

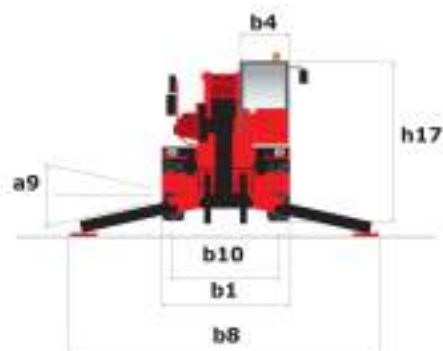
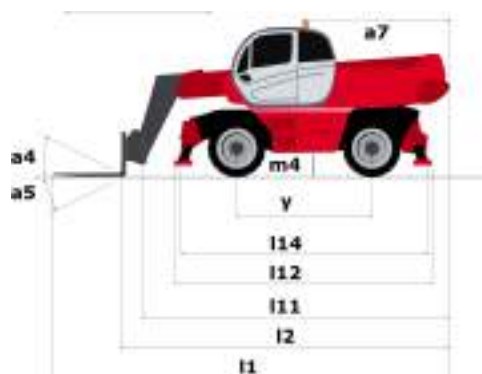
Technical sheet

MRT-X 2470 PRIVILEGE PLUS

Rotating Telehandlers

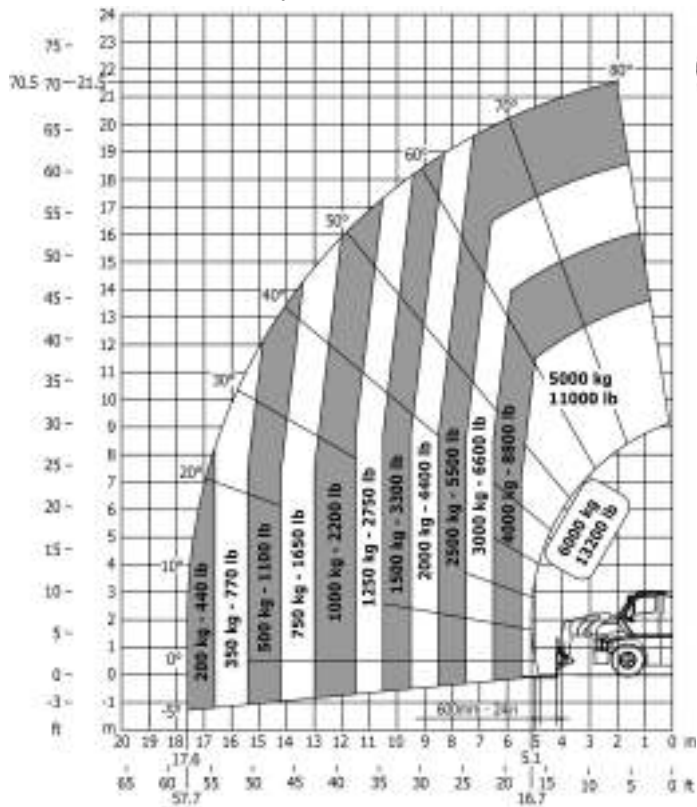


Capacities	Metric	Imperial
Max. capacity	7000 kg	15432.36 lbs
Max. lift height	24.80 m	81 ft 4 in
Max. reach	20.50 m	65 ft 7 in
Dimensions		
l2 - Length to fork heel	7.55 m	24 ft 9 in
l1 - Overall length	8.75 m	26 ft 3 in
b1 - Overall machine width	2.49 m	8 ft 2 in
b7 - Overall width with stabilisers extended	6.25 m	20 ft 6 in
h17 - Overall height	3.05 m	10 ft
Wa3 - - Frame outer turning radius	6.50 m	21 ft 4 in
m4 - Machine ground clearance	0.35 m	1 ft 2 in
a4 - Tilt-up angle	12.30 °	12.30 °
a5 - Tilt-down angle	108.70 °	108.70 °
Standard tyres	Pneumatic	Pneumatic
Standard forks	1200 x 130 x 60	47.2 x 5.11 x 2.36
Weight	21760 kg	47972.59 lbs
Stabilisers		
Type	Telescopic Duplex	Telescopic Duplex
Controls	Individual or Simultaneous	Individual or Simultaneous
Engine		
Brand	Mercedes	Mercedes
Model	OM 904 LA E3A - Stage 3A	OM 904 LA E3A - Stage 3A
Power	176 hp / 129 kW	176 hp / 129 kW
Max. torque	675 Nm at 1600 rpm	497.85 ft.lbs at 1600 rpm
Number of cylinders - Capacity	4 - 4.25 cm ³	4 - 259.35 in ³
Injection	Direct	Direct
Cooling	by Water	by Water
Transmission		
Type	Hydrostatic	Hydrostatic
Drawbar pull	9500 daN	21356.85 lbf
Parking brake	Automatic negative parking brake	Automatic negative parking brake
Service brake	Hydraulic	Hydraulic
Hydraulics		
Type of pump	Variable Flow	Variable Flow
Hydraulic flow rate	180 l/min	47.50 gpm
Pressure	350 bar	5076.32 psi
Tank capacities		
Hydraulic oil	290 l	76.60 US gal.
Fuel	290 l	76.60 US gal.
Noise & vibration		
Noise at driving position (LpA)	79.70 dB(A)	79.70 dB(A)
Noise to environment (LwA)	108 dB(A)	108 dB(A)
Vibration on hands/arms	<2.50 m/s ²	<8.20 ft/s ²

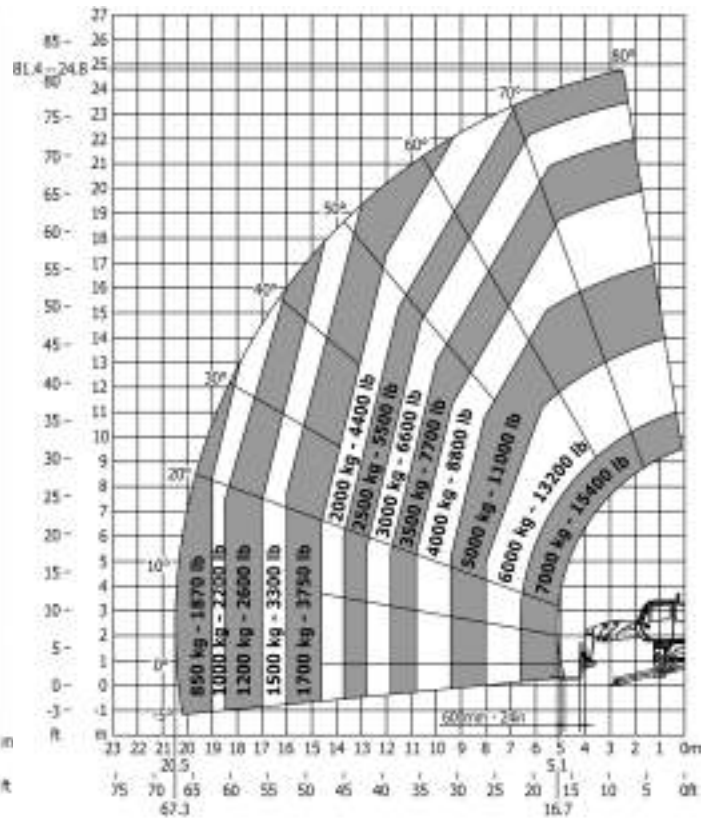


Other data	Metric	Imperial
l12 - Overall length at stabilisers	5.27 m	16 ft 10 in
b7 - Overall width with stabilisers extended	6.25 m	20 ft 6 in
b4 - Overall cab width	0.99 m	3 ft 3 in
l14 - Length of frame	5.60 m	18 ft 4 in
y - Wheelbase	3.25 m	10 ft 8 in
a9 - Levelling corrector	7.40 °	7.40 °
a4 - Tilt-up angle	12.30 °	12.30 °
a5 - Tilt-down angle	108.70 °	108.70 °
b10 - Front wheel gauge (middle of wheels)	2.05 m	6 ft 9 in
b11 - Rear wheel gauge (middle of wheels)	2.05 m	6 ft 9 in
Wa1 - Outer turning radius (with forks)	6.50 m	21 ft 4 in
b15 - Inside turning radius	1.50 m	4 ft 11 in

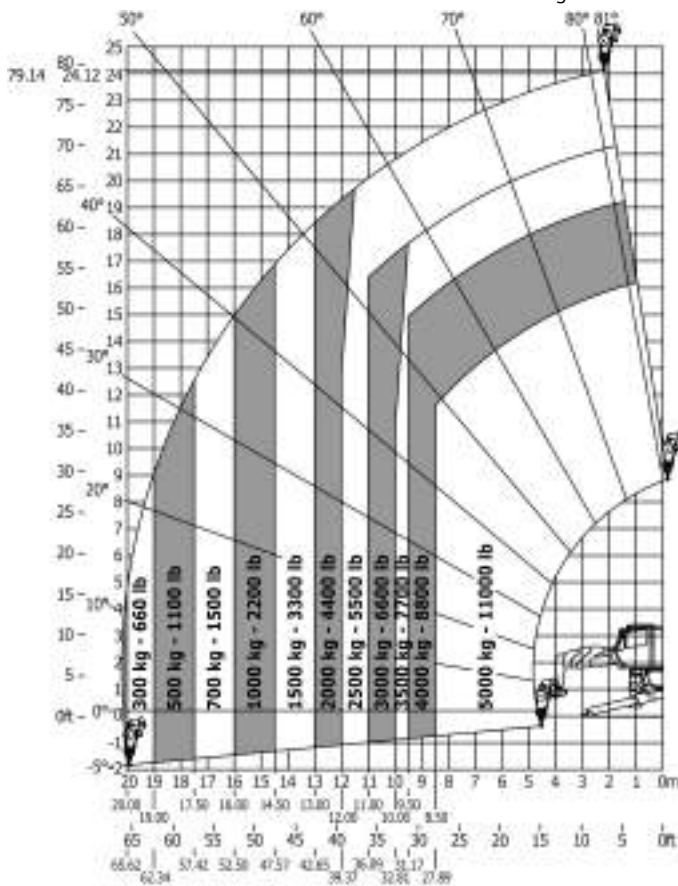
Machine on tyres with forks - CoG 600 mm



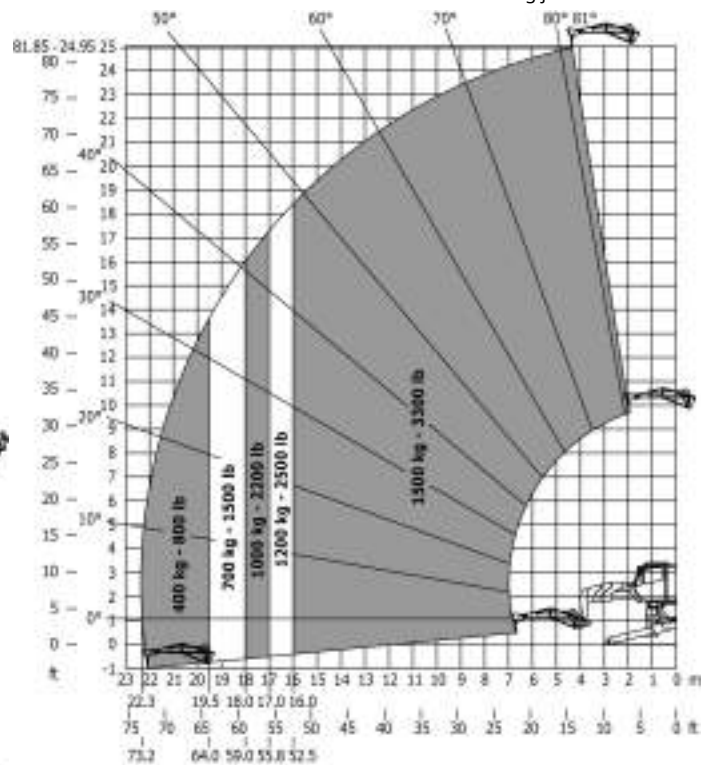
Rotation on lowered stabilisers with forks - CoG 600 mm



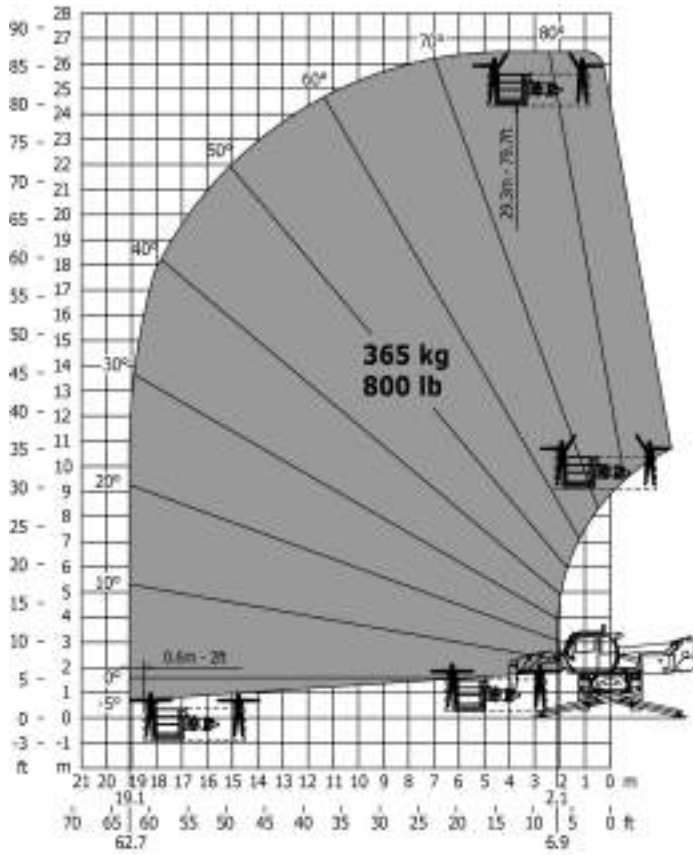
Rotation on lowered stabilisers with winch 5000 kg



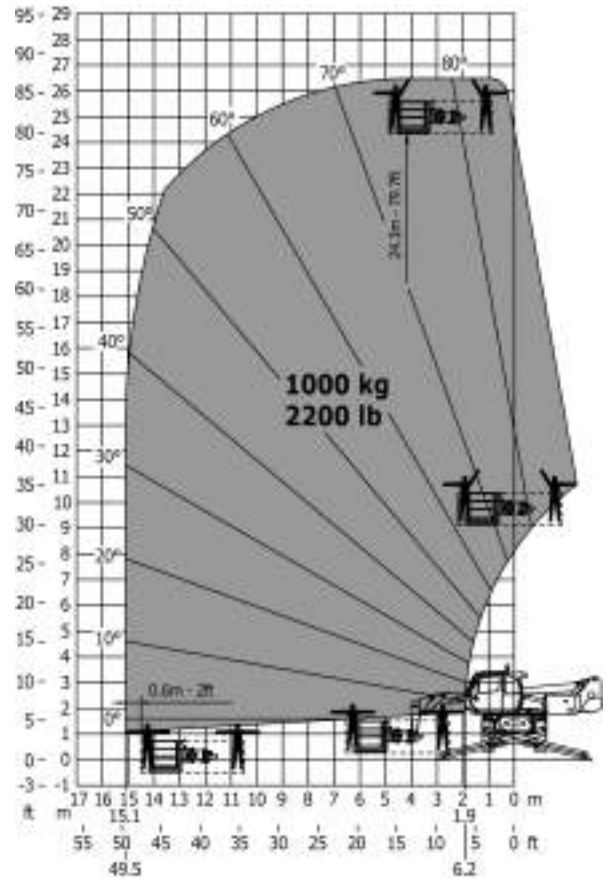
Rotation on lowered stabilisers with 1500 kg jib



Rotation on lowered stabilisers with 365 kg platform



Rotation on lowered stabilisers with 1000 kg platform





Siège Social
430 rue de l'Aubinière - 44150 Ancenis Cedex - France
Tel: +33(0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97
www.manitou.com



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