Technical sheet :

MRT 3060

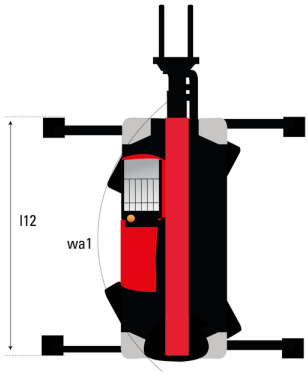
VISION +

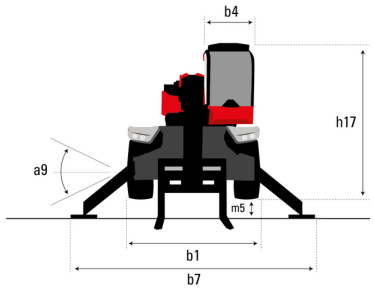


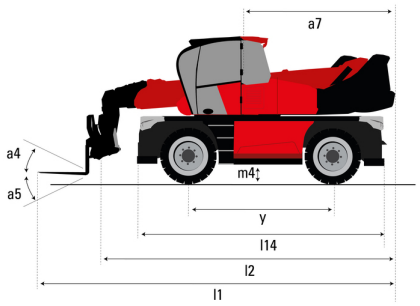
MANITOU
HANDLING YOUR WORLD

Capacities		Imperial
Max. capacity		13228 lb
Max. lifting height		98 ft 1 in
Max. outreach		85 ft
Weight and dimensions		
Overall length (with forks)	l1	30 ft
Length to face of forks	l2	26 ft 1 in
Overall width	b1	8 ft 2 in
Overall height	h17	10 ft 2 in
Overall cab width	b4	3 ft 2 in
Ground clearance	m4	1 ft 3 in
Wheelbase	y	10 ft 8 in
Tilt-up angle	a4	12 °
Tilt-down angle	a5	110 °
Turret rotation (Max.)		360 °
Overall weight		48061 lb
Forks length / width / section	l / e / s	47 in x 4 in x 2 in
Wheels		
Standard tires		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		173 Hp / 127 kW
Max. torque / Engine rotation (min)		594 ft/lbs @ 1500 rpm
Number of cylinders - Capacity of cylinders		4 - 279 in³
Electric circuit		
Number of batteries / Battery voltage		2 x 12 V
12V Battery capacity		120 Ah
Battery starting current		(EN)850 A
Transmission		
Transmission type		Hydrostatic
Gearbox / Number of gears (forward) / Number of gears (reverse)		Speedshift / 2 / 2
Max. travel speed		25 mph
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		49 US gpm
Hydraulic Pressure		5076 PSI
Tank capacities		
Engine oil		3 US gal
Hydraulic oil		79 US gal
Fuel tank		85 US gal
Diesel Exhaust fluid (AdBlue® type)		6 US gal
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		ROPS - FOPS level 2 cab
Attachment recognition system (E-Reco)		Standard

MRT 3060 - Dimensional drawing



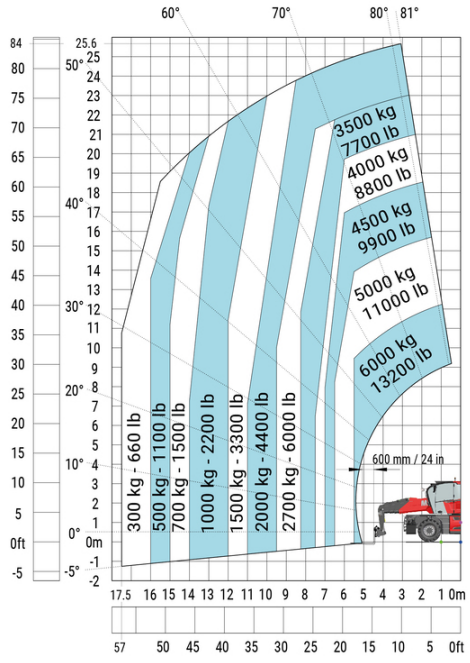




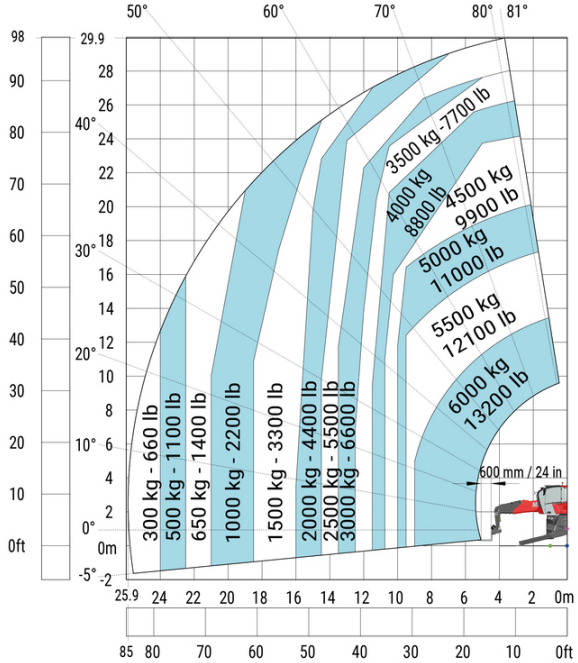
Other data		Imperial
Length of frame	l14	19 ft 5 in
Wheelbase	y	10 ft 8 in
Ground clearance	m4	1 ft 3 in
Counterweight offset (turret at 90°)	a7	11 ft 4 in
Tilt-up angle	a4	12 °
Tilt-down angle	a5	110 °
Overall length at stabilisers	l12	18 ft 5 in
External turning radius (over tyres)	Wa1	15 ft 2 in
Overall width with stabilisers extended	b7	19 ft 10 in
Overall height	h17	10 ft 2 in
Frame leveling corrector	a9	+/- 7 °
Ground clearance under front tires on stabilizers	m5	1 ft 6 in

MRT 3060 - Load chart

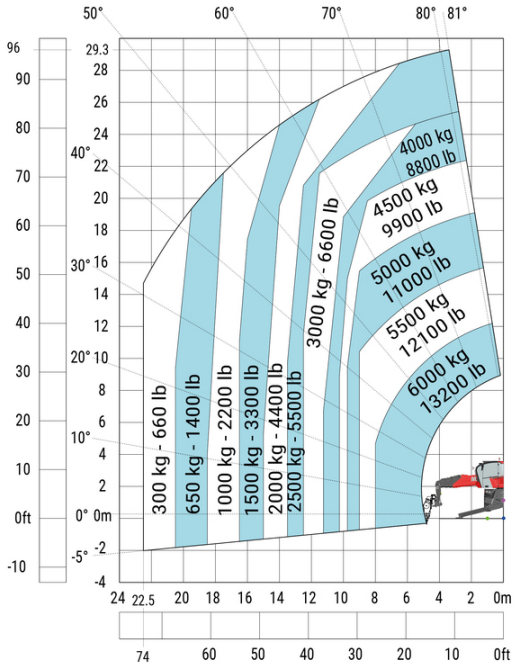
Machine on tyres with forks Imperial



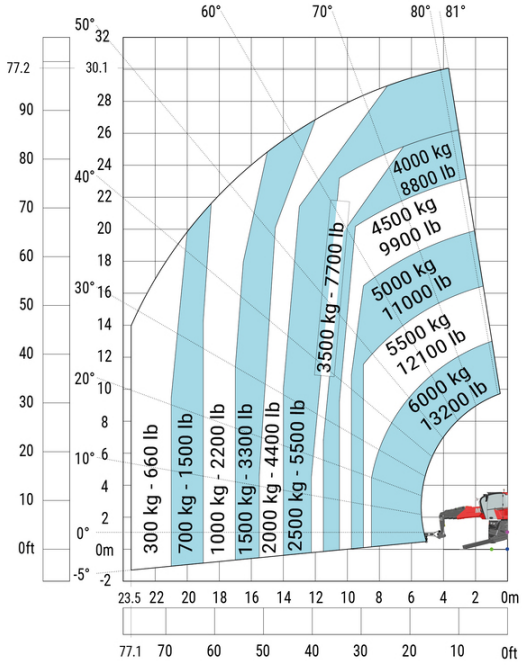
Machine on lowered stabilisers with forks (CAF) Imperial



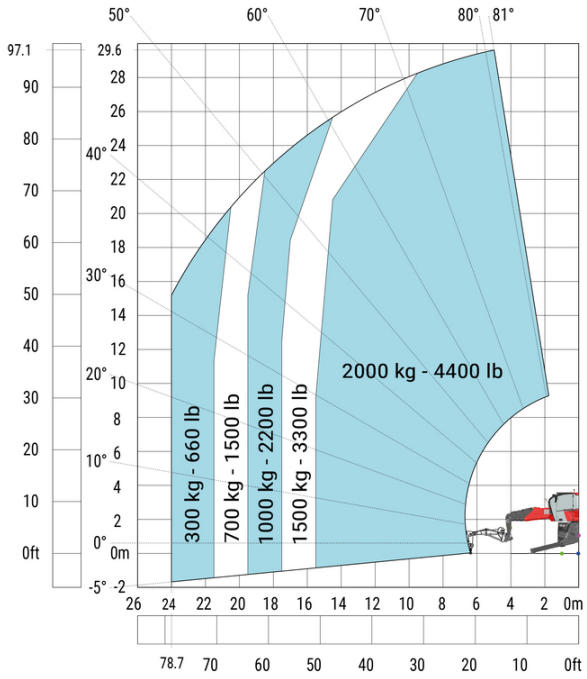
Machine on lowered stabilisers with winch 6000 kg (Imperial)



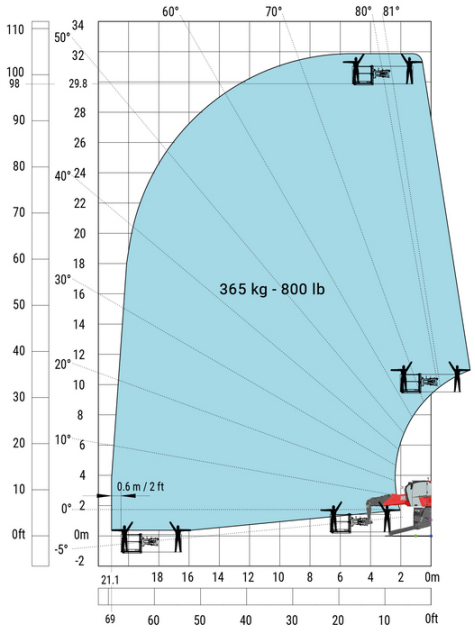
Machine on lowered stabilisers with 6000 kg jib (Imperial)



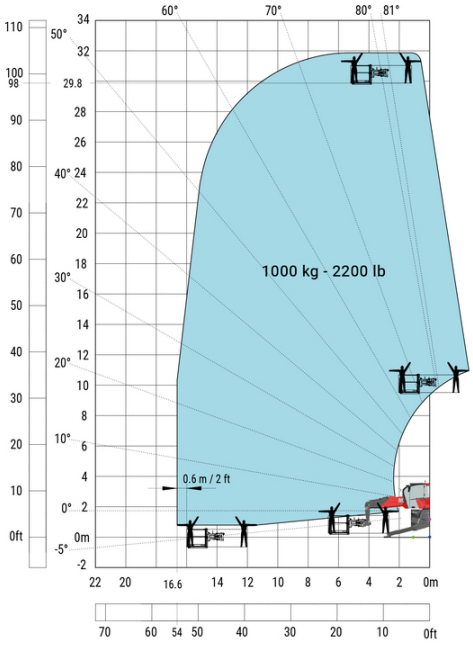
Machine on lowered stabilisers with 2000 kg jib with winch (Imperial)



Machine on lowered stabilisers with 365 kg platform Imperial



Machine on lowered stabilisers with 1000 kg platform
Imperial



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