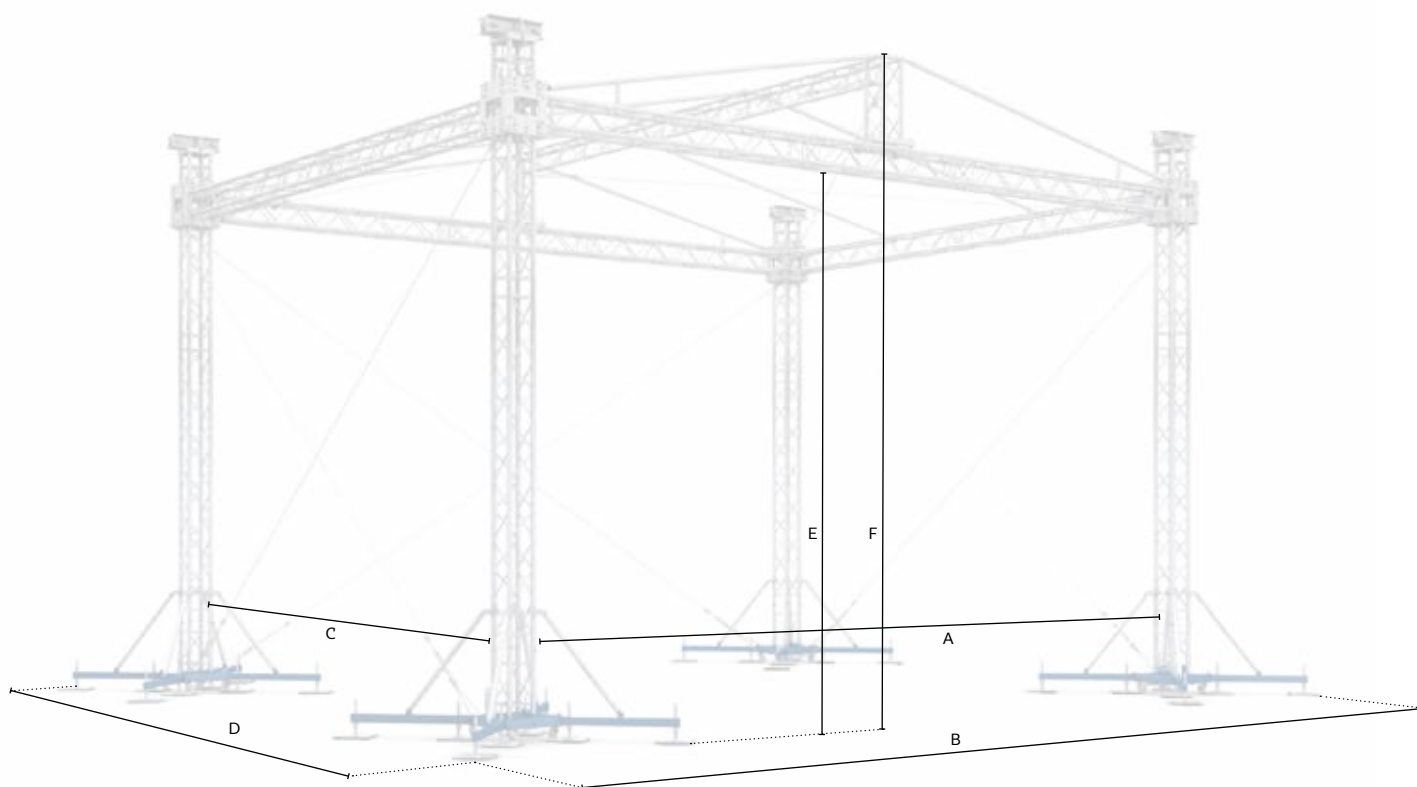


MR2L saddle roofs

- Lightweight Saddle Roof set-up for temporary events
- MT1 Towers with M390 roof and lightweight canopy support structure
- 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



Technical specifications

		Stage size >	8x6 m	(26.25x19.70 ft)		
Dimensions	A	Internal width	8.15 m	(26.74 ft)		
	B	Overall external width	10.48 m	(34.38 ft)		
	C	Internal Depth	6.16 m	(20.20 ft)		
	D	Overall external depth	8.49 m	(27.85 ft)		
	E	Clearance	5.15 m	(16.90 ft)		
	F	Overall height	6.31 m	(20.70 ft)		

Loading capacity

		Stage size >	8x6 m	(26.25x19.70 ft)		
Loading capacity	Main spans	Uniformly distributed (UDL)	20 kg/m	(15 lbs/ft)		
	Side truss	Uniformly distributed (UDL)	30 kg/m	(21 lbs/ft)		
	Cantilever	Point load (CPL)	150 kg	(330 lbs)	100cm truss cantilevered from sleeve-block	
	* 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>17.8m/s - 64km/h - 40mph (Max. gust wind speed)</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>28.0m/s - 100km/h - 62mph (Max. gust wind speed)</p>	
Ballast	<p>This can vary per tower from 1300kg / 2863lbs up to 6000kg / 13216lbs and depends on:</p> <ul style="list-style-type: none"> • If tower bases are interconnected or if 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</p> <p>Silvergrey; other colors or inside black on request</p> <p>B1 fire retardant side nets in compliance with latest Eurocodes</p>	
Customized	Customisation (i.e. truss configuration, alternative dimensions, roof adjustability) upon request	

Transportation data

	Stage size ›	8x6 m	(26.25x19.70 ft)		
Self-weight	* Exact self-weight depends on configuration	1500 kg	(4040 lbs)		
Transport volume	* Packed in carton boxes and bubble foil	15 m³	(530 ft³)		