Technical sheet :

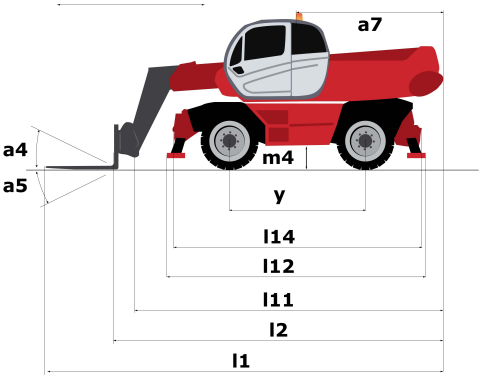
MRT-X 2550 PRIVILEGE PLUS

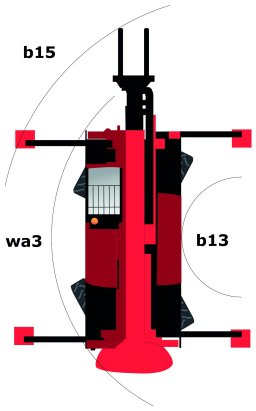


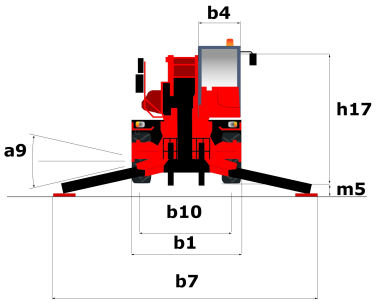
MANITOU
HANDLING YOUR WORLD

Capacities		Metric	Imperial
Max. capacity	Q	4999 kg	11021 lbs
Max. lifting height	h3	25.78 m	84 ft 7 in
Max. Reach	l4	21.4 m	70 ft 3 in
Weight and dimensions			
Ground clearance	m4	0.35 m	1 ft 2 in
Wheelbase	y	3.05 mm	0.12 in
Length to face of forks	l2	7.84 m	25 ft 9 in
Length of frame	l14	5.35 m	17 ft 7 in
Overall length (with forks)	l1	7.84 m	25 ft 9 in
Overall width	b1	2.49 m	8 ft 2 in
Overall width with stabilisers extended	b7	5.55 m	18 ft 3 in
Overall height	h17	3.05 m	10 ft
Overall cab width	b4	0.99 m	3 ft 3 in
Tilt-down angle	a5	102 °	102 °
Tilt-up angle	a4	13 °	13 °
Forks length / width / section	l / e / s	1200 mm x 50 mm x 15 mm	3 ft 11 in x 2 in x 1 in
Turret rotation		360 °	360 °
Outer frame turning radius	Wa3	5.23 m	17 ft 2 in
Internal turning radius (over tyres)	b13	1.7 m	5 ft 7 in
Wheels			
Tyres type		Pneumatic	Pneumatic
Steering wheels (front / rear)		2 / 2	2 / 2
Drive wheels (front / rear)		2 / 2	2 / 2
Stabilisers			
Stabs Type		Telescopic Duplex	Telescopic Duplex
Controls with stabs		Stabs Commands Individual or Simultaneous	Stabs Commands Individual or Simultaneous
Engine			
Engine brand		Mercedes	Mercedes
Engine norm		Stage IIIa / Tier 3	Stage IIIa / Tier 3
Engine model		OM 904 LA. E3A/2	OM 904 LA. E3A/2
I.C. Engine power rating / Power (kW)		150 Hp / 110 kW	150 Hp / 110 kW
Max. torque / Engine rotation		1600 @ 1200 tr/min	1600 @ 1200 tr/min
Number of cylinders - Capacity of cylinders		3400 - 4250 cm³	3400 - 259.35 in³
Injection		engine Injection direct	engine Injection direct
Engine cooling system		Water	Water
Number of batteries		2	2
Battery / Batteries capacity		12 V / 120 A	12 V / 120 A
Drawbar pull (Laden)		8700 daN	8700 daN
Transmission			
Transmission type		Hydrostatic	Hydrostatic
Number of gears (forward / reverse)		2 / 2	2 / 2
Max. travel speed (may vary according to applicable regulations)		40 km/h	24.9 mph
Parking brake		Automatic Negative Hand-brake	Automatic Negative Hand-brake
Service brake		Hydraulic	Hydraulic
Hydraulics			
Hydraulic pump type		Gear Pump	Gear Pump
Hydraulic flow		115 l/min	115 l/min
Hydraulic Pressure		275 Bar	19 PSI
Tank capacities			
Hydraulic oil		225 l	49.49 gal
Fuel tank		305 l	67.09 gal
Noise and vibration			
Noise at driving position (LpA)		77.4 dB(A)	77.4 dB(A)
Noise to environment (LwA)		107 dB(A)	107 dB(A)
Vibration to whole hand/arm		< 2.50 m/s²	< 2.50 m/s²
Miscellaneous			
Controls		2 Joysticks	2 Joysticks
Safety cabin homologation		Cab ROPS - FOPS Level 2	Cab ROPS - FOPS Level 2
Attachment recognition system (E-Reco)		Standard	Standard

Dimensional drawing



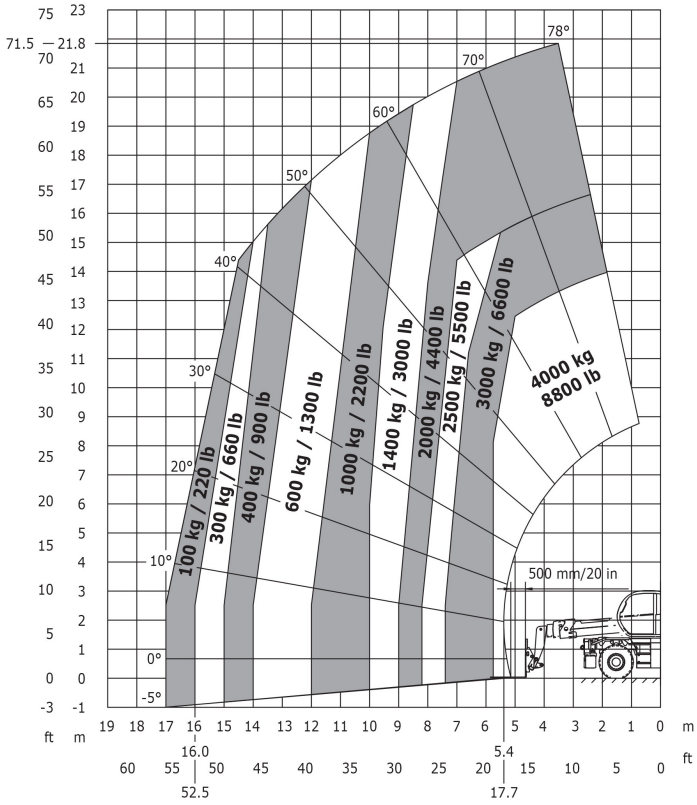




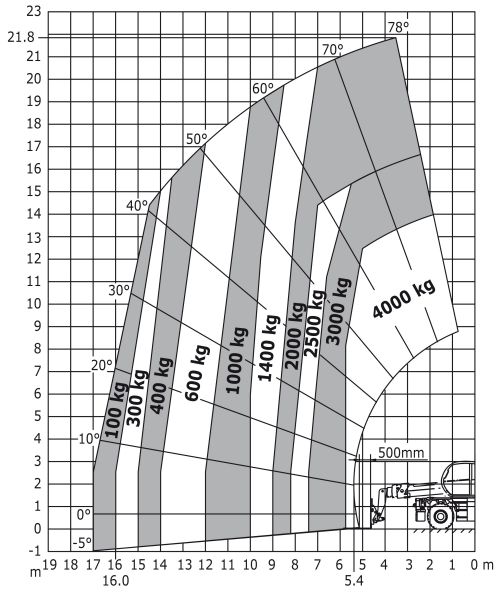
Other data		Metric	Imperial
Overall length at stabilisers	l12	5.55 m	18 ft 3 in
Overall width with stabilisers extended	b7	5.55 m	18 ft 3 in
Overall cab width	b4	0.99 m	3 ft 3 in
Length of frame	l14	5.35 m	17 ft 7 in
Wheelbase	y	3.05 mm	0.12 in
Counterweight offset (turret at 90°)	a7	3.18 m	10 ft 5 in
Front wheel gauge	b10	2.05 m	6 ft 9 in
Outer turning radius (with forks)	b15	5.23 m	17 ft 2 in
Internal turning radius (over tyres)	b13	1.7 m	5 ft 7 in
Frame Levelling Corrector	a9	8 °	8 °

Load chart

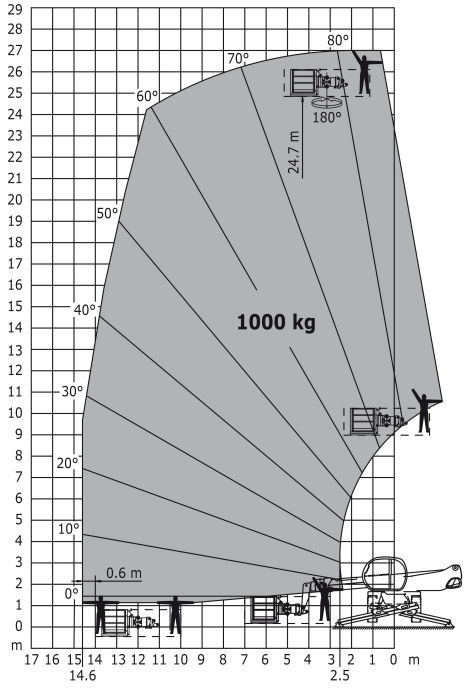
Load Chart metric



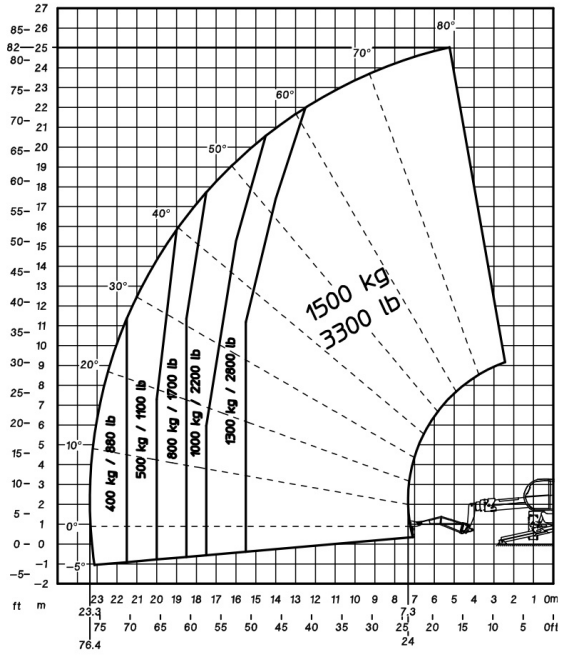
Machine on tyres with forks Metric



Rotation on lowered stabilisers with 1000 kg platform Metric

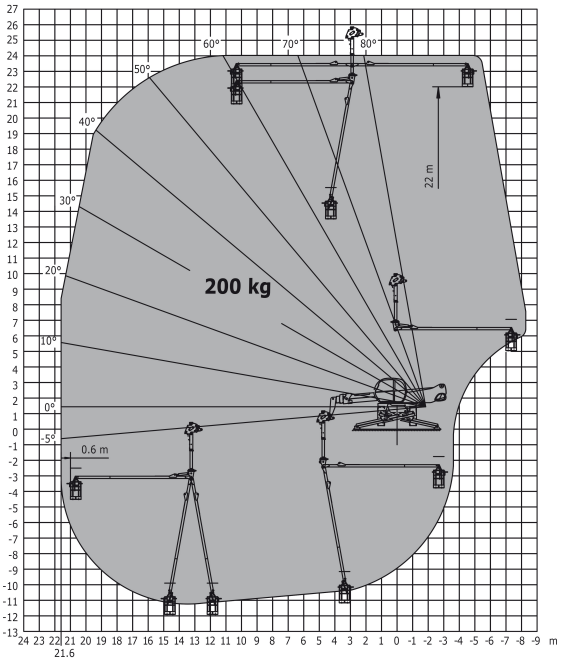


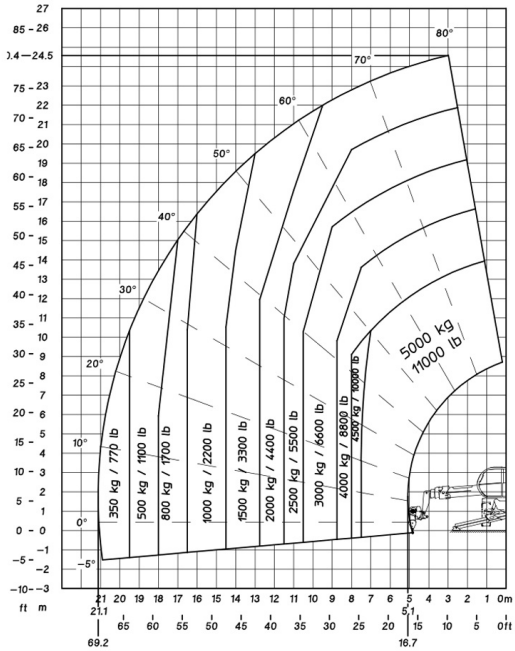
Rotation on lowered stabilisers with 1500 kg jib Metric



Rotation on lowered stabilisers with 3D negative Metric

Rotation on lowered stabilisers with winch 5000 kg Metric


200 kg
22 m
0.6 m
21.6


5000 kg
11000 lb
350 kg / 770 lb
500 kg / 1100 lb
800 kg / 1700 lb
1000 kg / 2200 lb
1500 kg / 3300 lb
2000 kg / 4400 lb
2500 kg / 5500 lb
3000 kg / 6600 lb
4000 kg / 8800 lb
4500 kg / 10000 lb
21.1
69.2
5.1
16.7

MANITOU
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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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