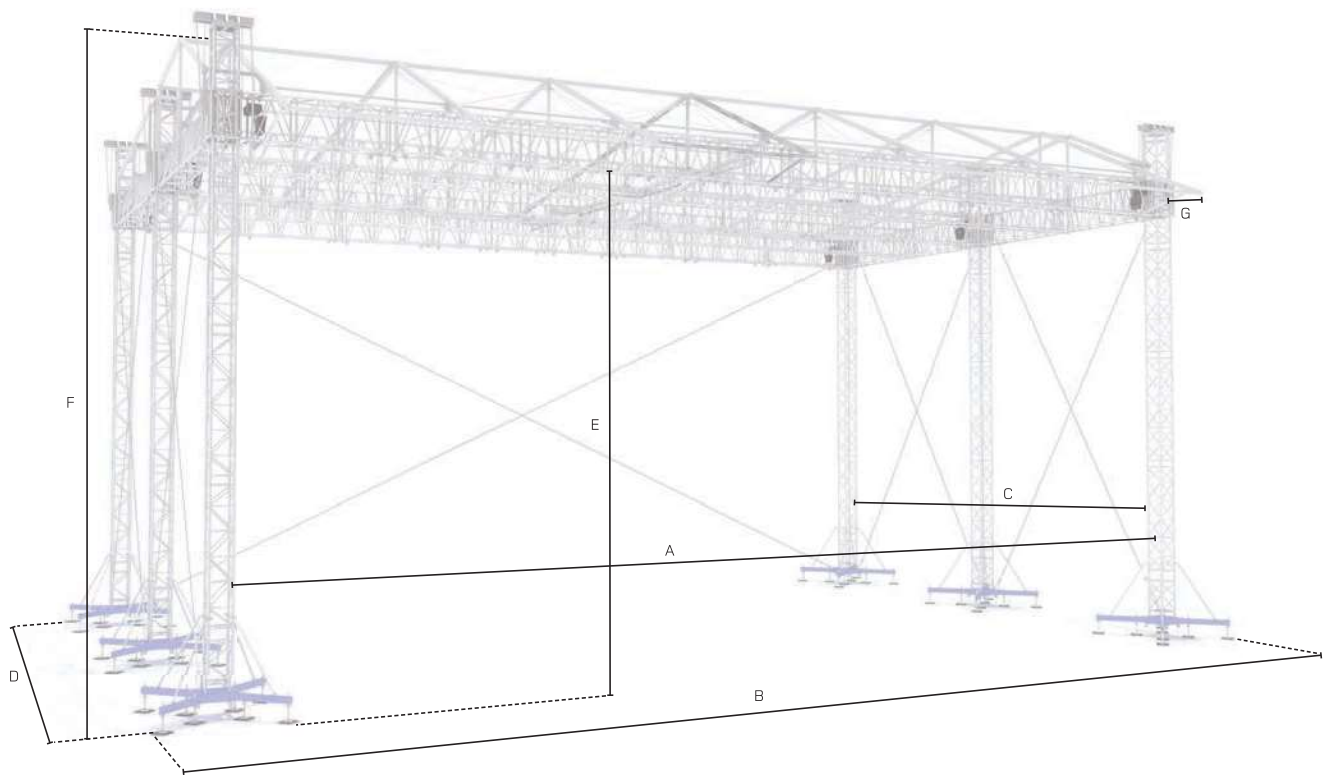


We've got you covered

MR5 pitched roofs

- MR5 Mega-Pitched Roof structure for temporary events
- MT2 / MT3 self-climbing towers up to 12.5 m high (41.01 ft) with M950 main grid
- M950 folding series used to minimise storage and transportation volume
- Easy back stage area integration with main structure
- Supplied complete with internal wind bracing wires & connection accessories
- Full structural calculation report & build manual available
- PVC roof colour and side wall keder options
- Integrated tower base / stage components available
- PA / Video wing options available on request

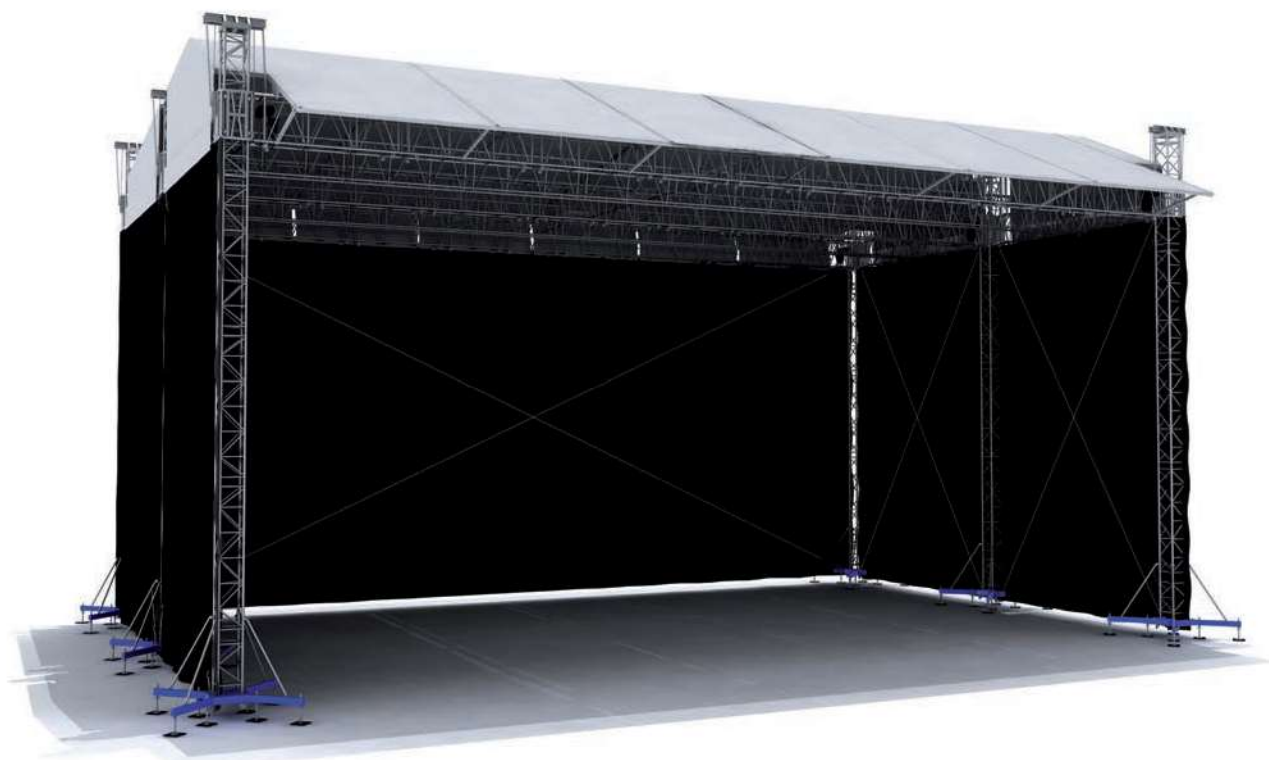


TECHNICAL SPECIFICATIONS

Dimensions	Stage size ›		24x14 m	78.74x45.93 ft	20x14 m	65.62x45.93 ft	18x14 m	59.06x45.93 ft
	A	Internal width	24.76 m	81.23 ft	20.76 m	68.11 ft	18.76 m	61.55 ft
	B	Overall external width	27.84 m	91.34 ft	23.84 m	78.22 ft	21.84 m	71.65 ft
	C	Internal depth	14.74 m	48.36 ft	14.74 m	48.36 ft	14.74 m	48.36 ft
	D	Overall external depth	17.80 m	58.40 ft	17.80 m	58.40 ft	17.80 m	58.40 ft
	E	Clearance	11.48 m	37.66 ft	11.48 m	37.66 ft	11.48 m	37.66 ft
	F	Overall height	14.43 m	47.34 ft	14.43 m	47.34 ft	14.43 m	47.34 ft
	G	Cantilever depth	2.02 m	6.63 ft	2.02 m	6.63 ft	2.02 m	6.63 ft

LOADING CAPACITY

Loading capacity	Stage size ›		24x14 m	78.74x45.93 ft	20x14 m	65.62x45.93 ft	18x14 m	59.06 x45.93 ft
	Main grid	Uniformly distributed (UDL)	12500 kg	27533 lbs	12500 kg	27533 lbs	12500 kg	27533 lbs
		Point loads	17500 kg	38546 lbs	17500 kg	38546 lbs	17500 kg	38546 lbs
	PA wing	Central point load (CPL)	1500 kg	3304 lbs	1500 kg	3304 lbs	1500 kg	3304 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>28.3m/s - 100km/h - 62mph (Max. gust wind speed)</p>
Ballast	<p>This can vary per tower from 2375kg / 5231lbs up to 12700kg / 27973lbs 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, in keders, configurable for different sizes 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 >	24x14 m	78.74x45.93 ft	20x14 m	65.62x45.93 ft	18x14 m	59.06x45.93 ft
Self-weight	* Exact self-weight depends on configuration	7200 kg	15859 lbs	6435 kg	14174 lbs	6600 kg	14537 lbs
Transport volume	* Packed in carton boxes and bubble foil	120 m³	4237 ft³	100 m³	3531 ft³	90 m³	3178 ft³