Technical sheet:

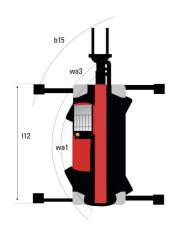
MRT 3050 PRIVILEGE PLUS

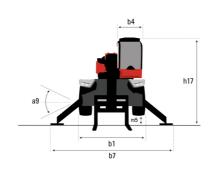




Capacities		Metric	Imperial
Max. capacity		4999 kg	11021 lb
Max. lifting height		29.50 m	96 ft 9 in
Maximum outreach		25.80 m	84 ft 8 in
Veight and dimensions			
verall length (with forks)	I1	9.02 m	29 ft 7 in
ength to face of forks	12	7.82 m	25 ft 8 in
verall width	b1	2.49 m	8 ft 2 in
verall height	h17	3.05 m	10 ft
verall cab width	b4	0.99 m	3 ft 3 in
uter frame turning radius	Wa3	4.90 m	16 ft 1 in
round clearance	m4	0.35 m	1 ft 2 in
/heelbase	у	3.25 m	10 ft 8 in
It-up angle	a4	12 °	12 °
ilt-down angle	a5	108 °	108 °
urret rotation		360 °	360 °
verall weight		21810 kg	48083 lb
orks length / width / section	I/e/s	1200 mm x 45 mm x 130 mm	47 in x 2 in x 5 in
/heels	1/6/3	1200 Hill X 43 Hill X 130 Hill	47 III X Z III X 3 III
res type		Pneumatic	Pneumatic
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
abilisers			
abilizers Type		Telescopic Duplex	Telescopic Duplex
ontrols with stabs		Stabs Commands Individual or Simultaneous	Stabs Commands Individual or Simultaneou
ngine			
gine brand		Mercedes	Mercedes
gine norm		Stage IV, Tier 4 final	Stage IV, Tier 4 final
igine model		OM 934 LA.E4-3	OM 934 LA.E4-3
C. Engine power rating / Power / Engine rotation		176 Hp / 129 kW @ 1600 rpm	176 Hp / 129 kW @ 1600 rpm
ax. torque / Engine rotation (min)		750 Nm @ 1200 rpm	553 ft/lbs @ 1200 rpm
umber of cylinders - Capacity of cylinders		4 - 5130 cm³	4 - 313 in ³
jection		engine Injection direct	engine Injection direct
ngine cooling system		Water	Water
ectric circuit			
umber of batteries / Battery voltage		2 x 12 V	2 x 12 V
2V Battery capacity		120 Ah	120 Ah
ransmission		1207(11	1207111
ransmission type		Hydrostatic	Hydrostatic
,		2 / 2	2 / 2
umber of gears (forward / reverse)			
ax. travel speed		40 km/h	25 mph
rawbar pull		9500 daN	9500 daN
arking brake		Automatic Negative Hand-brake	Automatic Negative Hand-brake
ervice brake		Hydraulic	Hydraulic
ydraulics			
ydraulic pump type		Variable pump	Variable pump
draulic flow		180 l/min	48 US gpm
draulic Pressure		350 bar	5076 PSI
draulic tank capacity	<u> </u>	290 I	77 US gal
ink capacities			
gine oil		21 l	6 US gal
el tank		290 l	77 US gal
esel Exhaust fluid (AdBlue® type)		57 I	15 US gal
oise and vibration			
ise at driving position (LpA)		79.70 dB	79.70 dB
oise to environment (LwA)		108 dB	108 dB
pration on hands/arms		< 2.50 m/s ²	< 2.50 m/s²
iscellaneous		× 2.00 III/3	· 2.50 III/ 5
		2 / 2	2 / 2
eering wheels (front / rear)			212
		0. 1	0 1 1
ontrols		2 Joysticks	2 Joysticks
ontrols ab certification ttachment recognition system (E-Reco)		2 Joysticks Cabin ROPS - FOPS level 2 Standard	2 Joysticks Cabin ROPS - FOPS level 2 Standard

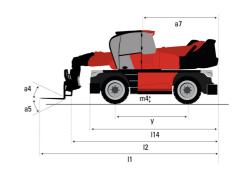
MRT 3050 Privilege Plus - Dimensional drawing





l14

H12 Wa3 b15 b7 h17 a9 m5



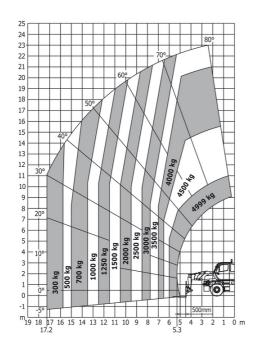
Other data	
Length of frame	
Wheelbase	
Ground clearance	
Counterweight offset (turret at 90°)	
Tilt-up angle	
Tilt-down angle	
Overall length at stabilisers	
Outer frame turning radius	
Outer turning radius (with forks)	
Overall width with stabilisers extended	
Overall height	
Frame leveling corrector	
Ground clearance under front tires on stabilizers	

Metric
5.62 m
3.25 m
0.35 m
3.42 m
12 °
108 °
5.62 m
4.90 m
6.49 m
6.06 m
3.05 m
+/- 7.40 °
0.32 m

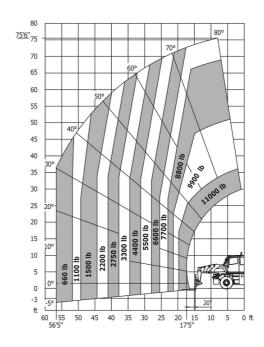
18 ft 5 in
10 ft 8 in
1 ft 2 in
11 ft 3 in
12 °
108 °
18 ft 5 in
16 ft 1 in
21 ft 4 in
19 ft 11 in
10 ft
+/- 7.40 °
1 ft 1 in

MRT 3050 Privilege Plus - Load chart

Machine on tires with forks Metric

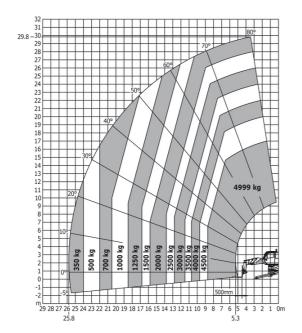


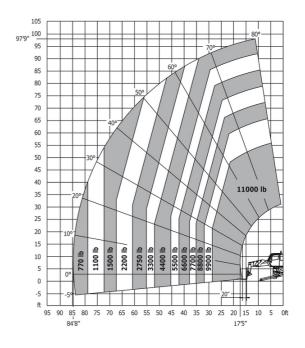
Machine on tires with forks Imperial



Machine on lowered stabilisers with forks Metric

Machine on lowered stabilisers with forks Imperial

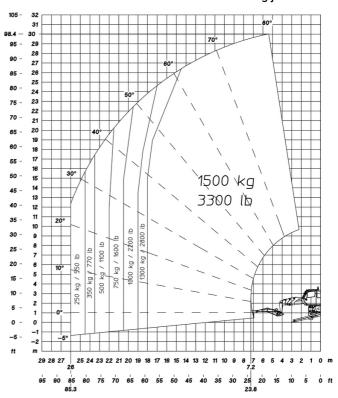




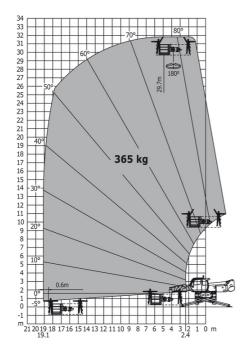
Machine on lowered stabilisers with winch 5000 kg Metric

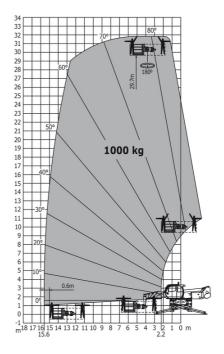
105 - 32 18.9 - 30 90 - 28 85 - 28 80 - 24 77 - 32 77 - 22 85 - 26 80 - 24 77 - 32 77 - 22 85 - 17 85 - 17 85 - 17 80 - 18 80 - 18 80 - 24 80 - 25

Machine on lowered stabilisers with 1500 kg jib Metric



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









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