - overall external width	3.44 m	11.29 ft	3.44 m	11.29 ft	3.44 m	11.29 ft

LOADING CAPACITY								
Loading capacity		Stage size ›	12x10 m	39.37x32.80 ft	10x8 m	32.80x26.25 ft	10x6 m	32.80x19.70 ft
	Main grid	Uniformly distributed (UDL)	3480 kg	7665 lbs	2160 kg	4758 lbs	1920 kg	4229 lbs
		Point loads 8x400kg + UDL total	4600 kg	10132 lbs	4140 kg	9119 lbs	3980 kg	8767 lbs
	PA wing	Central Point load (CPL)	1500 kg	3304 lbs	- kg	- lbs	- kg	- lbs
	Cantilever	Point load (CPL)	- kg	- lbs	150 kg	330.4 lbs	150 kg	330 lbs
* See structural report for exact load positioning								



OPERATIONAL SPECIFICATIONS

Design standards	<p>DIN EN 13814 (2005)</p> <p>DIN 1055-4</p> <p>DIN 4113</p> <p>DIN 18800</p> <p>• All of our structures are produced under EN 1090 EXC2 as standard and include the necessary guy wires, instruction manual and engineering report</p>	<p>Fairground and amusement park machinery and structures</p> <p>Actions on structures / wind</p> <p>Design of aluminium structures</p> <p>Design of steel structures</p>
Wind management	<p>In service</p> <p>* Calculations based on 100% closed side canopies</p> <p>* Side canopies to be removed above this wind speed if not considered</p> <p>Out of service</p> <p>Training recommended</p>	<p>17.8m/s - 64km/h - 40mph (Max. gust wind speed)</p> <p>29.6m/s - 106km/h - 66mph (Max. gust wind speed)</p>
Ballast	<p>This can vary per tower: from 200kg / 440lbs up to 5300kg / 11674lbs and depends on:</p> <ul style="list-style-type: none"> • If tower bases are interconnected or free standing • Layout of canopies • Self-weight of load or interconnected stage is considered (Might be deducted from ballast under certain conditions) • Friction material used between screw jacks, padding and sub soil 	
Canopy & sidewalls	<p>B1 fire retardant canopy on request, single piece format or keder profiles</p> <p>Silvergrey; other colors or inside black on request</p> <p>B1 fire retardant side nets in compliance with latest Eurocodes</p>	
Customized	<p>Customisation (i.e. truss configuration, alternative dimensions, roof adjustability) upon request</p>	

TRANSPORTATION DATA

	Stage size	12x10 m	39.37x32.80 ft	10x8 m	32.80x26.25 ft	10x6 m	32.80x19.70 ft
Self-weight	* Exact self-weight depends on configuration	2100 kg	4626 lbs	1950 kg	4295 lbs	1785 kg	3932 lbs
Transport volume	* Packed in carton boxes and bubble foil	30 m³	1060 ft³	25 m³	882 ft³	20 m³	706 ft³