Technical sheet:

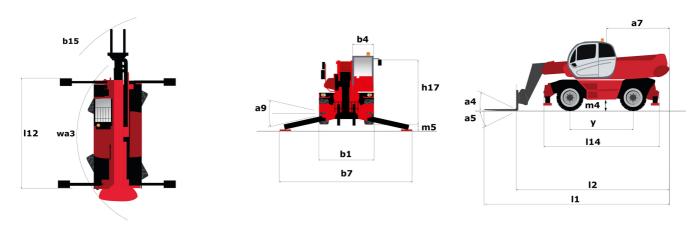
MRT 2150 PRIVILEGE PLUS





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			
verall length (with forks)	I1	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
Overall cab width	b4	0.99 m	3 ft 3 in
luter 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 °
	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
fax. torque / Engine rotation (min)		675 Nm @ 1200 rpm	498 ft/lbs @ 1200 rpm
umber of cylinders - Capacity of cylinders		4 - 5130 cm³	4 - 313 in ³
njection		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			
ydraulic pump type		Gear pump	Gear pump
ydraulic flow		115 l/min	30 US gpm
lydraulic Pressure		275 bar	3989 PSI
ank capacities		2, o bai	5707 T GI
ngine oil		14	4 US gal
-			
uel tank		305 I	81 US gal
iesel Exhaust fluid (AdBlue® type)		57 l	15 US gal
oise and vibration			
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 ²	< 2.50 m/s²
Miscellaneous			
teering wheels (front / rear)		2/2	2/2
Controls		2 Joysticks	2 Joysticks
ab certification		Cabin ROPS - FOPS level 2	Cabin ROPS - FOPS level 2

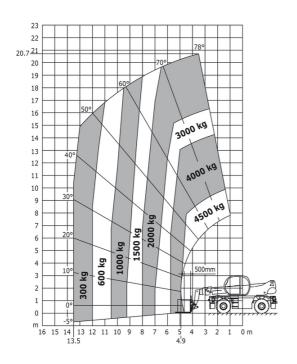
MRT 2150 Privilege Plus - Dimensional drawing



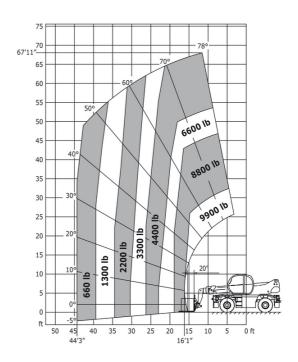
Other data		Metric	Imperial
Length of frame	l14	5.35 m	17 ft 7 in
Wheelbase	у	3.05 m	10 ft
Ground clearance	m4	0.35 m	1 ft 2 in
Counterweight offset (turret at 90°)	a7	2.68 m	8 ft 10 in
Tilt-up angle	a4	12 °	12 °
Tilt-down angle	a5	105 °	105 °
Overall length at stabilisers	l12	5.19 m	17 ft
Outer frame 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

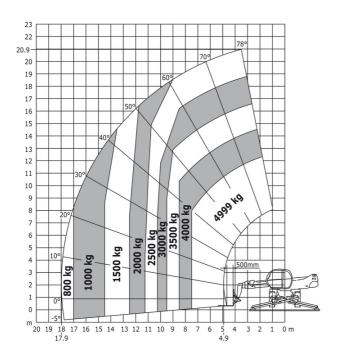


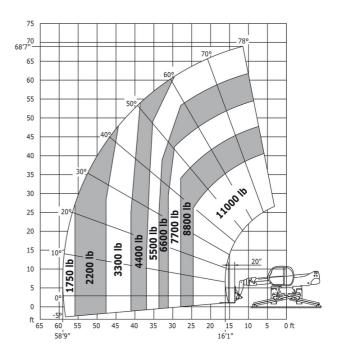
Machine on tires with forks Imperial



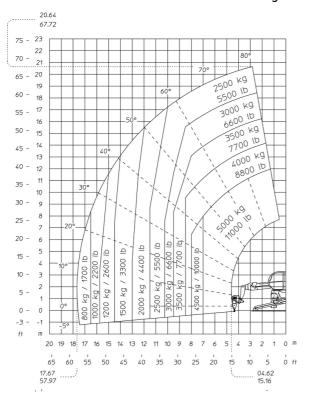
Machine on lowered stabilisers with forks Metric

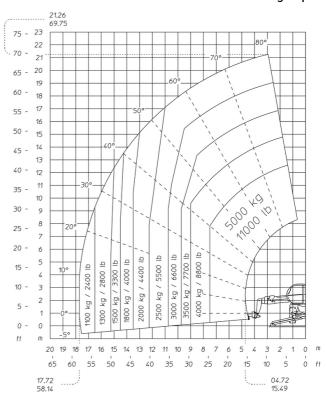
Machine on lowered stabilisers with forks Imperial





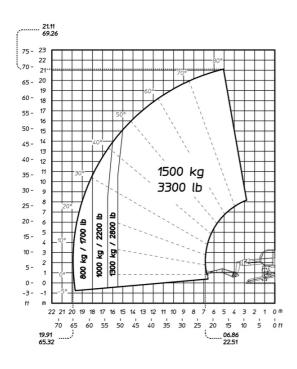
Machine on lowered stabilisers with winch 5000 kg Metric Machine on lowered stabilisers with winch 5000 kg Imperial

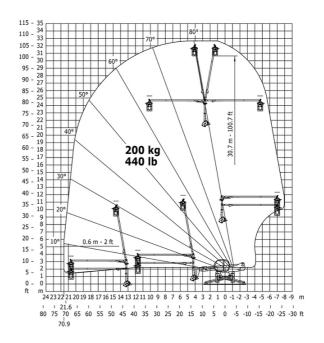




Machine on lowered stabilisers with 1500 kg jib Metric

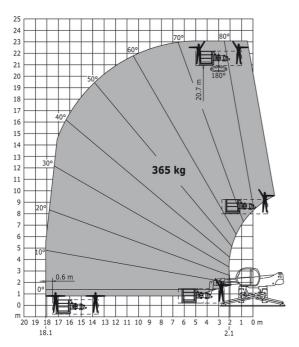
Machine on lowered stabilisers with 3D positive / negative Imperial

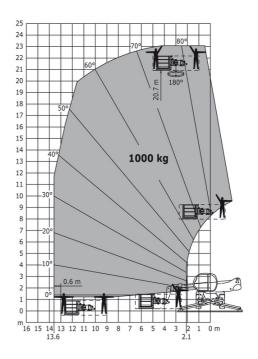




Machine on lowered stabilisers with 365 kg platform Metric Machine on lowered stabilisers with 1000 kg platform

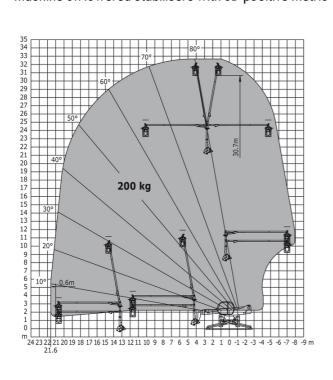
Metric

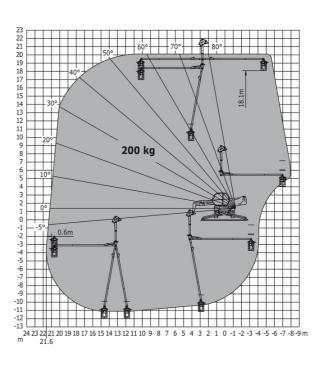




Machine on lowered stabilisers with 3D positive Metric

Machine on lowered stabilisers with 3D negative Metric









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