



MRT 3050 PRIVILEGE PLUS

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Technical sheet:

MRT 3050 PRIVILEGE PLUS



















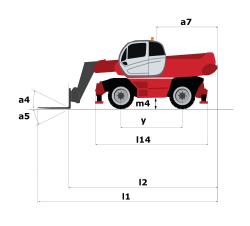


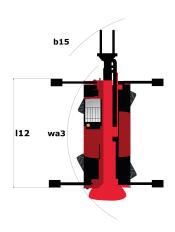


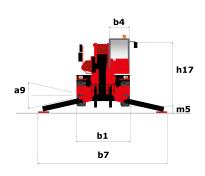
Capacities	Metric	
Max. capacity	Q 4999 kg	
Max. lifting height	h3 29.5 m	
Max. Reach	14 25.8 m	
Weight and dimensions		
Overall width	b1 2.49 m	
verall height	h17 3.05 m	
Iverall cab width	b4 0.99 m	
Outer frame turning radius	Wa3 4.9 m	
Ground clearance	m4 0.35 m	
Vheelbase		
	y 3.25 m a4 12 °	
ilt-up angle		
ilt-down angle	a5 108 °	
urret rotation	360 °	
lverall weight	21810 kg	
orks length / width / section	I / e / s 1200 mm x45 mm x 130 mm	
/heels		
yres type	Pneumatic	
tandard tyres	445/65 R22,5	
rive wheels (front / rear)	2/2	
teering mode	2 wheel steer, 4 wheel steer, Crab mo	ode
tabilisers		
tabs Type	Telescopic Duplex	
ontrols with stabs	Stabs Commands Individual or Simultar	neous
ngine		
ngine brand	Mercedes	
ngine norm	Stage IV / Tier 4 Final	
ngine model	OM 934 LA.E4-3	
C. Engine power rating / Power (kW)	176 Hp / 129 kW	
1ax. torque / Engine rotation (min) / Engine rotation	750 Nm @ 1200 rpm - 1600 rpm	
lumber of cylinders - Capacity of cylinders	4 - 5130 cm ³	
njection	engine Injection direct	
	Water	
ingine cooling system		
lumber of batteries / Battery / Batteries capacity	2 x 12 V / 120 Ah	
ransmission		
ransmission type	Hydrostatic	
lumber of gears (forward / reverse)	22	
lax. travel speed	40 km/h	
rawbar pull (Laden)	9500 daN	
arking brake	Automatic Negative Hand-brake	
ervice brake	Hydraulic	
lydraulics		
ydraulic pump type	Variable pump	
lydraulic flow	180 l/min	
ydraulic Pressure	350 Bar	
ank capacities		
ngine oil	21	
lydraulic oil	290	
uel tank	290	
iesel Exhaust fluid (AdBlue® type)	57 I	
oise and vibration		
oise at driving position (LpA)	79.7 dB(A)	
nvironmental noise (LwA)	108 dB(A)	
fibration to whole hand/arm	< 2.50 m/s ²	
loration to whole hand/arm	< 2.50 m/s²	
	0.10	
Steering wheels (front / rear)	2/2	
Controls	2 Joysticks	
afety cab homologation	ROPS - FOPS cab (level 2)	



Dimensional drawing





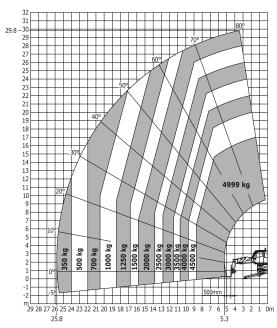


Other data
Overall length (with forks)
Length to face of forks
Length of frame
Wheelbase
Ground clearance
Counterweight offset (turret at 90°)
Tilt-up angle
Tilt-down angle
Overall length at stabilisers
Outer frame turning radius
Outer turning radius (with forks)
Overall width
Overall width with stabilisers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

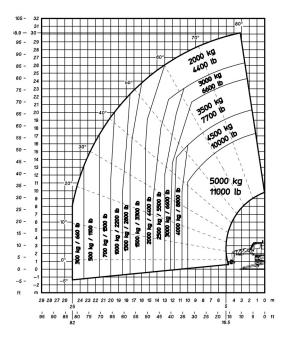
	Metric
l1	9.02 m
12	7.82 m
l14	5.62 m
у	3.25 m
m4	0.35 m
a7	3.42 m
a4	12 °
a5	108 °
l12	5.62 m
Wa3	4.9 m
b15	6.49 m
b1	2.49 m
b7	6.06 m
b4	0.99 m
h17	3.05 m
a9	+/- 7.4 °
m5	0.32 m

Load chart

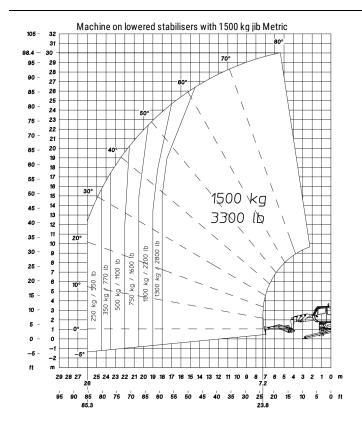




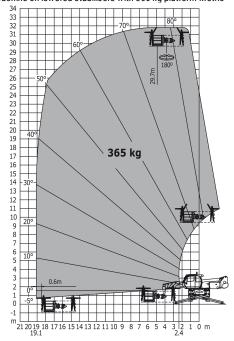
Machine on lowered stabilisers with winch 5000 kg Metric



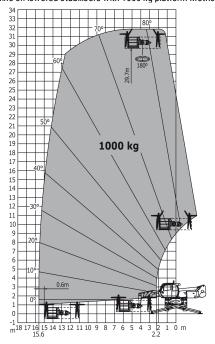




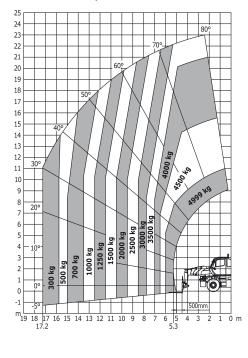
Machine on lowered stabilisers with 365 kg platform Metric



Machine on lowered stabilisers with 1000 kg platform Metric



Machine on tyres with forks Metric











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