Technical sheet

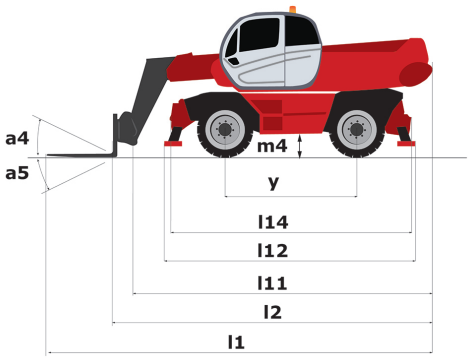
MRT-X 2145 EASY 400

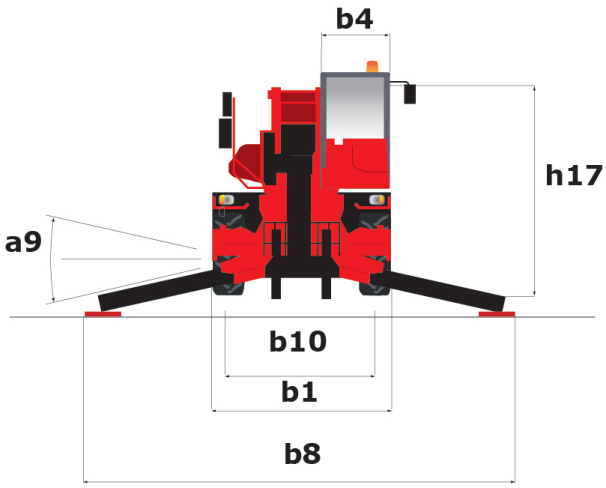
Rotating Telehandlers

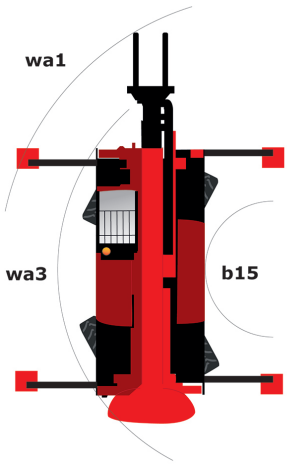
MANITOU
HANDLING YOUR WORLD

Capacities		
Max. capacity	4500 kg	9920.80 lbs
Max. lift height	20.60 m	57 ft 58 in
Max. reach	17.90 m	58 ft 73 in
Dimensions		
l2 - Length to fork heel	6.59 m	21.62 ft
l1 - Overall length	7.79 m	25.60 ft
b1 - Overall machine width	2.50 m	8.20 ft
b8 - Overall width with stabilisers extended	4.98 m	16.30 ft
h17 - Overall height	3.02 m	9.91 ft
Wa3 - - Frame outer turning radius	5.52 m	18.10 ft
m4 - Machine ground clearance	0.32 m	1.05 ft
Standard tyres	Pneumatic	Pneumatic
Weight	14530 kg	32033 lbs
Stabilisers		
Type	Wing Type	Wing Type
Controls	Individual or Simultaneous	Individual or Simultaneous
Engine		
Brand	Perkins	Perkins
Environmental standards	1104D-44T	1104D-44T
Power	101 hp / 74.50 kW	- / 74.50 kW
Max. torque	392 Nm at -	289 ft.lbs at -
Number of cylinders - Capacity	4 - 4400 cm^3	4 - 268.50 in^3
Injection	Direct	Direct
Cooling	by Water	by Water
Transmission		
Type	Hydrostatic	Hydrostatic
Max. speed of travel (may vary according to the applicable regulation)	32 km/h	19.80 mph
Drawbar pull	7900 daN	17759.20 lbf
Parking brake	Automatic negative parking brake	Automatic negative parking brake
Service brake	Hydraulic	Hydraulic
Hydraulics		
Type of pump	Gear pump	Gear pump
Hydraulic flow rate	115 l/min	34.30 gpm
Pressure	270 bar	3916 psi
Tank capacities		
Hydraulic oil	150 l	39.60 US gal.
Fuel	130 l	34.34 US gal.
Noise & vibration		
Noise at driving position (LpA)	79.70 dB(A)	79.70 dB(A)
Noise to environment (LwA)	104 dB(A)	104 dB(A)
Vibration on hands/arms	<2.5 m/s^2	-

Dimensional drawing

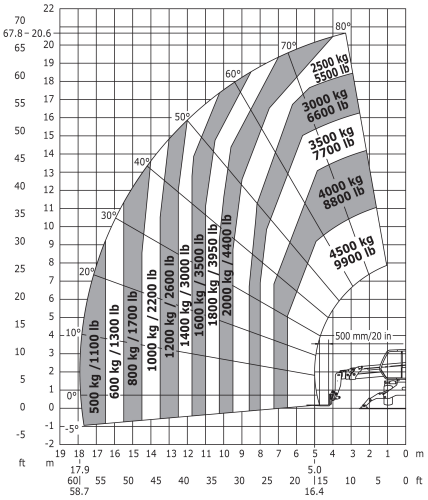


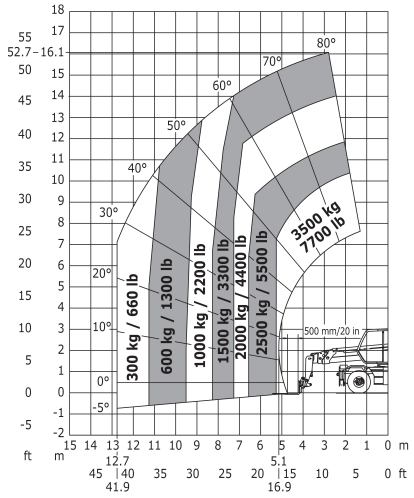


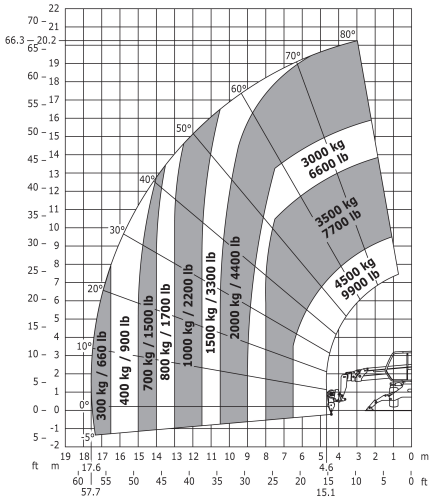


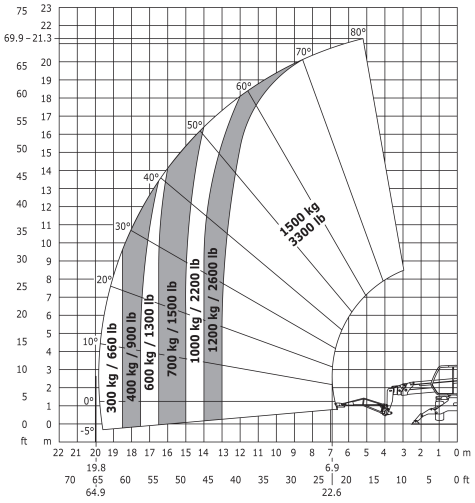
Other data	Metric
l11 - Overall length of fork carriage	6.59 m
l12 - Overall width at stabilisers	7.79 m
b8 - Overall width with stabilisers extended	4.98 m
y - Wheelbase	2.73 m
Wa1 - Outer turning radius (with forks)	5.52 m

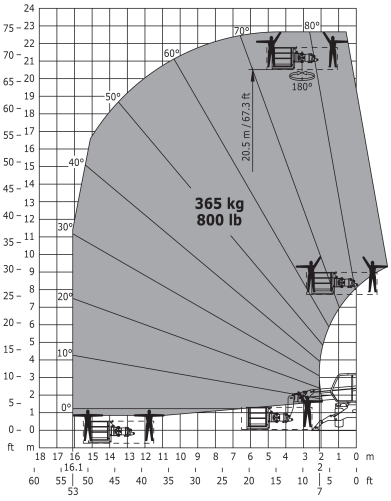
Load chart

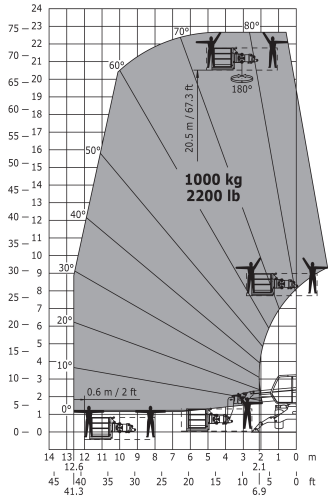

500 kg /1100 lb
600 kg /1300 lb
800 kg /1700 lb
1000 kg / 2200 lb
1200 kg / 2600 lb
1400 kg / 3000 lb
1600 kg / 3500 lb
1800 kg / 3950 lb
2000 kg / 4400 lb
2500 kg 5500 lb
3000 kg 6600 lb
3500 kg 7700 lb
4000 kg 8800 lb
4500 kg 9900 lb
500 mm/20 in


300 kg / 660 lb
600 kg / 1300 lb
1000 kg / 2200 lb
1500 kg / 3300 lb
2000 kg / 4400 lb
2500 kg / 5500 lb
3500 kg 7700 lb
500 mm/20 in


300 kg / 660 lb
400 kg / 900 lb
700 kg / 1500 lb
800 kg / 1700 lb
1000 kg / 2200 lb
1500 kg / 3300 lb
2000 kg / 4400 lb
3000 kg 6600 lb
3500 kg 7700 lb
4500 kg 9900 lb


300 kg / 660 lb
400 kg / 900 lb
600 kg / 1300 lb
700 kg / 1500 lb
1000 kg / 2200 lb
1200 kg / 2600 lb
1500 kg 3300 lb


180°
20.5 m / 67.3 ft
365 kg
800 lb


180°
20.5 m / 67.3 ft
1000 kg
2200 lb
0.6 m / 2 ft

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