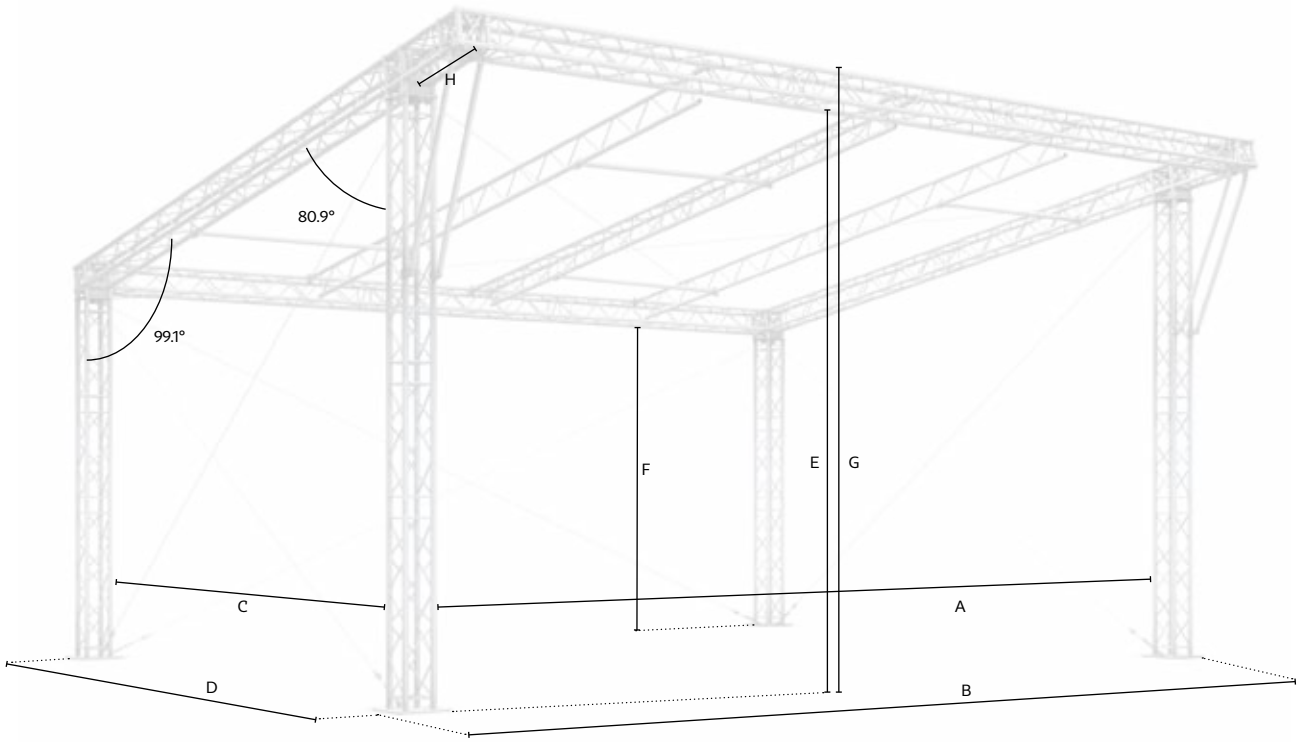
MR0 sloping roofs

- 8x6m (26.25x19.89 ft) Sloping Roof set-up for temporary events
- Heavy-duty M290 Quatro structure with Duo canopy support
- Gentle sloping roof design using special wedges & reinforced multi-cubes
- Supplied complete with internal wind bracing wires & connection accessories
- Full structural calculation report & build manual available
- PVC roof colour options and side walls available

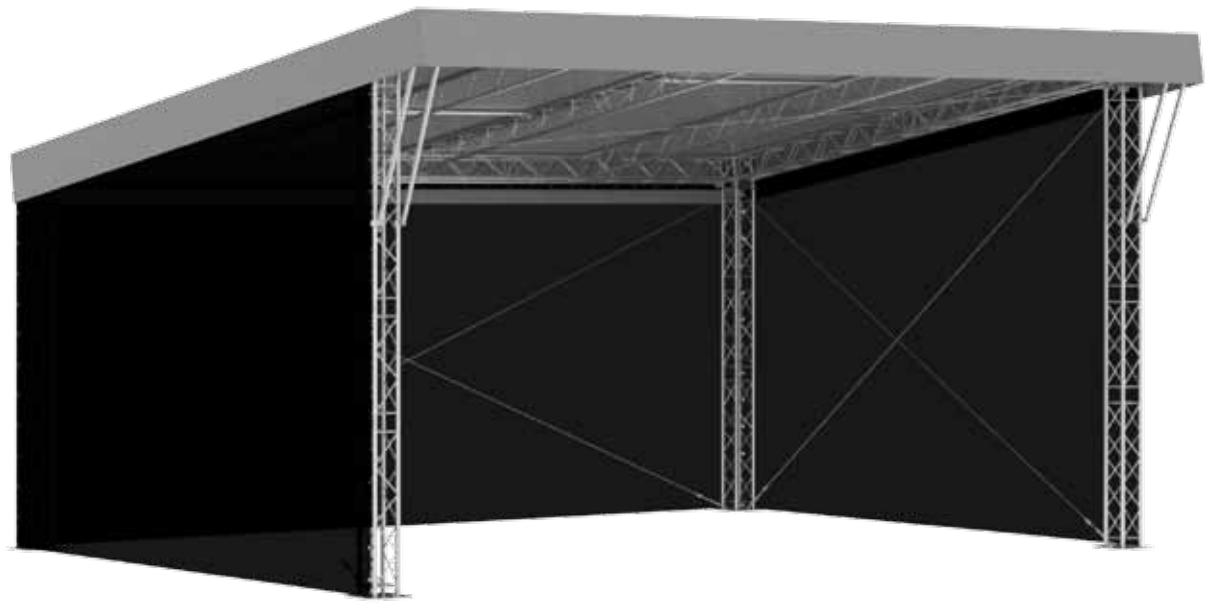


Technical specifications

		Stage size ›	**8x6 m**	(26.25x19.70 ft)		
Dimensions	A	Internal width	8.50 m	(27.89 ft)		
	B	Overall external width	9.24 m	(30.31 ft)		
	C	Internal depth	6.50 m	(21.33 ft)		
	D	Overall external depth	7.29 m	(23.92 ft)		
	E	Front clearance	4.74 m	(15.55 ft)		
	F	Back clearance	3.62 m	(11.88 ft)		
	G	Overall height	5.08 m	(16.67 ft)		
	H	Cantilever depth	0.80 m	(2.62 ft)		

Loading capacity

		Stage size ›	**8x6 m**	(26.25x19.70 ft)		
Loading capacity	Back & side truss	Uniformly distributed (UDL)	**30kg/m**	(20lbs/ft)		
	Middle truss	Uniformly distributed (UDL)	**10 kg/m**	(6 lbs/ft)		
	Cantilever truss	Uniformly distributed (UDL)	**20 kg**	(14 lbs/ft)		
	PA load	Point load each cantilever corner	**100 kg**	(220 lbs)		
	* 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 of our structures are produced under EN 1090 EXC2 as standard and include the necessary 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 and loads to be removed above this wind speed if not considered	
	Out of service	28.0m/s - 100km/h - 62mph (Max. gust wind speed)
Ballast	This can vary per tower from 450kg / 992lbs up to 2700kg / 5947lbs 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	
	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) upon request	

Transportation data

	Stage size ›	**8x6 m**	(26.25x19.70 ft)		
Self-weight	* Exact self-weight depends on configuration	**600 kg**	(1322 lbs)		
Transport volume	* Packed in carton boxes and bubble foil	**5.00 m³**	(176 ft³)		