Technical sheet :

MRT 3060

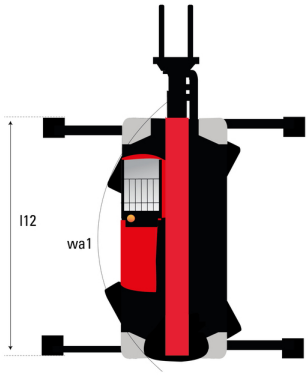
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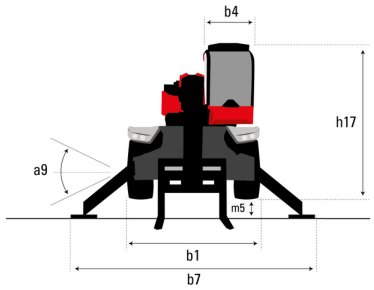


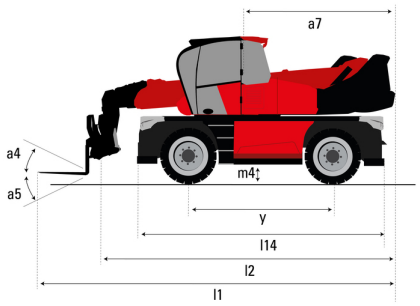
MANITOU
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Capacities		Metric
Max. capacity		6000 kg
Max. lifting height		29.90 m
Max. outreach		25.90 m
Weight and dimensions		
Overall length (with forks)	l1	9.14 m
Length to face of forks	l2	7.94 m
Overall width	b1	2.50 m
Overall height	h17	3.10 m
Overall cab width	b4	0.96 m
Ground clearance	m4	0.38 m
Wheelbase	y	3.25 m
Tilt-up angle	a4	12 °
Tilt-down angle	a5	110 °
Turret rotation (Max.)		360 °
Overall weight		21800 kg
Forks length / width / section	l / e / s	1200 mm x 100 mm x 60 mm
Wheels		
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		Yanmar
Engine norm		Stage V / Tier 4
Engine model		4TN107FTT-6SMU1
I.C. Engine power rating / Power (kW)		173 Hp / 127 kW
Max. torque / Engine rotation (min)		805 Nm @ 1500 rpm
Number of cylinders - Capacity of cylinders		4 - 4567 cm³
Electric circuit		
Number of batteries / Battery		2 x 12 V
Battery starting current		(EN)850 A
Engine/Battery		
Battery capacity		120 Ah
Transmission		
Transmission type		Hydrostatic with Speedshift
Gearbox / Number of gears (forward) / Number of gears (reverse)		Speedshift/2 / 2
Max. travel speed		40 km/h
Drawbar pull		9200 daN
Parking brake		Automatic negative parking brake
Service brake		Oil-immersed multi-discs braking on front & rear axles
Performances		
Gradeability (laden / unladen)		32.40 % / 41.40 %
Hydraulics		
Hydraulic pump type		Variable displacement pump
Hydraulic flow		185 l/min
Hydraulic Pressure		350 bar
Tank capacities		
Engine oil		13 l
Hydraulic oil		300 l
Fuel tank		320 l
Diesel Exhaust fluid (AdBlue® type)		24 l
Noise and vibration		
Noise at driving position (LpA)		67 dB
Environmental noise (LwA)		108 dB
Vibration to whole hand/arm		< 2.50 m/s²
Miscellaneous		
Steering wheels (front / rear)		2 / 2
Controls		2 Joysticks
Safety cab homologation		Cabin ROPS - FOPS Level 2
Attachment recognition system (E-Reco)		Standard

MRT 3060 - Dimensional drawing



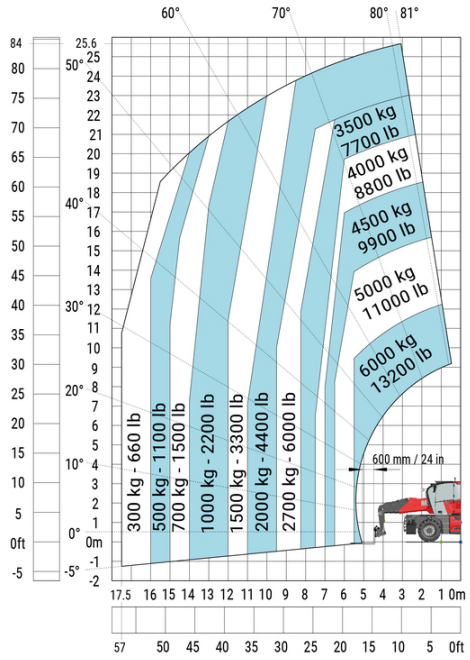




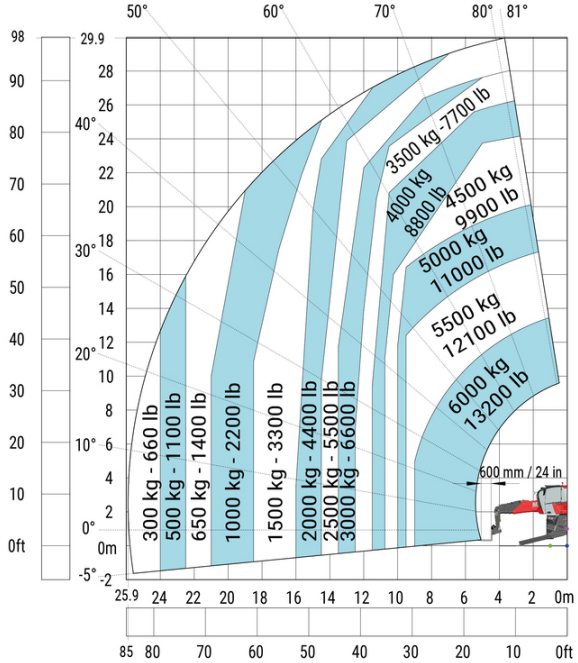
Other data		Metric
Length of frame	l14	5.92 m
Wheelbase	y	3.25 m
Ground clearance	m4	0.38 m
Counterweight offset (turret at 90°)	a7	3.45 m
Tilt-up angle	a4	12 °
Tilt-down angle	a5	110 °
Overall length at stabilisers	l12	5.62 m
External turning radius (over tyres)	Wa1	4.63 m
Overall width with stabilisers extended	b7	6.06 m
Overall height	h17	3.10 m
Frame levelling corrector	a9	+/- 7 °
Ground clearance under front tires on stabilizers	m5	0.45 m

MRT 3060 - Load chart

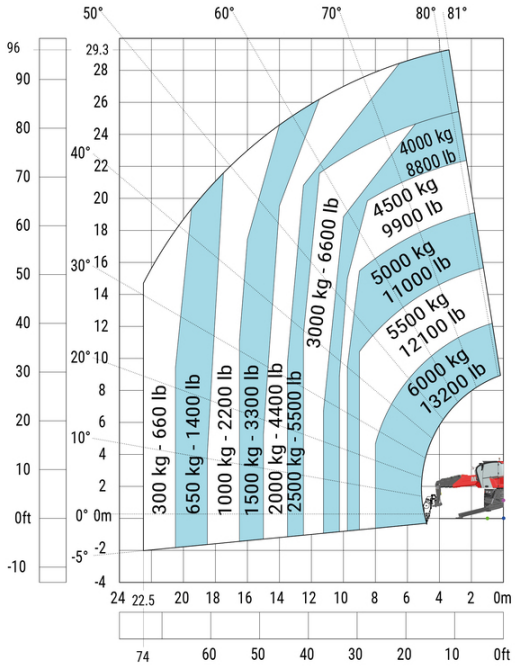
Machine on tyres with forks Metric



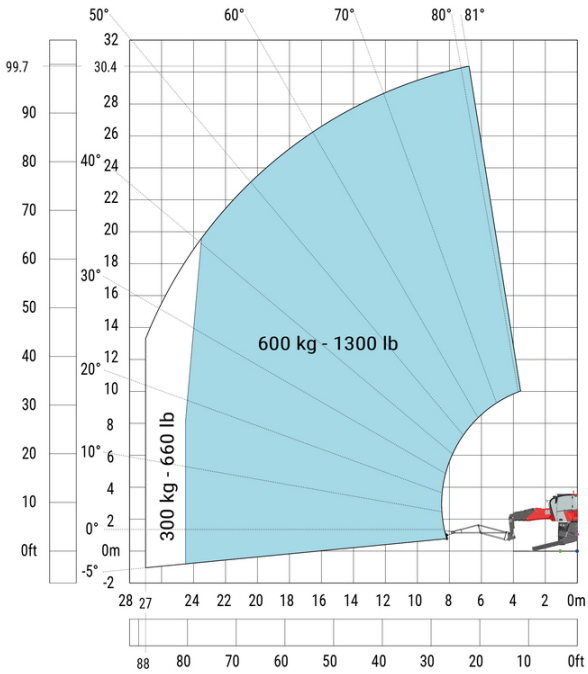
Machine on lowered stabilisers with forks (CAF) Metric



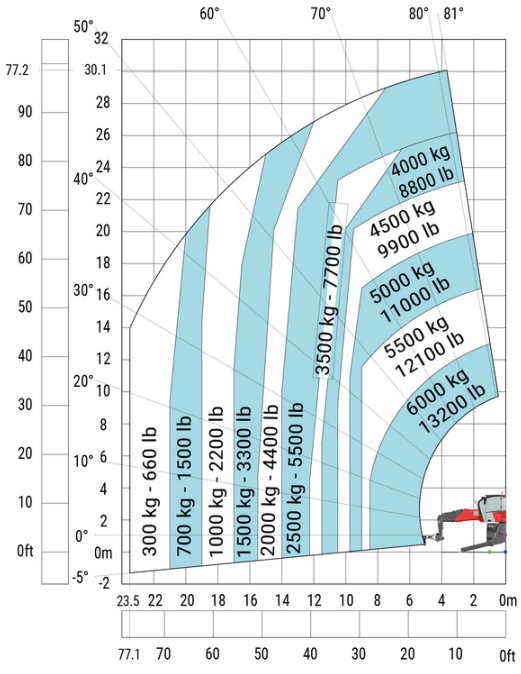
Machine on lowered stabilisers with winch 6000 kg (Metric)



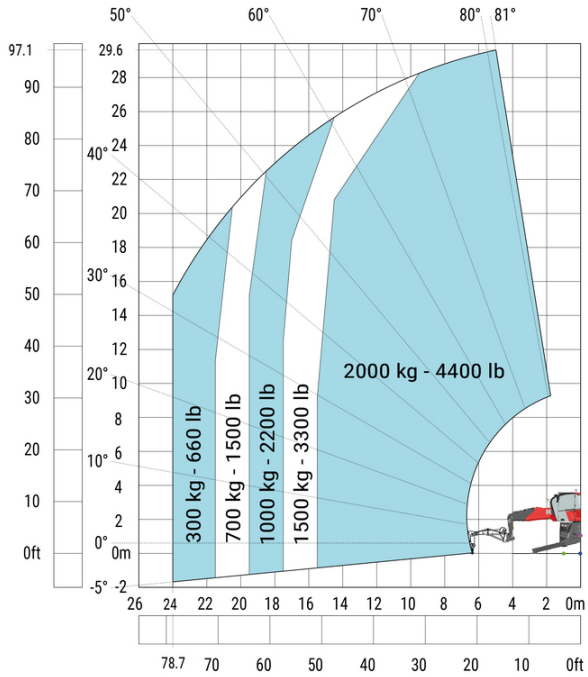
Machine on lowered stabilisers with 600 kg jib (Metric)



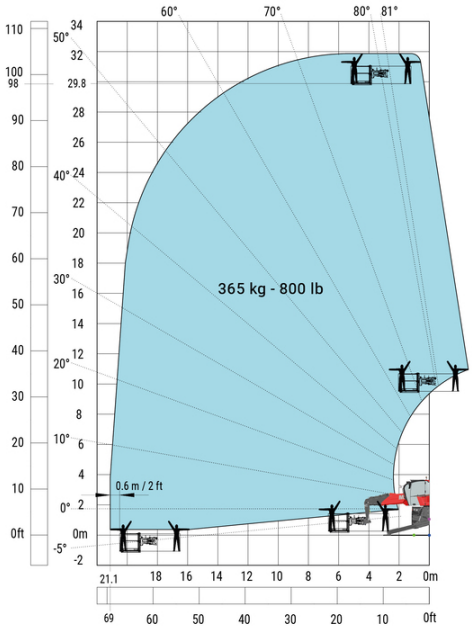
Machine on lowered stabilisers with 6000 kg jib (Metric)



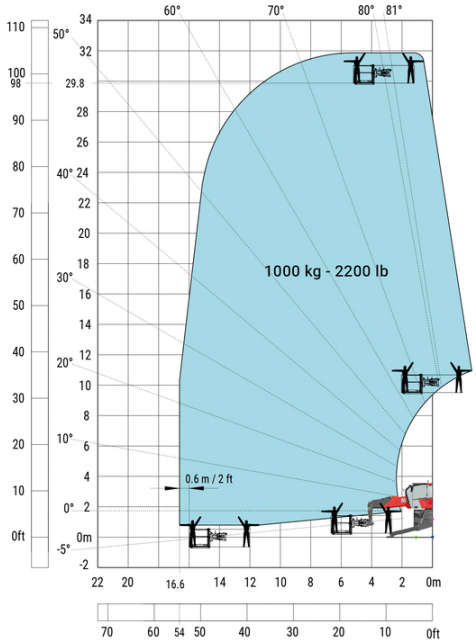
Machine on lowered stabilisers with 2000 kg jib with winch (Metric)



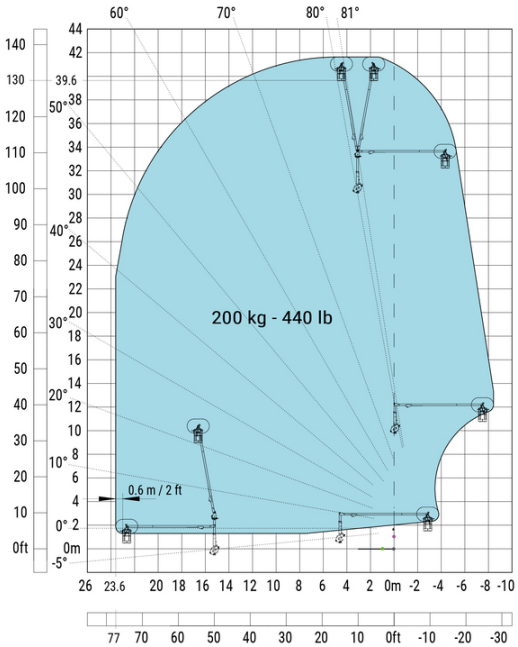
Machine on lowered stabilisers with 365 kg platform Metric



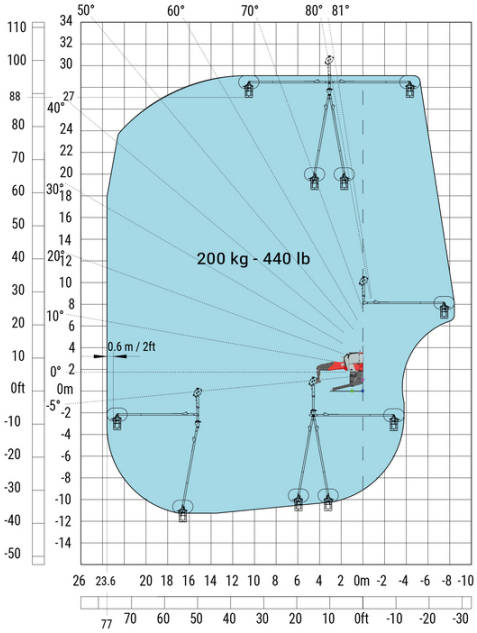
Machine on lowered stabilisers with 1000 kg platform Metric



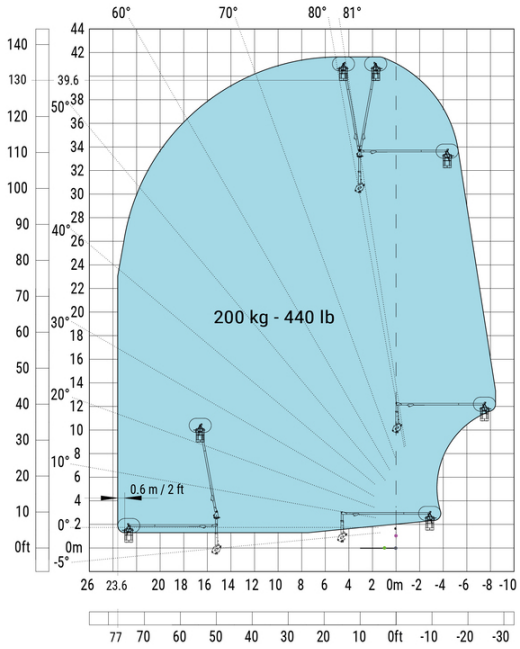
Machine on lowered stabilisers with 3D positive Metric



Machine on lowered stabilisers with 3D negative Metric



Machine on lowered stabilisers with 3D positive / negative
Metric



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