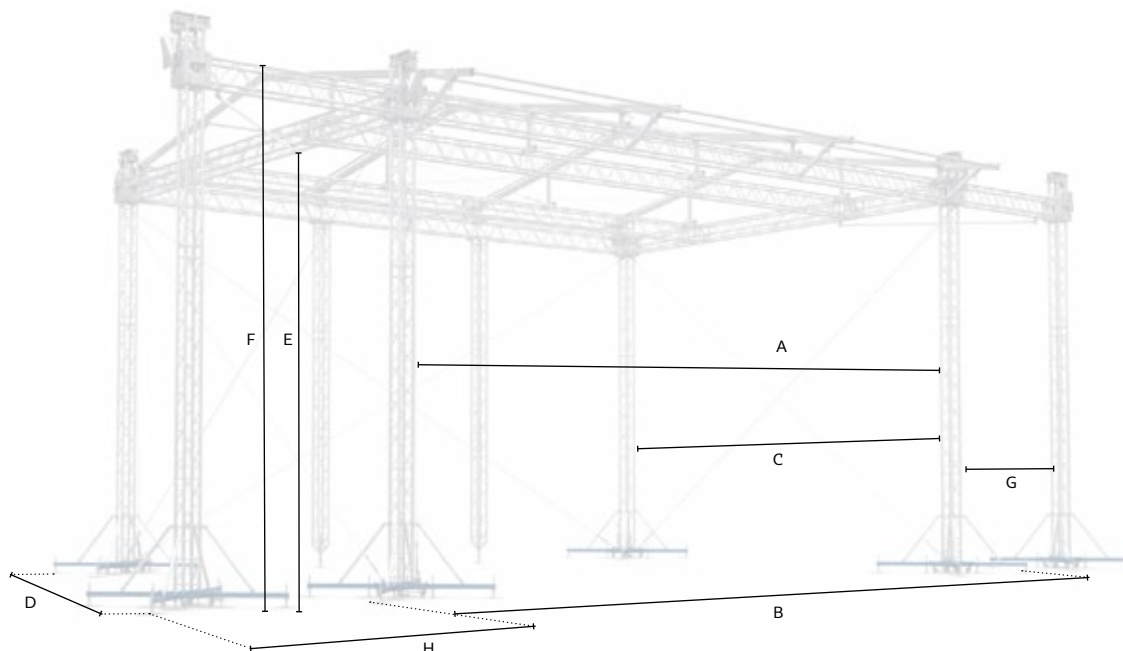


MR2K keder roofs

- 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



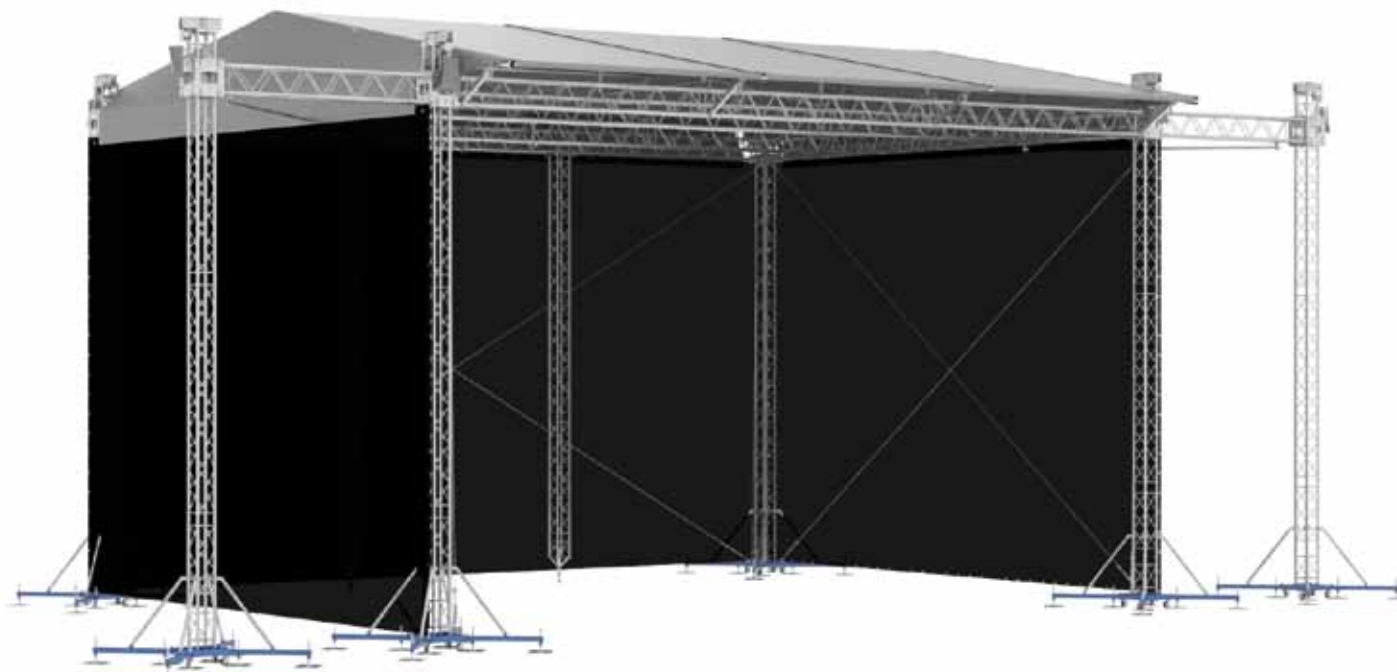
Technical specifications

		Stage size >	15x12 m* (49.21x39.37 ft)	12x10 m (39.37x32.81 ft)	10x8 m (32.81x26.25 ft)
Dimensions	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

		Stage size >	15x12 m (49.21x39.37 ft)	12x10 m (39.37x32.81 ft)	10x8 m (32.81x26.25 ft)
Loading capacity	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	DIN EN 13814 (2012) DIN EN 1991 / Eurocode 1 DIN EN 1999 / Eurocode 9 DIN EN 1993 / Eurocode 3 • All of our structures are produced under EN 1090 EXC2 as standard and include the necessary guy wires, instruction manual and engineering report	Fairground and amusement park machinery and structures Actions on structures Design of aluminium structures Design of steel structures
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 wind speed if not considered Out of service 28.8m/s - 103km/h-64mph (Max. gust wind speed)	
Ballast	This can vary per tower from 1000kg / 2203lbs up to 8000kg/17637lbs 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, in keders, configurable for various sizes 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 >	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 m³	(1765 ft³)	30 m³	(1060 ft³)	25 m³	(882 ft³)