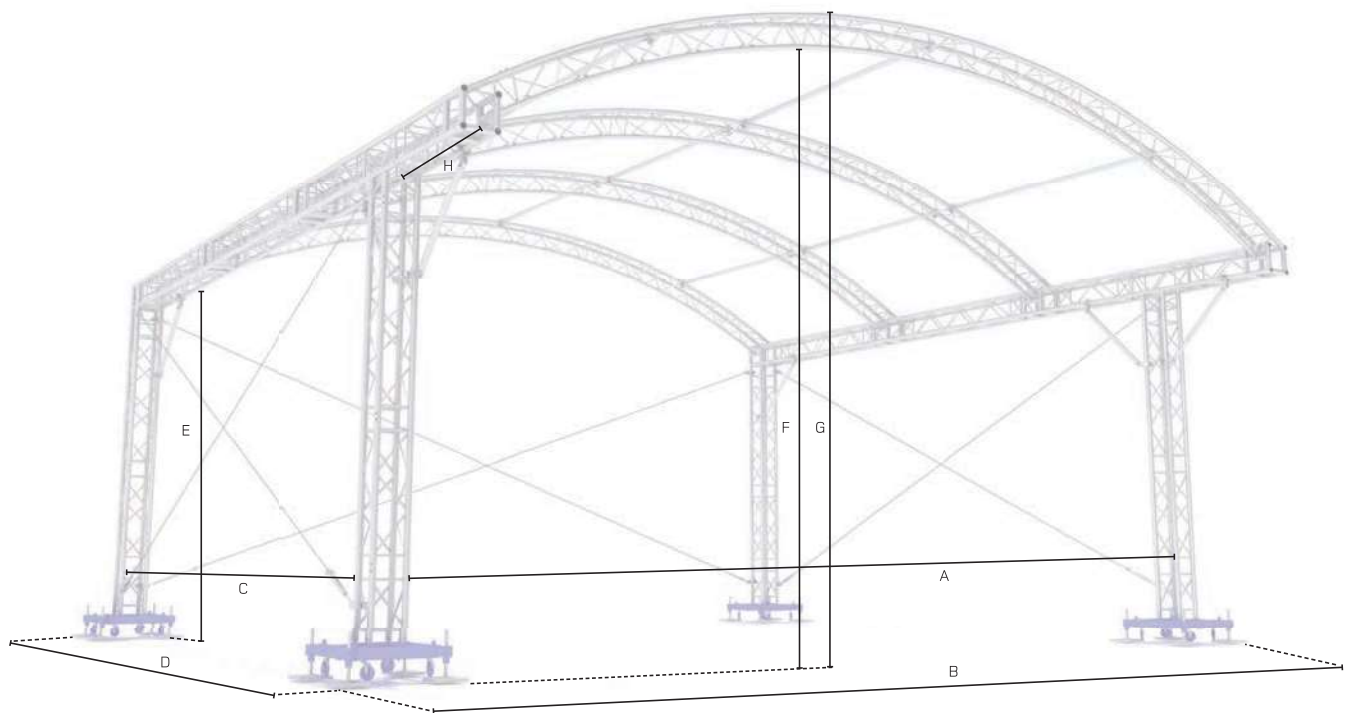


We've got you covered **MR1** arched roofs

- 6x4 m (19.69x13.12 ft) & 8x6 m (26.25x19.69 ft)
Arched Roof set-up for temporary events
- Heavy-duty M290 Quatro structure with Trio arches
- Fixed leg or self climbing MT1 option 8x6 m only (26.25x19.69 ft)
- Fast connection for quick, simple and secure assembly
- Supplied complete with internal wind bracing wires & connection accessories
- Full structural calculation report & build manual available
- Conversion kits available to upgrade from 6x4 m to 8x6 m
- PVC roof colour and side wall options
- PA wing options available on request



TECHNICAL SPECIFICATIONS							
Dimensions		Stage size ›	8x6 m	26.25x19.70 ft	6x4 m	19.70x13.10 ft	
	A	Internal width	8.00 m	26.25 ft	6.00 m	19.69 ft	
	B	Overall external width	9.06 m	29.72 ft	6.06 m	19.88 ft	
	C	Internal depth	6.40 m	20.99 ft	4.40 m	14.44 ft	
	D	Overall external depth	7.48 m	24.54 ft	5.43 m	17.81 ft	
	E	Side clearance	4.43 m	14.53 ft	4.43 m	14.53 ft	
	F	Middle clearance	5.69 m	18.67 ft	5.42 m	17.78 ft	
	G	Overall height	5.96 m	19.55 ft	5.69 m	18.67 ft	
	H	Cantilever depth	1.21 m	3.97 ft	1.21 m	3.97 ft	

LOADING CAPACITY							
Loading capacity		Stage size ›	8x6 m	26.25x19.70 ft	6x4 m	19.70x13.10 ft	
	Arches	Uniformly distributed (UDL)	15 kg/m	10 lbs/ft	15 kg/m	10 lbs/ft	
	Side truss	Uniformly distributed (UDL)	20 kg/m	13 lbs/ft	20 kg/m	13 lbs/ft	
	PA load	2x Point load at cantilever	250 kg	551 lbs	250 kg	551 lbs	
* See structural report for exact load positioning							



OPERATIONAL SPECIFICATIONS

Design standards	<p>DIN EN 13814 (2005)</p> <p>DIN EN 1991 / Eurocode 1</p> <p>DIN EN 1999 / Eurocode 9</p> <p>DIN EN 1993 / Eurocode 3</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</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 350kg / 771lbs up to 2400kg / 5286lbs 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 on request</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	6x4 m	19.70x13.10 ft		
Self-weight	* Exact self-weight depends on configuration	1344 kg	2960 lbs	1034 kg	2278 lbs		
Transport volume	* Packed in carton boxes and bubble foil	20 m ³	706 ft ³	15 m ³	530 ft ³		