

**MRT 3050 PRIVILEGE PLUS**

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Technical sheet :

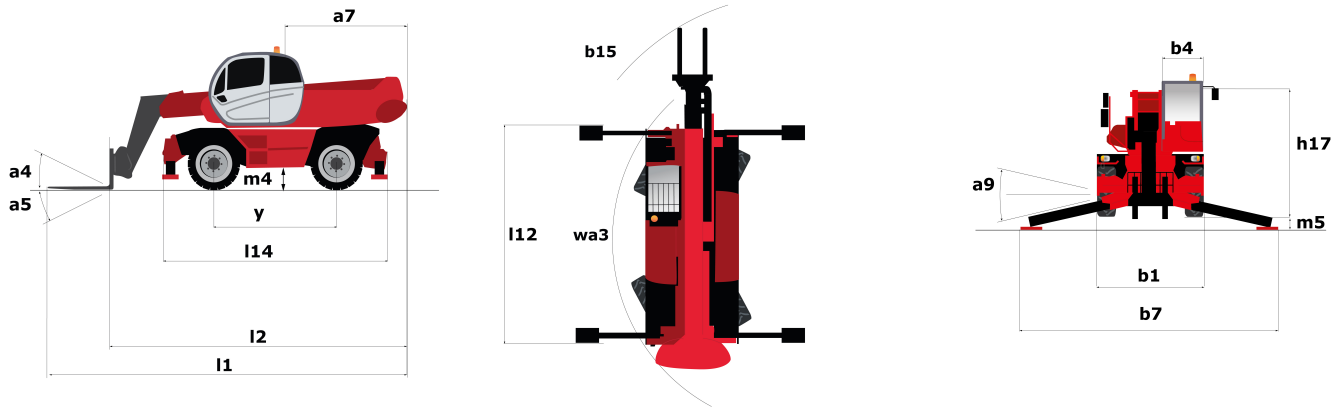
# **MRT 3050 PRIVILEGE PLUS**





Capacities		Metric
Max. capacity	Q	4999 kg
Max. lifting height	h3	29.5 m
Max. Reach	l4	25.8 m
Weight and dimensions		
Overall width	b1	2.49 m
Overall height	h17	3.05 m
Overall cab width	b4	0.99 m
Outer frame turning radius	Wa3	4.9 m
Ground clearance	m4	0.35 m
Wheelbase	y	3.25 m
Tilt-up angle	a4	12 °
Tilt-down angle	a5	108 °
Turret rotation		360 °
Overall weight		21810 kg
Forks length / width / section	l / e / s	1200 mm x45 mm x 130 mm
Wheels		
Tyres type		Pneumatic
Standard tyres		445/65 R22,5
Drive wheels (front / rear)		2 / 2
Steering mode		2 wheel steer, 4 wheel steer, Crab mode
Stabilisers		
Stabs Type		Telescopic Duplex
Controls with stabs		Stabs Commands Individual or Simultaneous
Engine		
Engine brand		Mercedes
Engine norm		Stage IV / Tier 4 Final
Engine model		OM 934 LA.E4-3
I.C. Engine power rating / Power (kW)		176 Hp / 129 kW
Max. torque / Engine rotation (min) / Engine rotation		750 Nm @ 1200 rpm - 1600 rpm
Number of cylinders - Capacity of cylinders		4 - 5130 cm³
Injection		engine Injection direct
Engine cooling system		Water
Number of batteries / Battery / Batteries capacity		2 x 12 V / 120 Ah
Transmission		
Transmission type		Hydrostatic
Number of gears (forward / reverse)		2 / 2
Max. travel speed		40 km/h
Drawbar pull (Laden)		9500 daN
Parking brake		Automatic Negative Hand-brake
Service brake		Hydraulic
Hydraulics		
Hydraulic pump type		Variable pump
Hydraulic flow		180 l/min
Hydraulic Pressure		350 Bar
Tank capacities		
Engine oil		21 l
Hydraulic oil		290 l
Fuel tank		290 l
Diesel Exhaust fluid (AdBlue® type)		57 l
Noise and vibration		
Noise at driving position (LpA)		79.7 dB(A)
Environmental noise (LwA)		108 dB(A)
Vibration to whole hand/arm		< 2.50 m/s²
Miscellaneous		
Steering wheels (front / rear)		2 / 2
Controls		2 Joysticks
Safety cab homologation		ROPS - FOPS cab (level 2)
Attachment recognition system (E-Reco)		Standard

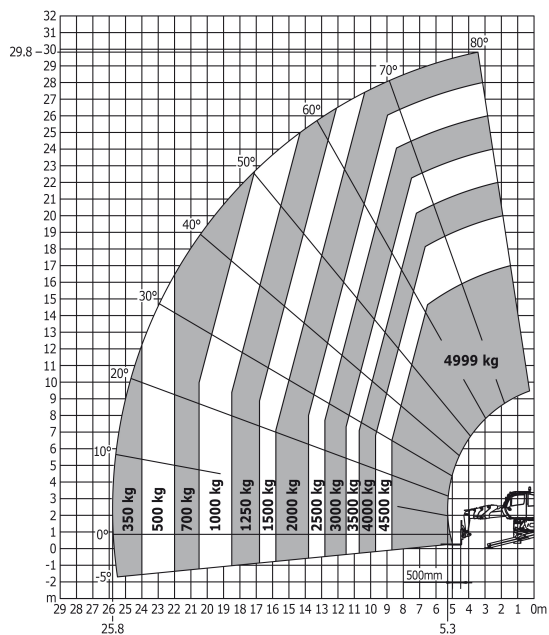
## Dimensional drawing



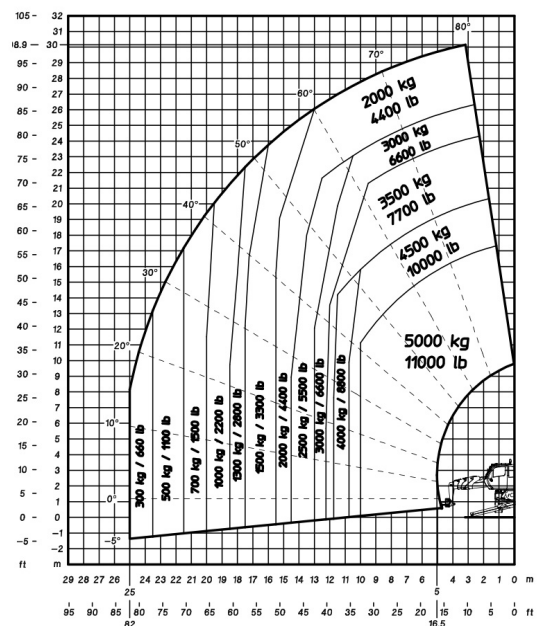
Other data		Metric
Overall length (with forks)	l1	9.02 m
Length to face of forks	l2	7.82 m
Length of frame	l14	5.62 m
Wheelbase	y	3.25 m
Ground clearance	m4	0.35 m
Counterweight offset (turret at 90°)	a7	3.42 m
Tilt-up angle	a4	12 °
Tilt-down angle	a5	108 °
Overall length at stabilisers	l12	5.62 m
Outer frame turning radius	wa3	4.9 m
Outer turning radius (with forks)	b15	6.49 m
Overall width	b1	2.49 m
Overall width with stabilisers extended	b7	6.06 m
Overall cab width	b4	0.99 m
Overall height	h17	3.05 m
Frame levelling corrector	a9	+/- 7.4 °
Ground clearance under front tires on stabilizers	m5	0.32 m

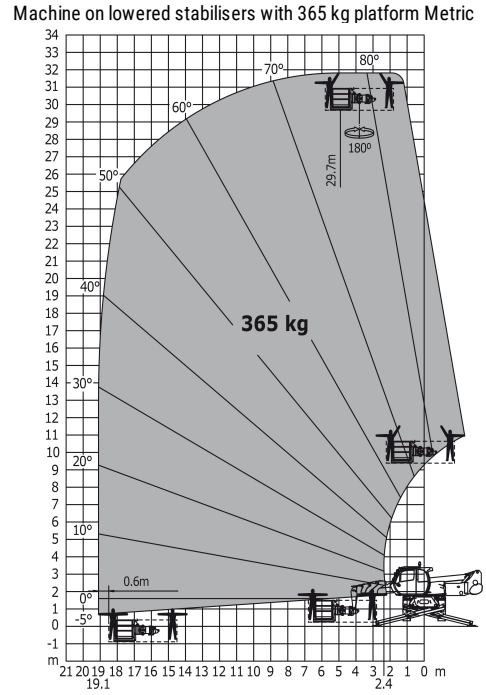
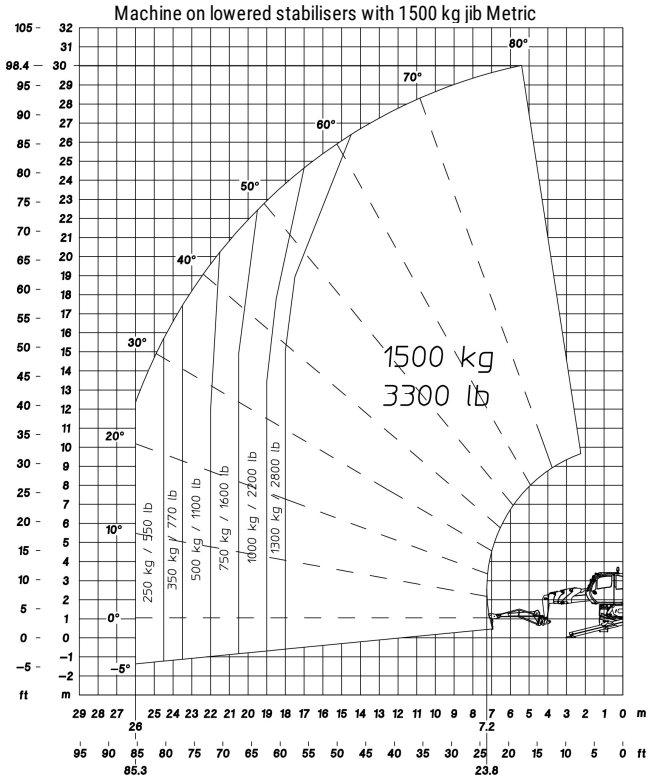
## Load chart

Machine on lowered stabilisers with forks Metric

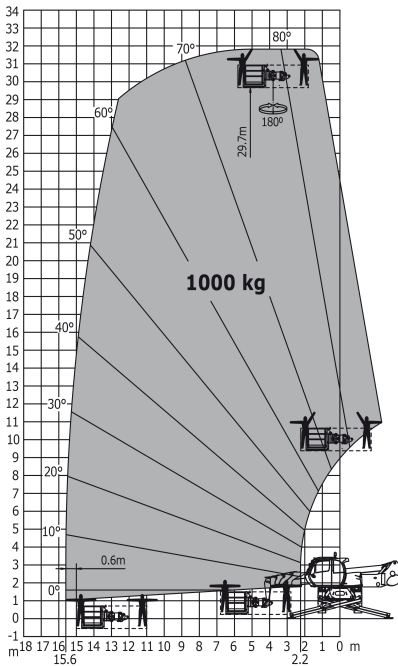


Machine on lowered stabilisers with winch 5000 kg Metric

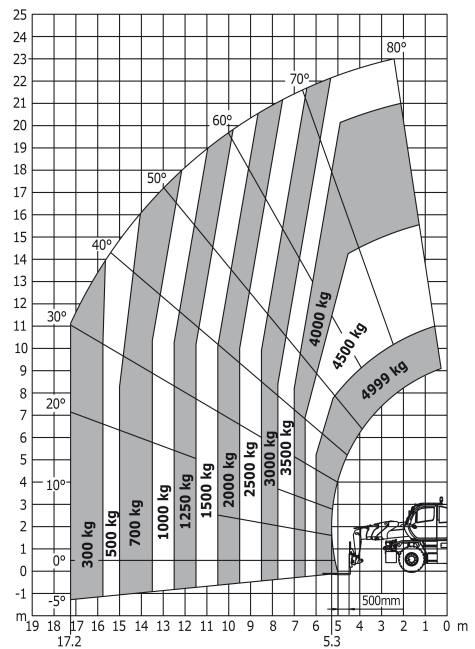




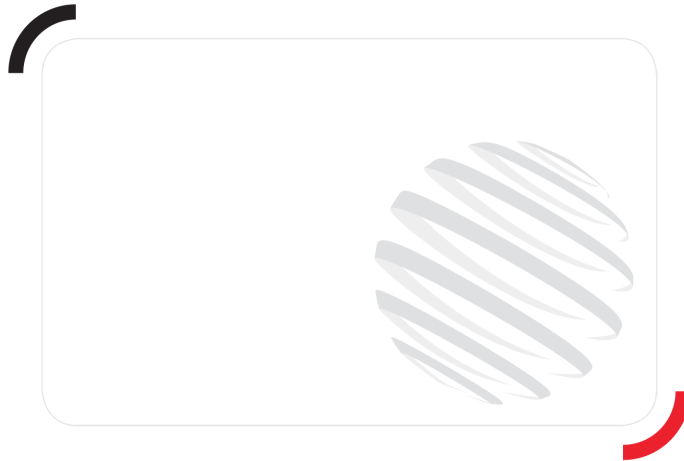
**Machine on lowered stabilisers with 1000 kg platform Metric**



**Machine on tyres with forks Metric**







Siège Social

430 rue de l'Aubinière - 44150 Ancenis Cedex - France

Tel: +33(0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97

[www.manitou.com](http://www.manitou.com)



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