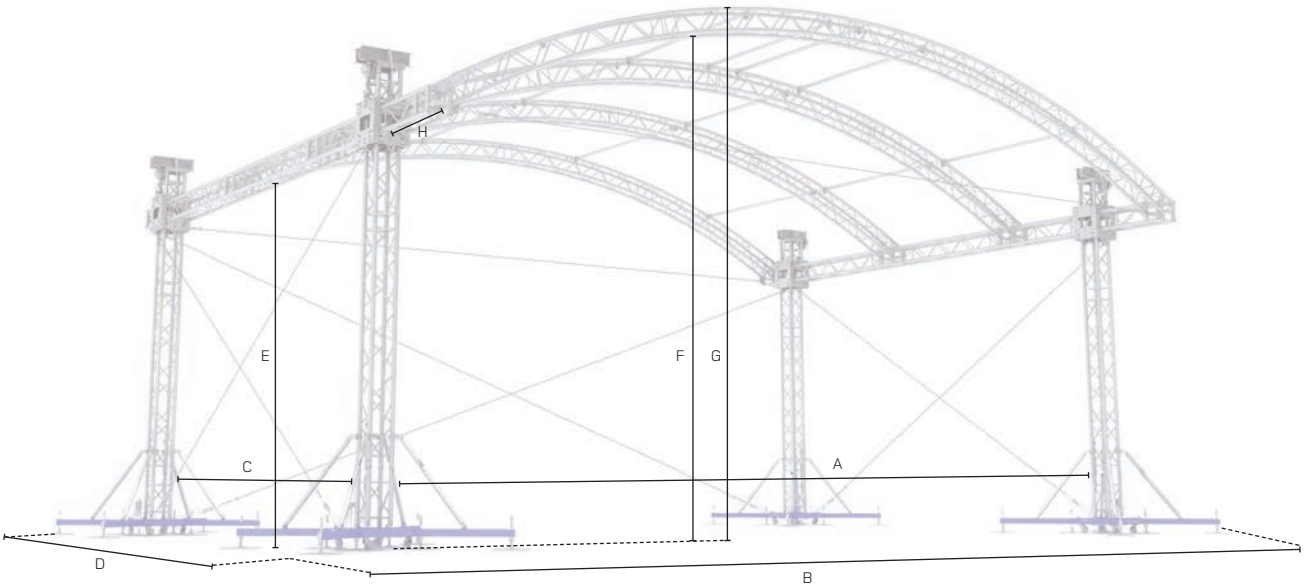
Milos. Works better.

We cover you!

MR1T arched roofs

- 10x6 m (32.81x19.69 ft) Arched Roof set-up for temporary events
- heavy-duty M290 Quatro structure with Quatro arches
- 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 walls options
- PA wing options available on request
- integrated tower base / stage components available

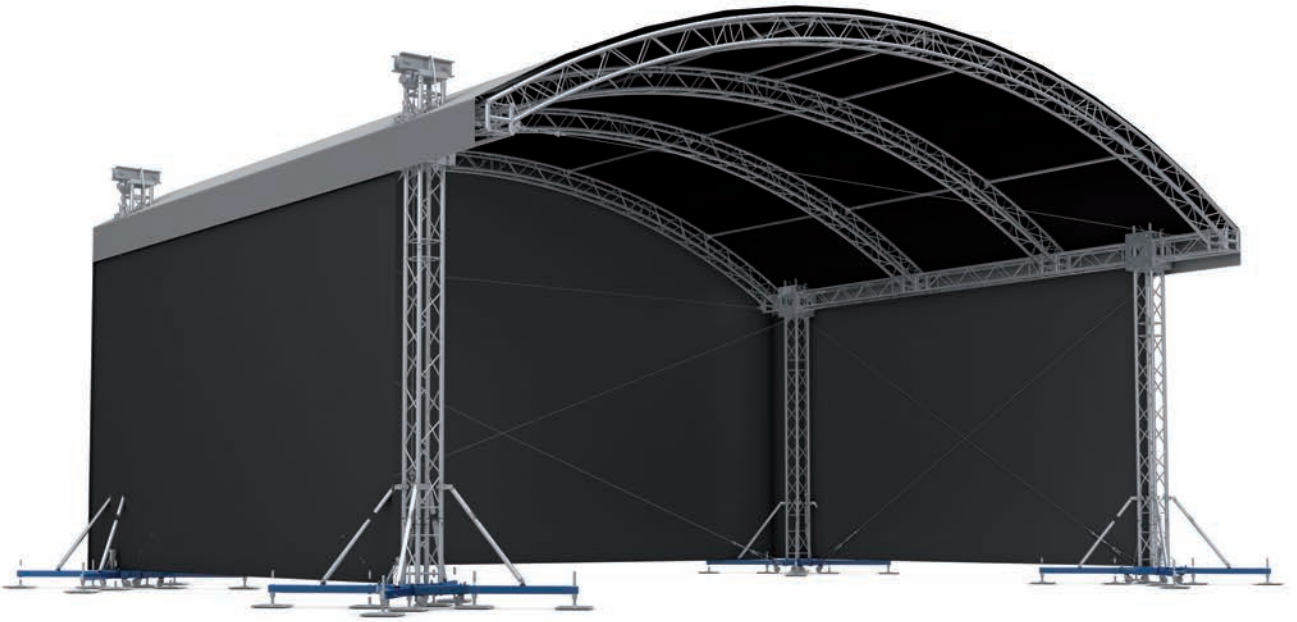


TECHNICAL SPECIFICATIONS

		Stage size ›	10x6 m	32,80x19,70 ft	8x6 m	26,30x19,70 ft		
Dimensions	A	Internal width	10,50 m	34.45 ft	8,50 m	27.89 ft		
	B	Overall external width	12,83 m	42.09 ft	10,83 m	35.53 ft		
	C	Internal depth	6,15 m	20.18 ft	6,15 m	20.18 ft		
	D	Overall external depth	8,48 m	27.82 ft	8,48 m	27.82 ft		
	E	Clearance side	4,05 m	13.29 ft	4,05 m	13.29 ft		
	F	Clearance middle	5,60 m	18.37 ft	5,34 m	17.52 ft		
	G	Overall height	5,91 m	19.39 ft	5,63 m	18.47 ft		
	H	Cantilever depth	1,00 m	3.28ft	1,00 m	3.28 ft		

LOADING CAPACITY

		Stage size ›	10x6 m	32,80x19,70 ft	8x6 m	26,30x19,70 ft		
Loading capacity	Arches front and rear	Uniformly distributed (UDL)	30 kg/m	20 lbs/ft	30 kg/m	20 lbs/ft		
	Arches mid	Uniformly distributed (UDL)	20 kg/m	13 lbs/ft	20 kg/m	13 lbs/ft		
	Side truss	Uniformly distributed (UDL)	30 kg/m	20 lbs/ft	30 kg/m	20 lbs/ft		
	PA load	2x Point load at cantilever	150 kg	330 lbs	150 kg	330 lbs	*If no load at front arch	
	* See structural report for exact load positioning							



OPERATIONAL SPECIFICATIONS

Design standards	DIN EN 13814 (2005)	Fairground and amusement park machinery and structures
	DIN EN 1991 / Eurocode 1	Actions on structures
	DIN EN 1999 / Eurocode 9	Design of aluminium structures
	DIN EN 1993 / Eurocode 3	Design of steel structures
	• All our structures are standard produced under EN 1090 EXC2, include neccessary guy wires, instruction manual and engineering report	
Wind management	In service	17,8m/s - 64km/h - 40mph (Max. gust wind speed)
	* Calculations based on 100% closed side canopies	
	* Side canopies to be removed above this windspeed if not considered	
	Out of service	28,0m/s - 100km/h - 62mph (Max. gust wind speed)
Ballast	This can vary per tower from 1300kg / 2863lbs up to 3082kg / 6789lbs and depends on:	
	• 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	B1 fire retardant canopy on request, single piece format or in kedder profiles on request	
	Silvergrey; other colors or inside black on request	
	B1 fire retardant side nets in compliance with latest Eurocodes	
Customized	Customisation (i.e. truss configuration, alternative dimensions, roof adjustability) on requirement	

TRANSPORTATION DATA

	Stage size ›	10x6 m	32,80x19,70 ft	8x6 m	26,30x19,70 ft		
Self-weight	* Exact self-weight depends on configuration	1834 kg	4040 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		