

MRT1 PA Fly Tower

- Compact, heavy-duty M290 truss series
- Lifting operations with either electrical or manual chain hoist
- Head section equipped with double pulley system for attachment of safety chain or safety wire parallel to lifting chain
- Multiple attachment points on base for connection of hoists and safeties

Truss series M290V

Main Chords	mm	in	48x3 (1.89x0.12)
Diagonals	mm	in	16x2 (0.62x0.08)
Height	m	ft	8 (26.3)
Self weight	kg	lbs	178 (392)
WLL	kg	lbs	750 (1653)

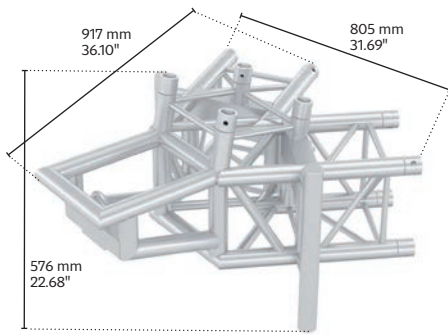
Components for MRT1 8m tower

MRT1-01B BaseCorner	1 piece
MRT1-02B HeadSection	1 piece
MRT1-03B ScrewjackAdapter	2 pieces
MRT1-04 StabilizerHorizontalR	1 piece
MRT1-04 StabilizerHorizontalL	1 piece
MRT1-05 StabilizerVertical	1 piece
MRT1-06 StabilizerTube	2 pieces
MRT1-07B Hinges 4pcs	1 set
ScrewjackTR38x1-590	6 pieces
QTV1000 1m	1 piece
QTV3000 3m	4 pieces

Operational specifications

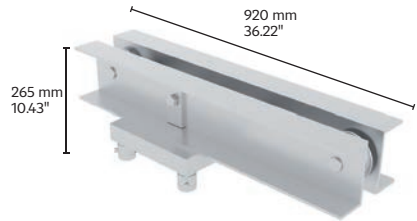
Design standards	DIN EN 13814	Fairground and amusement park machinery and structures
	DIN EN 1991 / Eurocode 1	Actions on structures
	DIN EN 1999 / Eurocode 9	Design of aluminium structures
	DIN EN 1993 / Eurocode 3	Design of steel structures
Wind management	In service	17.8 m/s - 64 km/h - 40 mph (Max. gust wind speed)
	Out of service	28 m/s - 100 km/h - 62 mph (Max. gust wind speed)

Ballast	750 kg payload with 3,0 m ² front size and 2,5 m ² side size → ballast 250 kg per end of long legs + 320 kg on back side
	750 kg payload with 3,0 m ² front size and 2,5 m ² side size → ballast 1000 kg centric on a cross beam placed on top of the legs
	400 kg payload with 1,5 m ² front size and 1,0 m ² side size → ballast 500 kg centric on a cross beam placed on top of the legs



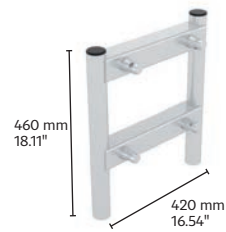
MRT1-01B|BaseCorner

Weight	
kg	lbs
10.8	(23.8)
For use with M290 series. Equipped with bracket for chain hoist	



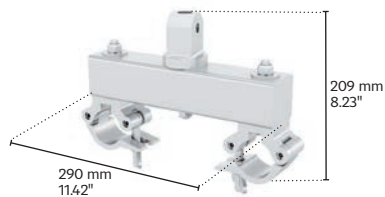
MRT1-02B|HeadSection

Weight	
kg	lbs
14.5	(32)
Fitted with steel pulleys for 7 - 8mm (0.28-0.31") chain	



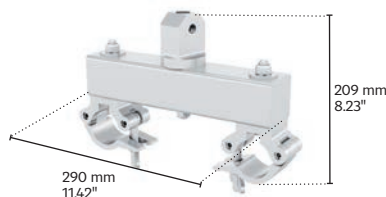
MRT1-03B|ScrewjackAdapter

Weight	
kg	lbs
6.5	(14.3)
Adapter stand for screwjacks	



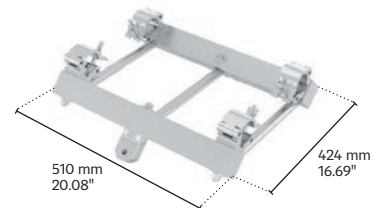
MRT1-04|StabilizerHorizontalR

Weight	
kg	lbs
2.6	(5.7)
Stabiliser attachment horizontal Right	



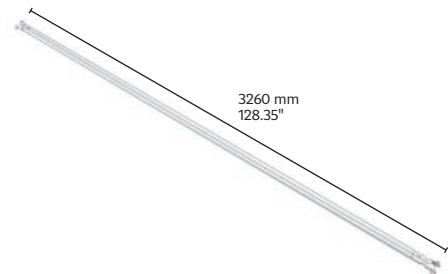
MRT1-04|StabilizerHorizontalL

Weight	
kg	lbs
2.6	(5.7)
Stabiliser attachment horizontal Left	



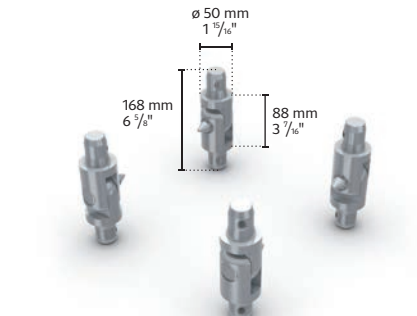
MRT1-05|StabilizerVertical

Weight	
kg	lbs
7.5	(16.5)
Stabiliser attachment vertical	



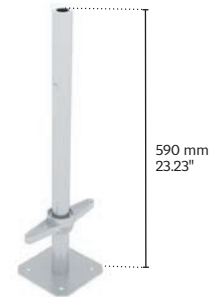
MRT1-06|StabilizerTube

Weight	
kg	lbs
10.8	(23.8)
Stabiliser tube 60x6 mm	



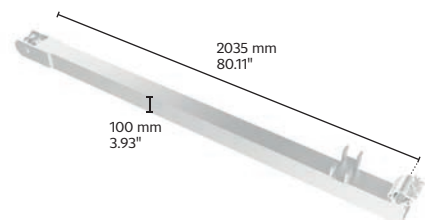
MRT1-07B|Hinges|4pcs

Weight	
kg	lbs
00.0	(00.00)
xxx	



ScrewjackTR38x1-590

Weight	
kg	lbs
3.2	(7)
Screwjack	



MRT1 Helper

Weight	
kg	lbs
21.00	(46.29)
Used for assistance in elevating the tower	