Technical sheet :

# MRT 2150 PRIVILEGE PLUS

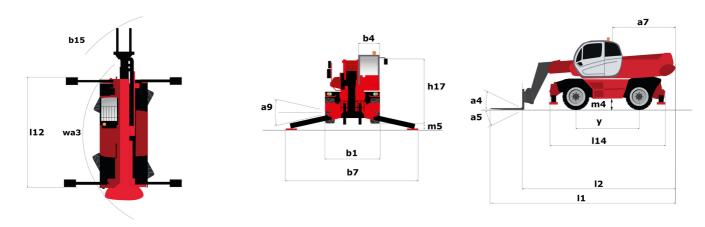




# MRT 2150 PRIVILEGE PLUS Created on July 3, 2025 at 8:45 PM UTC

Capacities		Metric	Imperial
lax. capacity		4999 kg	11021 lb
ax. lifting height		20.90 m	68 ft 7 in
aximum outreach		17.90 m	58 ft 9 in
eight and dimensions			
verall length (with forks)	11	8.07 m	26 ft 6 in
ength to face of forks	12	6.87 m	22 ft 6 in
verall width	b1	2.49 m	8 ft 2 in
verall height	h17	3.05 m	10 ft
verall cab width	b4	0.99 m	3 ft 3 in
uter frame turning radius	Wa3	5.23 m	17 ft 2 in
round clearance	m4	0.35 m	1 ft 2 in
heelbase	у	3.05 m	10 ft
rame leveling longitudinal +/-		8 °	8 °
lt-up angle	a4	12 °	12 °
lt-down angle	a5	105 °	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			
andard tires		445/65 R22,5	445/65 R22,5
rive wheels (front / rear)		2/2	2/2
eering 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
lax. torque / Engine rotation (min)		675 Nm @ 1200 rpm	498 ft/lbs @ 1200 rpm
umber of cylinders - Capacity of cylinders		4 - 5130 cm <sup>3</sup>	4 - 313 in <sup>3</sup>
jection		engine Injection direct	engine Injection direct
ngine cooling system		Water	Water
lectric circuit			
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
umber of gears (forward / reverse)		2/2	2/2
lax. 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
ydraulics			injulatio
ydraulic pump type		Gear pump	Gear pump
ydraulic flow		115 l/min	30 US gpm
ydraulic Pressure		275 bar	3989 PSI
ank capacities		2.5 501	
ngine oil		141	4 US gal
uel tank		305 1	81 US gal
iesel Exhaust fluid (AdBlue® type)		57 1	15 US gal
oise and vibration		571	
oise at driving position (LpA)		79.70 dB	79.70 dB
oise to environment (LwA)		108 dB	108 dB
ibration on hands/arms		< 2.50 m/s <sup>2</sup>	
		< 2.50 M/S*	< 2.50 m/s²
liscellaneous teoring whoels (front ( rect)		2.12	0.40
teering wheels (front / rear)		2 / 2 2. Junitieke	2 / 2 2. Investigate
ontrols ab certification		2 Joysticks Cabin ROPS - FOPS level 2	2 Joysticks Cabin ROPS - FOPS level 2

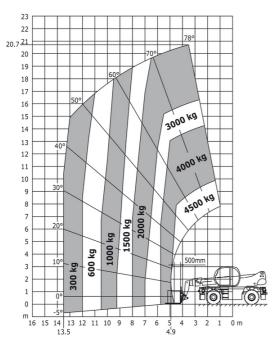
# MRT 2150 Privilege Plus - Dimensional drawing



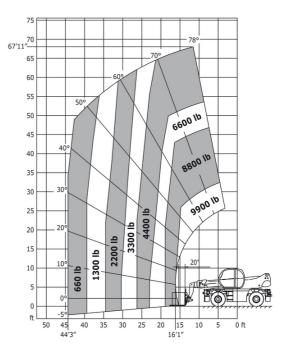
Other data		Metric	Imperial
Length of frame	114	5.35 m	17 ft 7 in
Wheelbase	у	3.05 m	10 ft
Ground clearance	m4	0.35 m	1 ft 2 in
Counterweight offset (turret at 90Ű)	a7	2.68 m	8 ft 10 in
Tilt-up angle	a4	12 °	12 °
Tilt-down angle	a5	105 °	105 °
Overall length at stabilisers	112	5.19 m	17 ft
Outer frame turning radius	Wa3	5.23 m	17 ft 2 in
Outer turning radius (with forks)	b15	6.55 m	21 ft 6 in
Overall width with stabilisers extended	b7	5.55 m	18 ft 3 in
Overall height	h17	3.05 m	10 ft
Frame leveling corrector	a9	+/- 8 °	+/- 8 °
Ground clearance under front tires on stabilizers	m5	0.23 m	9 in

## MRT 2150 Privilege Plus - Load chart

#### Machine on tires with forks Metric

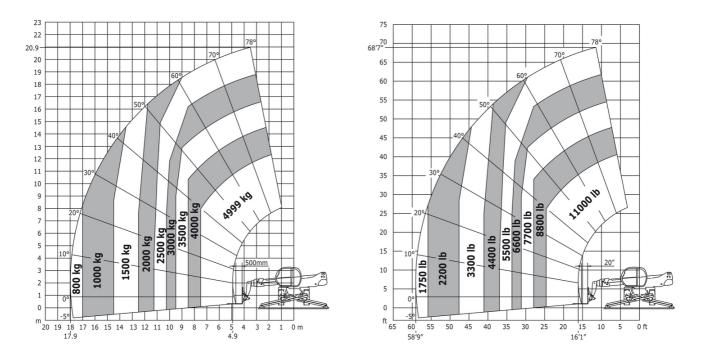


## Machine on tires with forks Imperial

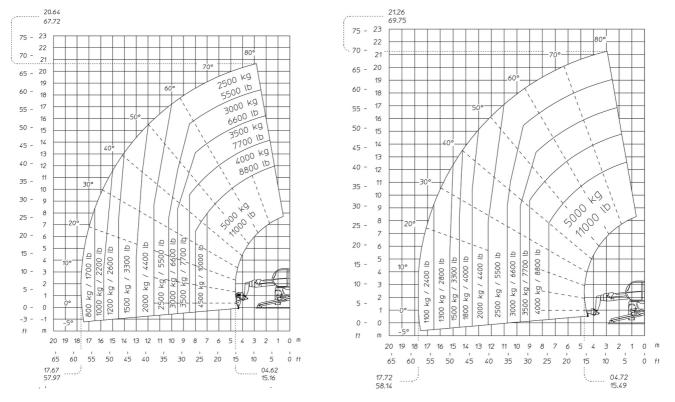


#### Machine on lowered stabilisers with forks Metric

#### Machine on lowered stabilisers with forks Imperial

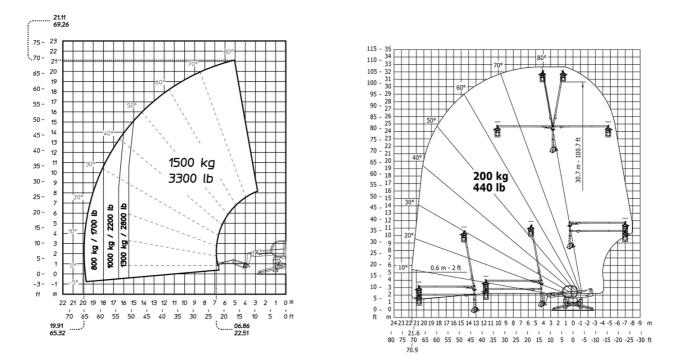


Machine on lowered stabilisers with winch 5000 kg Metric Machine on lowered stabilisers with winch 5000 kg Imperial

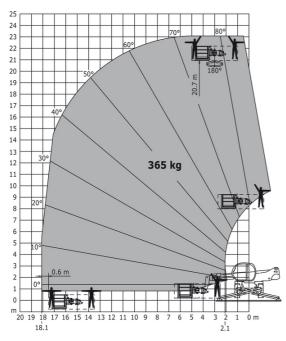


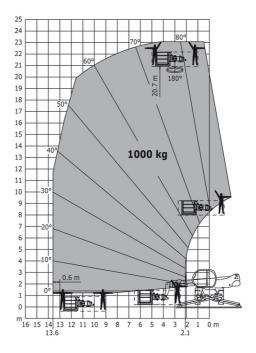
Machine on lowered stabilisers with 1500 kg jib Metric

Machine on lowered stabilisers with 3D positive / negative Imperial



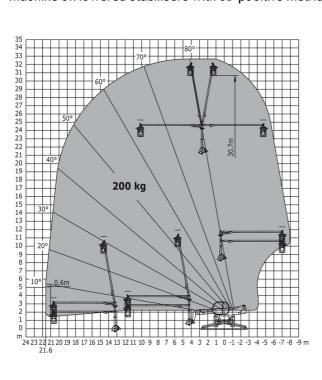
Machine on lowered stabilisers with 365 kg platform Metric Machine on lowered stabilisers with 1000 kg platform Metric

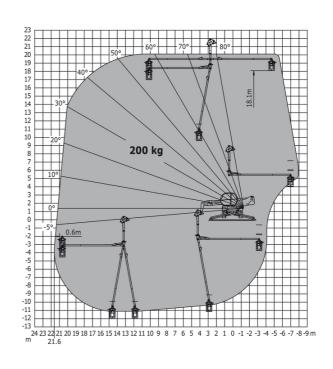




# Machine on lowered stabilisers with 3D positive Metric

Machine on lowered stabilisers with 3D negative Metric







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