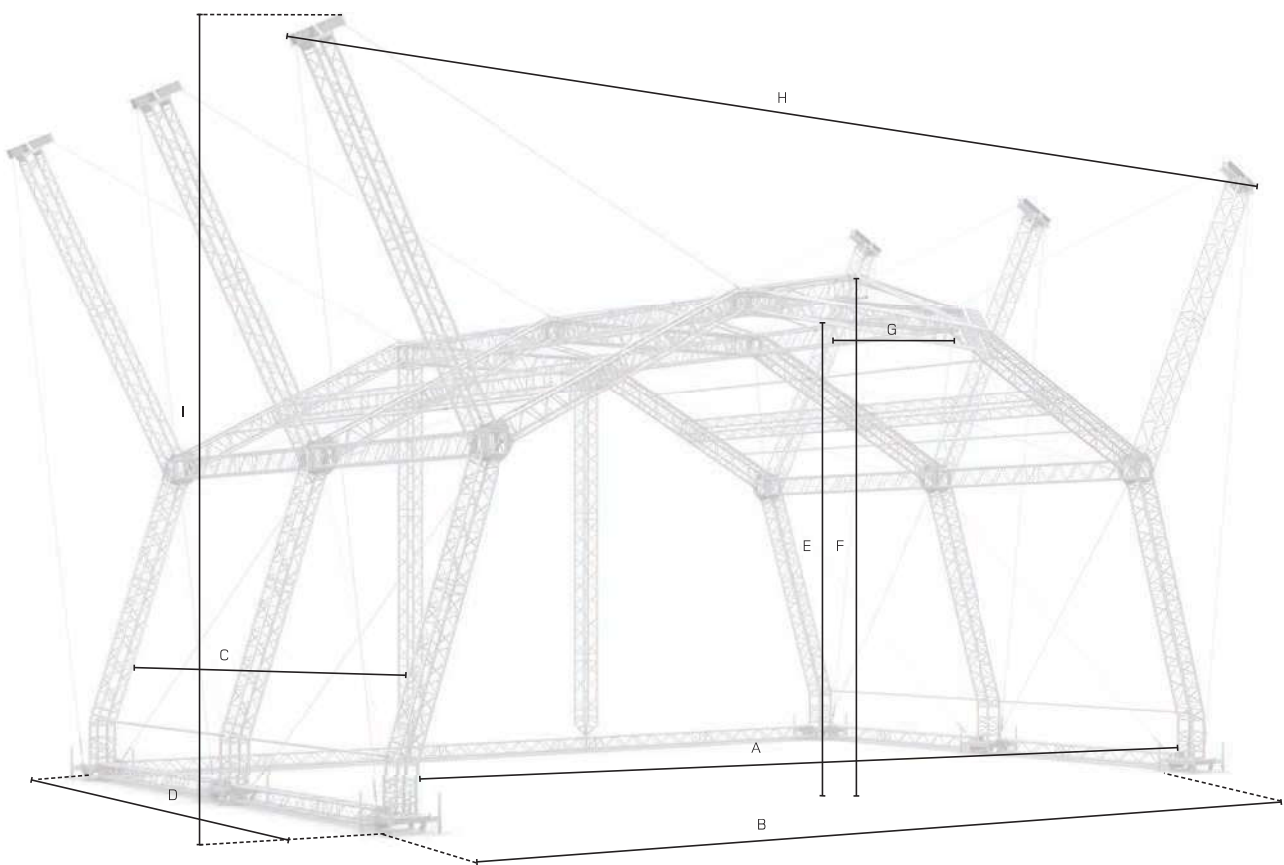


We've got  
you covered

# BAT roofs

- Iconic BAT Roof structure for temporary events
- Special cross - tensioned tower masts requiring no heavy machinery 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 wall options
- Integrated base ring-beam using heavy-duty M290 series
- Optional front cantilever



TECHNICAL SPECIFICATIONS						
Dimensions	Stage size >		16x10 m	52.50x32.81 ft		
	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						
Loading capacity	Stage size >		16x10 m	52.50x32.81 ft		
	Main grid	Uniformly distributed (UDL)	6000 kg	13216 lbs		
* See structural report for exact load positioning						



### OPERATIONAL SPECIFICATIONS

Design standards	DIN EN 13814 (2005) 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 Out of service * Full side wall coverage * Training recommended	17.8m/s - 64km/h - 40mph (Max. gust wind speed) 28m/s - 100km/h - 62mph (Max. gust wind speed)
Ballast	This can vary per column from 1800kg / 3694lbs up to 2813kg / 6196lbs and depends on: <ul style="list-style-type: none"> <li>• If towers are free standing or interconnected</li> <li>• Layout of canopies</li> <li>• Self-weight of load or interconnected stage is considered (Might be deducted from ballast under certain conditions)</li> <li>• Friction material used between screw jacks, padding and sub soil</li> </ul>	
Canopy & sidewalls	B1 fire retardant canopy on request Silvergry, other colors or inside black on request	
Customized	Customisation (i.e. truss configuration, alternative dimensions, roof adjustability) upon request	

### 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 <sup>3</sup>	2119 ft <sup>3</sup>			