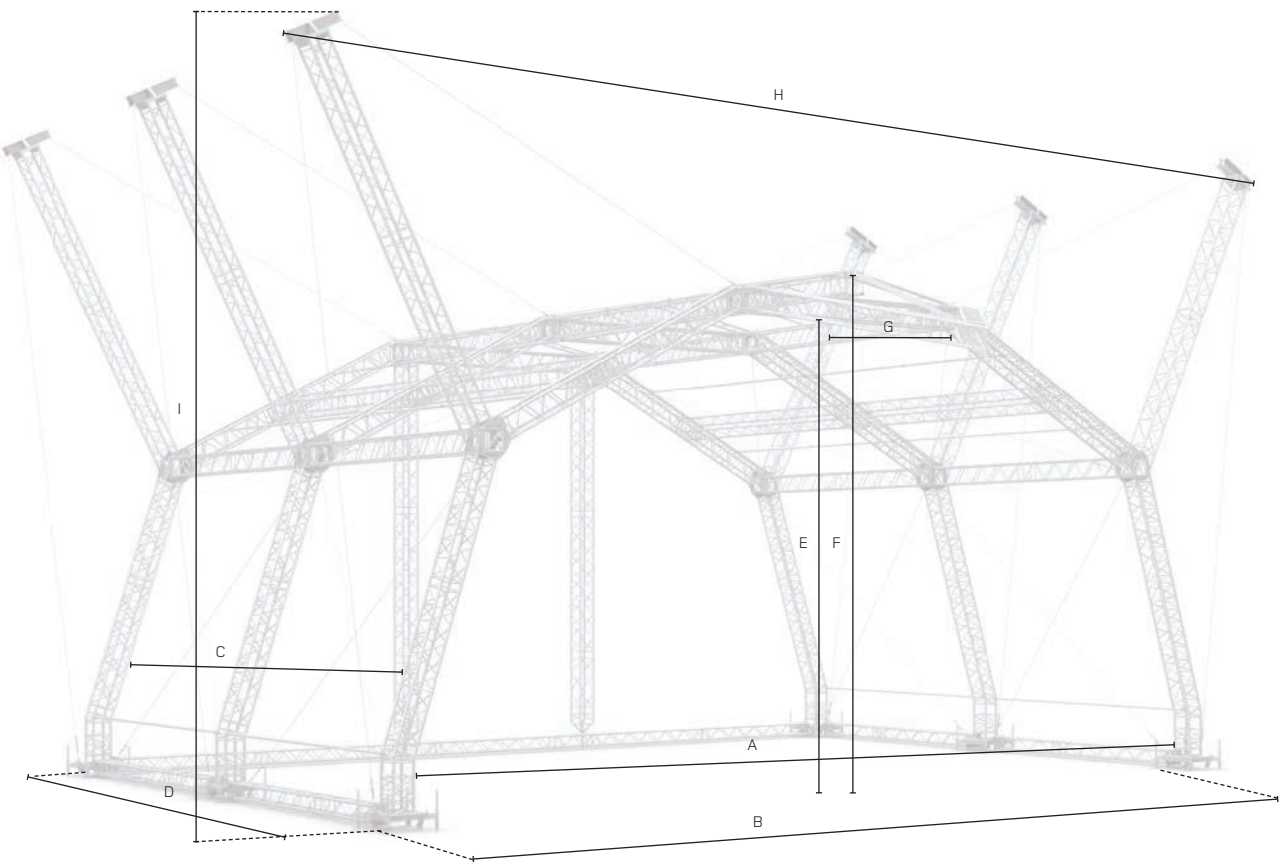
Milos. Works better.

We cover you!

BAT roofs

- iconic BAT Roof structure for temporary events
- special cross tensioned tower masts requiring no external plant for assembly
- various sizes using various truss ranges available
- includes back stage area
- supplied complete with internal wind bracing wires & connection accessories
- full structural calculation report & build manual available
- PVC roof colour and side walls options
- integrated base ring-beam using heavy-duty M290 series
- optional front cantilever

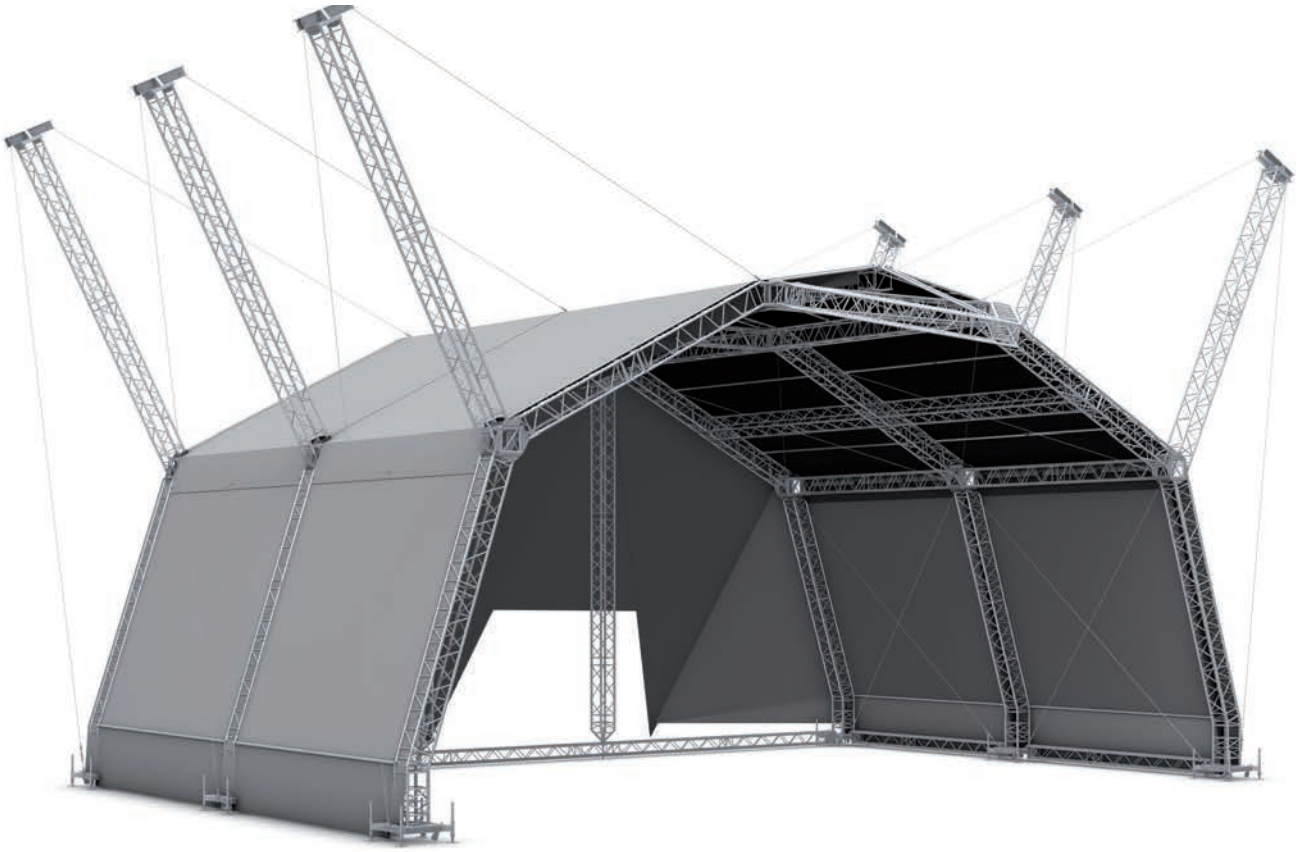


TECHNICAL SPECIFICATIONS

		Stage size ›	16x10 m	52,50x32,81 ft
Dimensions	A	Internal width	17,22 m	56.50 ft
	B	Overall external width	18,62 m	61.09 ft
	C	Internal depth	10,40 m	34.12 ft
	D	Overall external depth	11,80 m	38.71 ft
	E	Clearance	8,00 m	26.25 ft
	F	Overall height	8,86 m	29.07 ft
	G	Cantilever depth	3,17 m	10.40 ft
	H	Overall external width - TOP	21,30 m	69.88 ft
	I	Overall external height - TOP	11,84 m	38.85 ft

LOADING CAPACITY

		Stage size ›	16x10 m	52,50x32,81 ft
Loading capacity	Main grid	Uniformly distributed (UDL)	6000 kg	13216 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 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 windspeed)
	Out of service	28m/s - 100km/h - 62mph (Max. gust windspeed)
	* Full side walls coverage	
	* Training recommended	
Ballast	This can vary per column from 1800kg / 3694lbs up to 2813kg / 6196lbs and depends on:	
	• If towers are free standing or interconnected	
	• Lay-out 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	
	Silvergrey; other colors or inside black on request	
Customized	Customisation (i.e. truss configuration, alternative dimensions, roof adjustability) on requirement	

TRANSPORTATION DATA

	Stage size ›	16x10 m	52,50x32,81 ft
Self-weight	* Exact self-weight depends on configuration	4990 kg	10991 lbs
Transport volume	* Packed in carton boxes and bubble foil	60 m^3	2119 ft^3