Technical sheet:

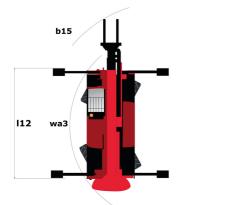
MRT 2150 PRIVILEGE PLUS

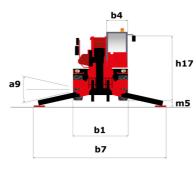


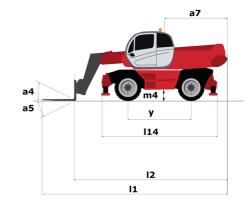


0 111			
Capacities		Metric	Imperial
Max. capacity		4999 kg	11021 lb
Max. lifting height		20.90 m	68 ft 7 in
Maximum outreach		17.90 m	58 ft 9 in
Veight and dimensions			
Overall length (with forks)	I1	8.07 m	26 ft 6 in
ength to face of forks	12	6.87 m	22 ft 6 in
Overall width	b1	2.49 m	8 ft 2 in
Overall 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 °
Overall 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
ingine			
ngine brand		Mercedes	Mercedes
ingine 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 cm³	4 - 313 in³
njection		engine Injection direct	engine Injection direct
ngine cooling system		Water	Water
lectric circuit			
Number of batteries / Battery voltage		2 x 12 V	2 x 12 V
2V Battery capacity	<u> </u>	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			,diddii
lydraulic pump type		Gear pump	Gear pump
lydraulic flow		Gear pump 115 l/min	
•			30 US gpm
lydraulic Pressure		275 bar	3989 PSI
ank capacities			
ngine oil		14	4 US gal
uel tank		305 I	81 US gal
iesel Exhaust fluid (AdBlue® type)		57 I	15 US gal
oise and vibration			
oise at driving position (LpA)		79.70 dB	79.70 dB
loise to environment (LwA)		108 dB	108 dB
fibration on hands/arms		< 2.50 m/s²	< 2.50 m/s²
/iscellaneous			
Steering wheels (front / rear)		2 / 2	2 / 2
Controls		2 Joysticks	2 Joysticks
ab certification		Cabin ROPS - FOPS level 2	Cabin ROPS - FOPS level 2
as seranoauon		Oubili Not o T Of o level 2	Oubili NOI O TOI O ICYCI Z

MRT 2150 Privilege Plus - Dimensional drawing







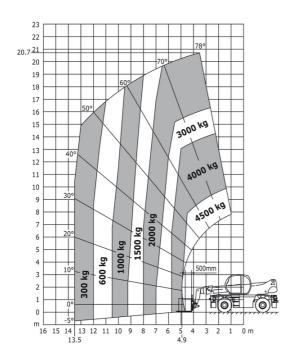
Other data	
Length of frame	l14
Wheelbase	у
Ground clearance	m4
Counterweight offset (turret at 90°)	a7
Tilt-up angle	a4
Tilt-down angle	a5
Overall length at stabilisers	l12
Outer frame turning radius	Wa3
Outer turning radius (with forks)	b15
Overall width with stabilisers extended	b7
Overall height	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

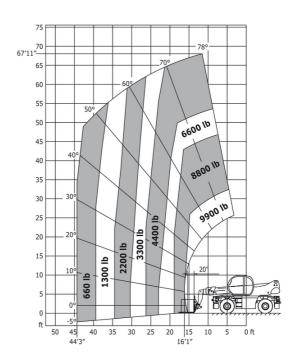
17 ft 7 in
10 ft
1 ft 2 in
8 ft 10 in
12 °
105 °
17 ft
17 ft 2 in
21 ft 6 in
18 ft 3 in
10 ft
+/- 8 °
9 in

MRT 2150 Privilege Plus - Load chart

Machine on tires with forks Metric

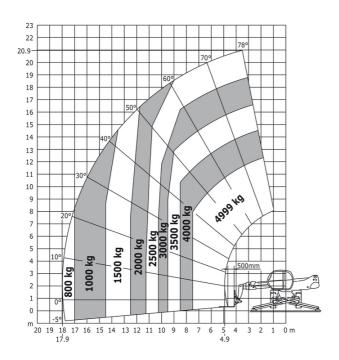


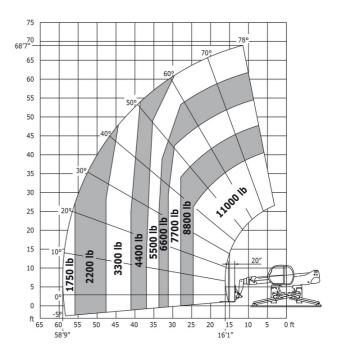
Machine on tires with forks Imperial



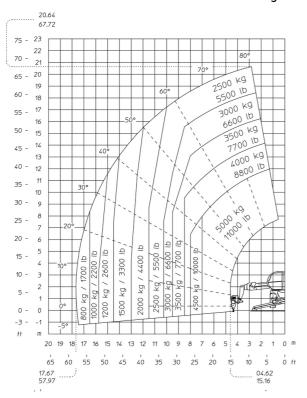
Machine on lowered stabilisers with forks Metric

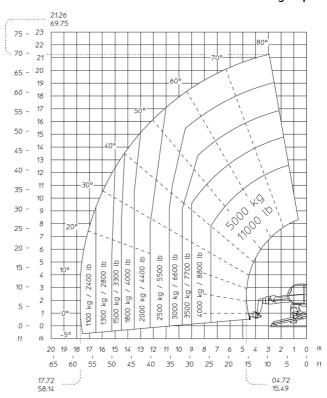
Machine on lowered stabilisers with forks Imperial





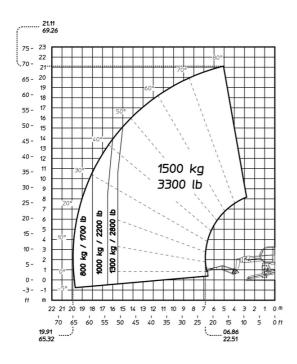
Machine on lowered stabilisers with winch 5000 kg Metric Machine on lowered stabilisers with winch 5000 kg Imperial

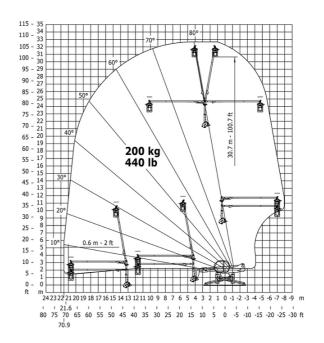




Machine on lowered stabilisers with 1500 kg jib Metric

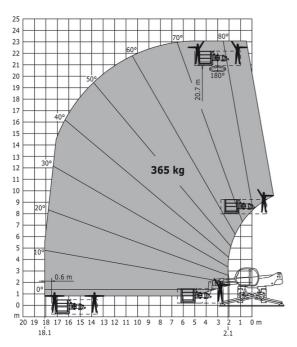
Machine on lowered stabilisers with 3D positive / negative Imperial

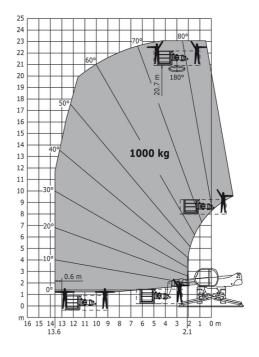




Machine on lowered stabilisers with 365 kg platform Metric Machine on lowered stabilisers with 1000 kg platform

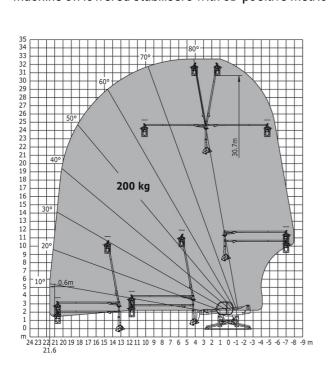
Metric

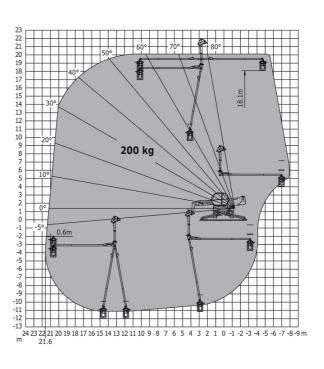




Machine on lowered stabilisers with 3D positive Metric

Machine on lowered stabilisers with 3D negative Metric









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