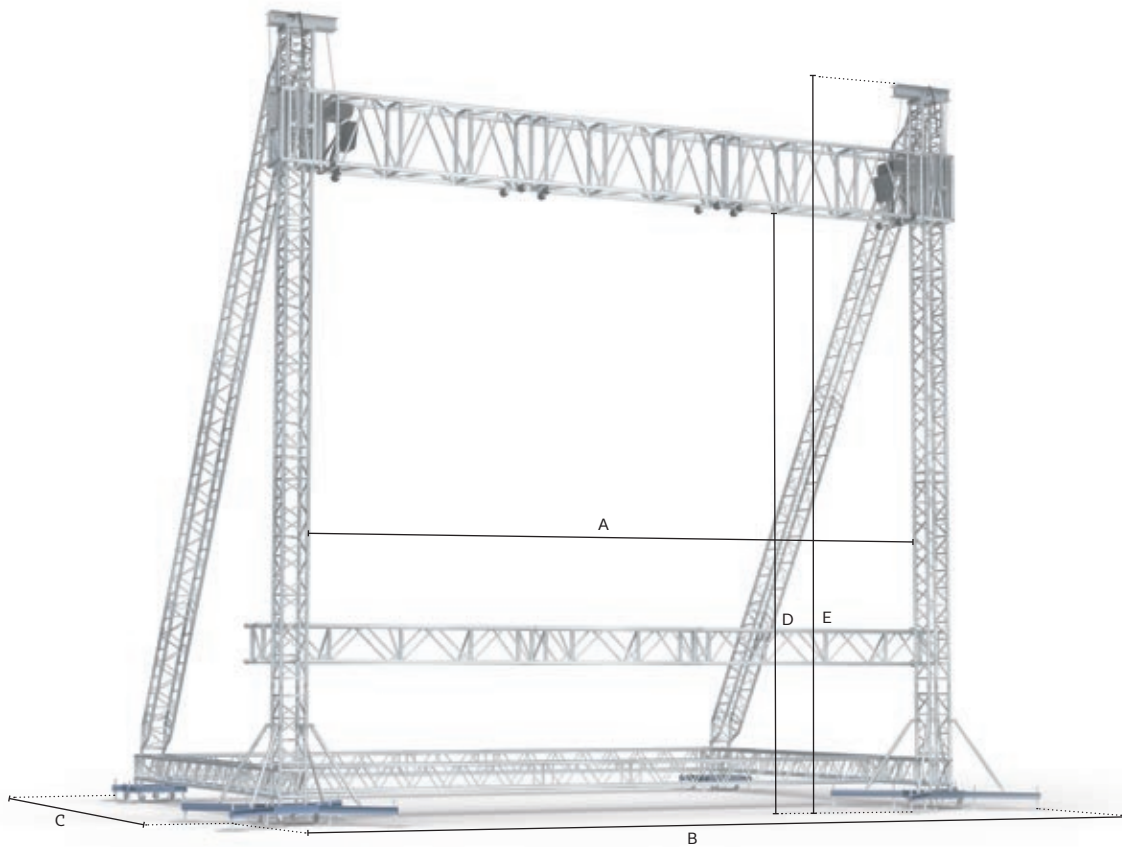


LSG3 LED screen structures

- Large format MT Tower LED Screen Support solution
- Various system options available to suit specific screen size & weight
- Self-climbing towers with electric or manual hoists
- Rear base frame & diagonal stabiliser to provide obstruction-free viewing



Technical specifications

		LED screen size >	10x6 m (32.80x19.70 ft)	8x6 m 26.30x19.70 ft
Dimensions	A	Internal width	11.36 (37.26)	9.36 (30.71)
	B	Overall external width	13.99 (45.89)	11.99 (39.34)
	C	Overall external depth	8.38 (27.49)	8.38 (27.49)
	D	Clearance	8.50 (27.88)	8.31 (27.27)
	E	Overall height	10.56 (34.64)	10.56 (34.65)

Loading capacity

		LED screen size >	10x6 m (32.80x19.70 ft)	8x6 m (26.30x19.70 ft)
Loading capacity	LED Screen	6x point loads equally divided	400 kg (882 lbs)	500 kg (1101 lbs)
		4x point loads equally divided	840 kg (1852 lbs)	1000 kg (2203 lbs)
		Max. total load	3300 kg (7275 lbs)	4000 kg (8811 lbs)
		* See structural report for exact load positioning		



Operational Specifications

Design standards	DIN EN 13814 DIN 1055-4 DIN 4113 DIN 18800 • 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 / wind Design of aluminium structures Design of steel structures
Wind management	Max. wind speed incl. screen * Screen to be stabilised against swinging by cross truss at bottom of screen	28m/s - 100km/h - 62mph (Max. basic wind speed)
Ballast	4x 2000kg / 4410 lbs at the end of each outrigger * Figure based on screwjack to timber spreader to rubber to concrete / asphalt	
Customized	• Customisation, i.e. truss configuration, alternative dimensions, upon request • Always verify your screen dimensions, weight and rigging with MIOS	

Transportation data

	LED screen size >	10x6 m (32.80x19.70 ft)	8x6 m (26.30x19.70 ft)
Self-weight	* Exact self-weight depends on configuration	2400 kg (5291 lbs)	1858 kg (4093 lbs)
Transport volume	* Packed in carton boxes and bubble foil	15 m³ (530 ft ³)	12 m³ (424 ft ³)