Technical sheet:

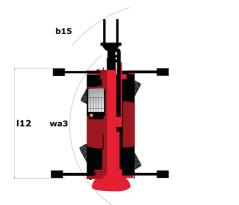
# MRT 2150 PRIVILEGE PLUS

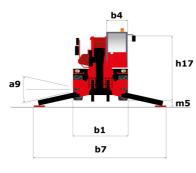


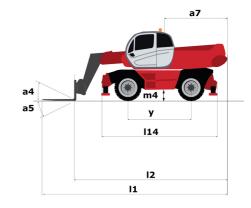


0 111		11.0	
Capacities		Metric	Imperial
Max. capacity		4999 kg	11021 lb
Max. lifting height		20.90 m	68 ft 7 in
Maximum outreach		17.90 m	58 ft 9 in
Veight and dimensions			
Overall length (with forks)	I1	8.07 m	26 ft 6 in
ength to face of forks	12	6.87 m	22 ft 6 in
Overall width	b1	2.49 m	8 ft 2 in
overall height	h17	3.05 m	10 ft
Overall cab width	b4	0.99 m	3 ft 3 in
Outer frame turning radius	Wa3	5.23 m	17 ft 2 in
Ground clearance	m4	0.35 m	1 ft 2 in
Vheelbase	у	3.05 m	10 ft
rame leveling longitudinal +/-	,	8 °	8 °
	a4	12 °	12 °
ilt-up angle		105 °	
ilt-down angle	a5		105 °
urret rotation (Max.)		360 °	360 °
verall weight		17930 kg	39529 lb
orks length / width / section	l/e/s	1200 mm x 150 mm x 50 mm	47 in x 6 in x 2 in
/heels			
tandard tires		445/65 R22,5	445/65 R22,5
rive wheels (front / rear)		2/2	2/2
teering mode		2 wheel steer, 4 wheel steer, Crab mode	2 wheel steer, 4 wheel steer, Crab mode
tabilisers			
tabilizers Type		Telescopic Duplex	Telescopic Duplex
ontrols with stabs		Stabs Commands Individual or Simultaneous	Stabs Commands Individual or Simultaneou
ngine			
ngine brand		Mercedes	Mercedes
ngine norm		Stage IV, Tier 4 final	Stage IV, Tier 4 final
ngine model		OM 934 LA.E4-5	OM 934 LA.E4-5
C. Engine power rating / Power / Engine rotation		156 Hp / 115 kW @ 1600 rpm	156 Hp / 115 kW @ 1600 rpm
Max. torque / Engine rotation (min)		675 Nm @ 1200 rpm	498 ft/lbs @ 1200 rpm
lumber of cylinders - Capacity of cylinders		4 - 5130 cm <sup>3</sup>	4 - 313 in <sup>3</sup>
entiper of cylinders of apacity of cylinders		engine Injection direct	engine Injection direct
•			
Ingine cooling system		Water	Water
Electric circuit		0. 40.1/	0.407
lumber of batteries / Battery voltage		2 x 12 V	2 x 12 V
2V Battery capacity		120 Ah	120 Ah
ransmission			
ransmission type		Hydrostatic	Hydrostatic
lumber of gears (forward / reverse)		2/2	2/2
fax. travel speed		40 km/h	25 mph
rawbar pull		8700 daN	8700 daN
arking brake		Automatic Negative Hand-brake	Automatic Negative Hand-brake
ervice brake		Hydraulic	Hydraulic
lydraulics			
lydraulic pump type		Gear pump	Gear pump
lydraulic flow		115 l/min	30 US gpm
lydraulic Pressure		275 bar	3989 PSI
ank capacities		2, 0 Dai	
ngine oil		14	4 US gal
-			
uel tank		305	81 US gal
iesel Exhaust fluid (AdBlue® type)		57 l	15 US gal
loise and vibration			
oise at driving position (LpA)		79.70 dB	79.70 dB
loise to environment (LwA)		108 dB	108 dB
ibration on hands/arms		< 2.50 m/s <sup>2</sup>	< 2.50 m/s <sup>2</sup>
Miscellaneous			
teering wheels (front / rear)		2 / 2	2 / 2
Controls		2 Joysticks	2 Joysticks
Cab certification		Cabin ROPS - FOPS level 2	Cabin ROPS - FOPS level 2
		Standard	Standard

## MRT 2150 Privilege Plus - Dimensional drawing







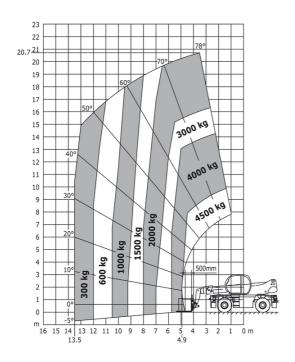
Other data	
Length of frame	l14
Wheelbase	у
Ground clearance	m4
Counterweight offset (turret at 90°)	a7
Tilt-up angle	a4
Tilt-down angle	a5
Overall length at stabilisers	l12
Outer frame turning radius	Wa3
Outer turning radius (with forks)	b15
Overall width with stabilisers extended	b7
Overall height	h17
Frame leveling corrector	a9
Ground clearance under front tires on stabilizers	m5

Metric
5.35 m
3.05 m
0.35 m
2.68 m
12 °
105 °
5.19 m
5.23 m
6.55 m
5.55 m
3.05 m
+/- 8 °
0.23 m

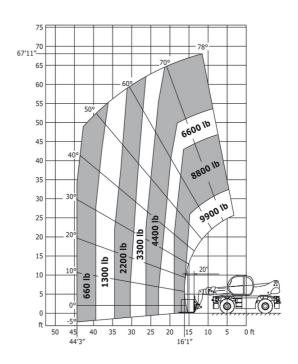
17 ft 7 in
10 ft
1 ft 2 in
8 ft 10 in
12 °
105 °
17 ft
17 ft 2 in
21 ft 6 in
18 ft 3 in
10 ft
+/- 8 °
9 in

## MRT 2150 Privilege Plus - Load chart

## Machine on tires with forks Metric

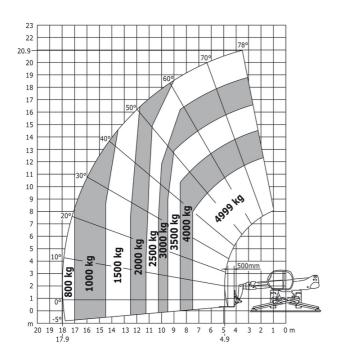


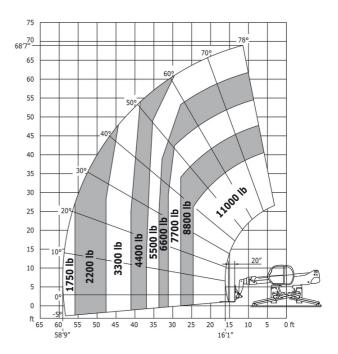
## Machine on tires with forks Imperial



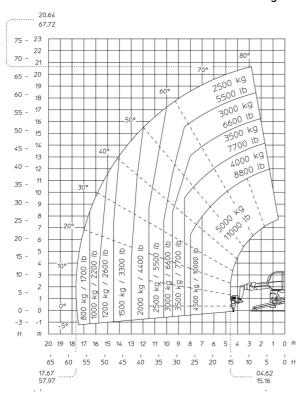
### Machine on lowered stabilisers with forks Metric

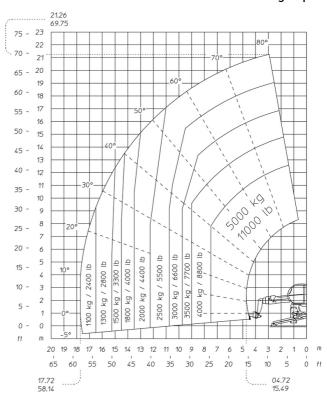
#### Machine on lowered stabilisers with forks Imperial





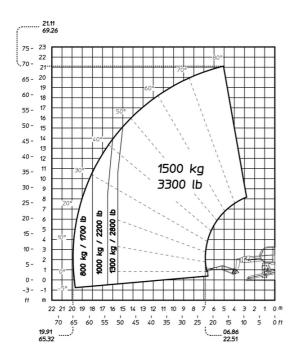
### Machine on lowered stabilisers with winch 5000 kg Metric Machine on lowered stabilisers with winch 5000 kg Imperial

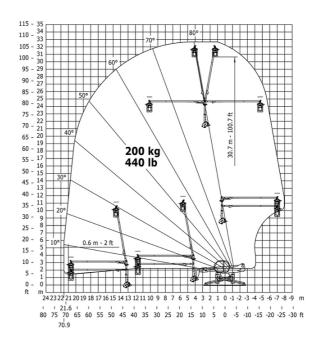




Machine on lowered stabilisers with 1500 kg jib Metric

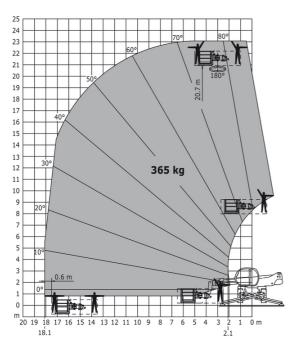
Machine on lowered stabilisers with 3D positive / negative Imperial

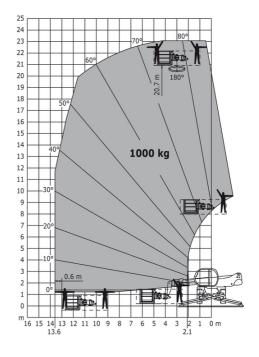




Machine on lowered stabilisers with 365 kg platform Metric Machine on lowered stabilisers with 1000 kg platform

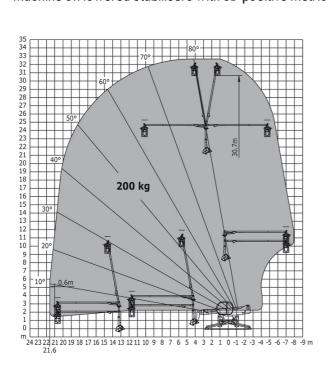
Metric

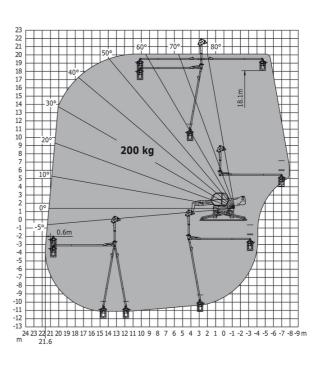




Machine on lowered stabilisers with 3D positive Metric

Machine on lowered stabilisers with 3D negative Metric









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