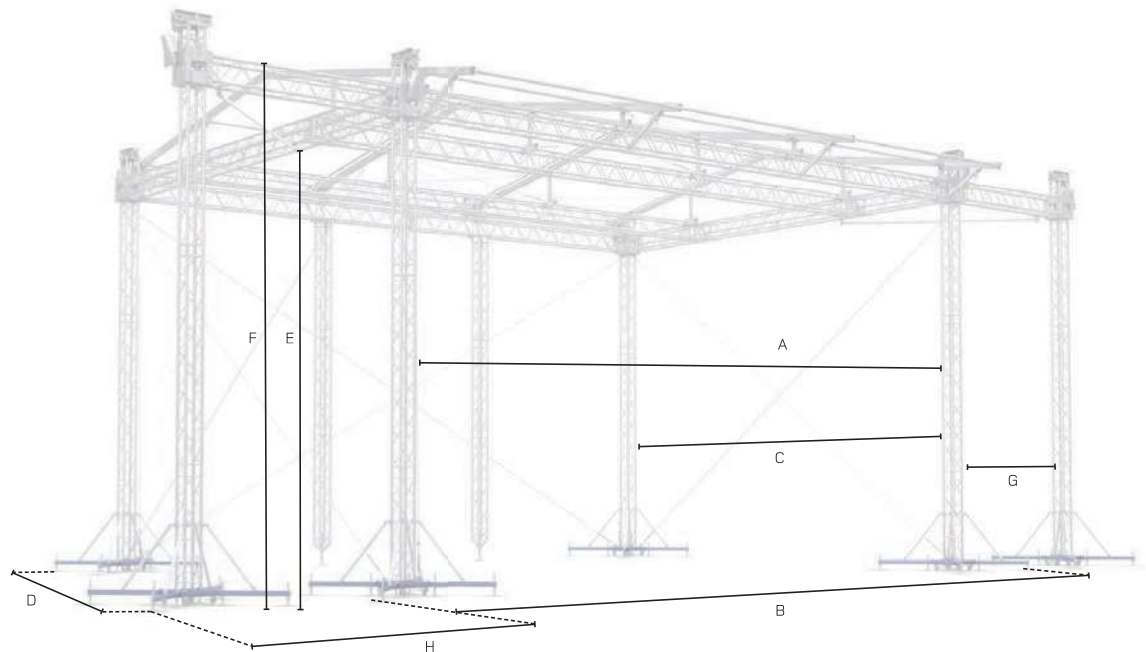


We've got you covered

MR2K keder roofs

- Keder Roof structure for temporary events
- Roof TOP framework can be used with existing ground support inventory
- MT1 Towers with horizontal M390 grid for maximum production rigging
- MT2 Tower with horizontal M520 grid for higher loading also available
- Low profile keder roof construction for ease of installation
- Additional rear towers for LED support using back stage beams
- MT1 Towers with M390 roof and lightweight canopy support structure
- 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 (mesh or solid) options
- Integrated tower base / stage components available



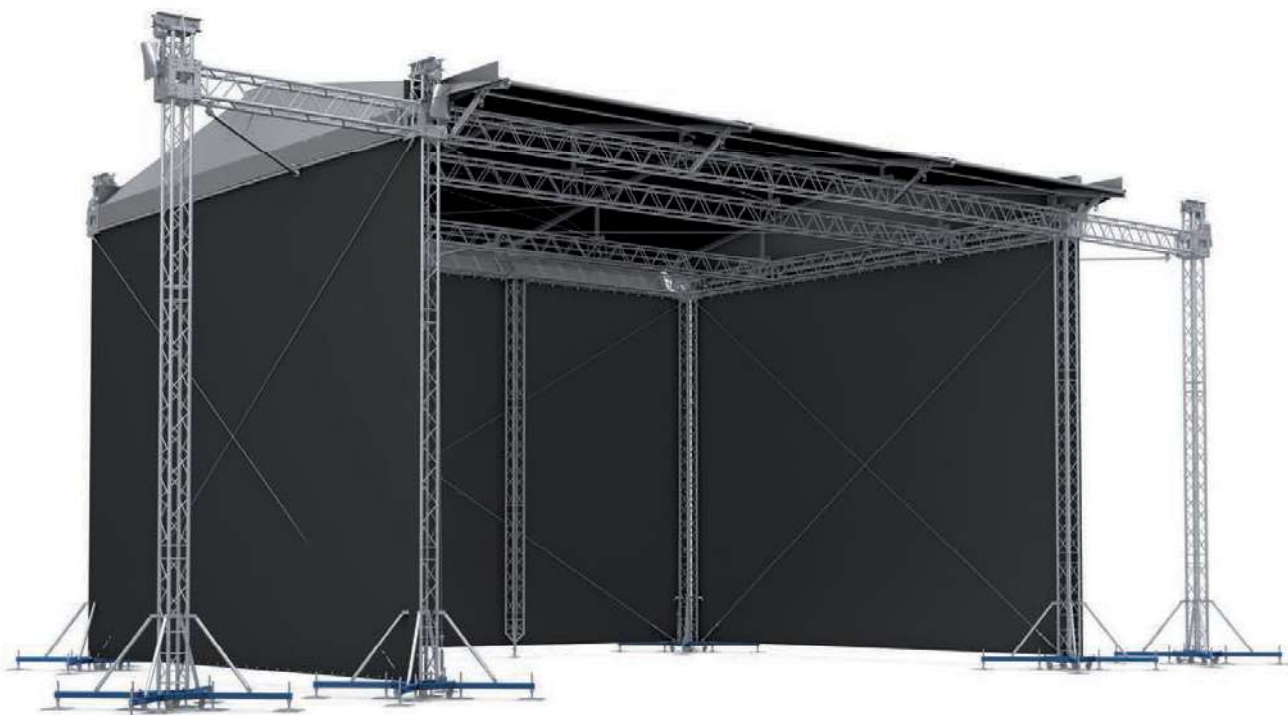
TECHNICAL SPECIFICATIONS

Dimensions	Stage size ›		15x12 m*	49.21x39.37 ft	12x10 m	39.37x32.81 ft	10x8 m	32.81x26.25 ft
	A	Internal width	15.31 m	50.23 ft	12.26 m	40.22 ft	10.26 m	33.66 ft
	B	Overall external width	17.95 m	58.89 ft	14.60 m	47.90 ft	12.60 m	41.34 ft
	C	Internal depth	11.73 m	38.48 ft	9.23 m	30.28 ft	7.23 m	23.72 ft
	D	Overall external depth	14.41 m	47.28 ft	11.57 m	37.96 ft	9.57 m	31.40 ft
	E	Clearance	10.51 m	34.48 ft	7.10 m	23.29 ft	7.10 m	23.29 ft
	F	Overall height	12.19 m	39.99 ft	8.70 m	28.54 ft	8.53 m	27.99 ft
	G	PA wing - Internal width	3.15 m	10.33 ft	3.15 m	10.33 ft	3.15 m	10.33 ft
	H	PA wing - Overall external width	4.26 m	13.98 ft	3.44 m	11.29 ft	3.44 m	11.29 ft

*MT2 Towers with M520 truss grid

LOADING CAPACITY

Loading capacity	Stage size ›		15x12 m	49.21x39.37 ft	12x10 m	39.37x32.81 ft	10x8 m	32.81x26.25 ft
	Main grid	Uniformly distributed (UDL)	3040 kg	6696 lbs	3040 kg	6696 lbs	3040 kg	6696 lbs
		Point loads	7700 kg	16960 lbs	7700 kg	16960 lbs	7700 kg	16960 lbs
	Cantilever	2x Point loads on outer beams	2x 500 kg	2x 1101 lbs	2x 500 kg	2x 1101 lbs	2x 500 kg	2x 1101 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 (2012)</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>28.8m/s - 103km/h-64mph (Max. gust wind speed)</p>	
Ballast	<p>This can vary per tower from 1000kg / 2203lbs up to 8000kg/17637lbs 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, in keders, configurable for various sizes</p> <p>Silvergrey; other colors or inside black on request</p> <p>B1 fire retardant side nets in compliance with latest Eurocodes</p>	
Customized	<p>Customisation (i.e. truss configuration, alternative dimensions, roof adjustability) upon request</p>	

TRANSPORTATION DATA

	Stage size >	15x12 m	49.21x39.37 ft	12x10 m	39.37x32.81 ft	10x8 m	32.81x26.25 ft
Self-weight	* Exact self-weight depends on configuration	5000 kg	11023 lbs	3010 kg	6630 lbs	2785 kg	6134 lbs
Transport volume	* Packed in carton boxes and bubble foil	50 m ³	1765 ft ³	30 m ³	1060 ft ³	25 m ³	882 ft ³