

Technical sheet :

MRT-X 3060

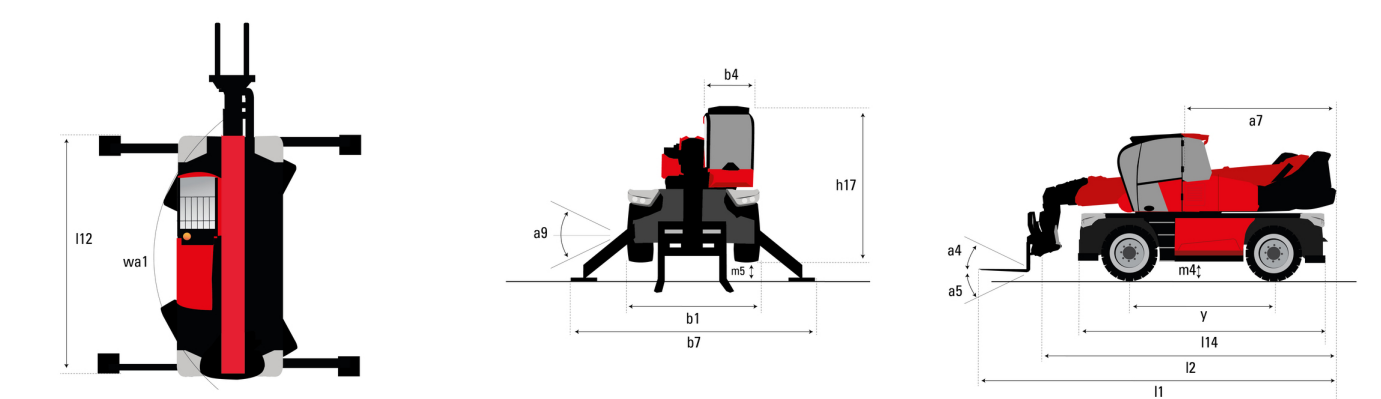
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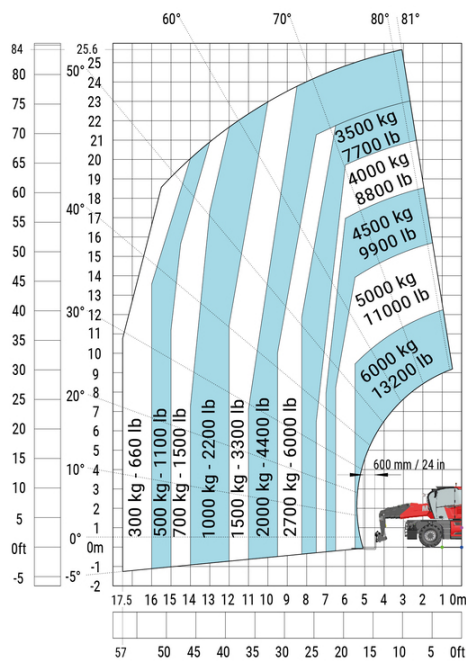
 **MANITOU**
HANDLING YOUR WORLD

Capacities		Metric
Max. capacity		6000 kg
Max. lifting height		29.90 m
Maximum 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 °
Overall weight		21800 kg
Forks length / width / section	l / e / s	1200 mm x 100 mm x 60 mm
Wheels		
Standard tires		445/65 R22,5
Drive wheels (front / rear)		2 / 2
Steering mode		2 wheel steer, 4 wheel steer, Crab mode
Stabilisers		
Stabilizers Type		Telescopic Duplex
Controls with stabs		Stabs Commands Individual or Simultaneous
Engine		
Engine brand		Yanmar
Engine norm		Stage IIIA
Engine model		4TN107FTT-6SMU1
I.C. Engine power rating / Power		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 voltage		2 x 12 V
12V Battery capacity		120 Ah
Battery starting current		(EN)850 A
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		172 l/min
Hydraulic Pressure		350 bar
Tank capacities		
Engine oil		13 l
Fuel tank		320 l
Noise and vibration		
Noise at driving position (LpA)		67 dB
Noise to environment (LwA)		108 dB
Vibration on hands/arms		< 2.50 m/s²
Miscellaneous		
Steering wheels (front / rear)		2 / 2
Controls		2 Joysticks
Cab certification		Cabin ROPS - FOPS level 2
Attachment recognition system (E-Reco)		Standard

MRT-X 3060 - Dimensional drawing



Machine on tires with forks Metric



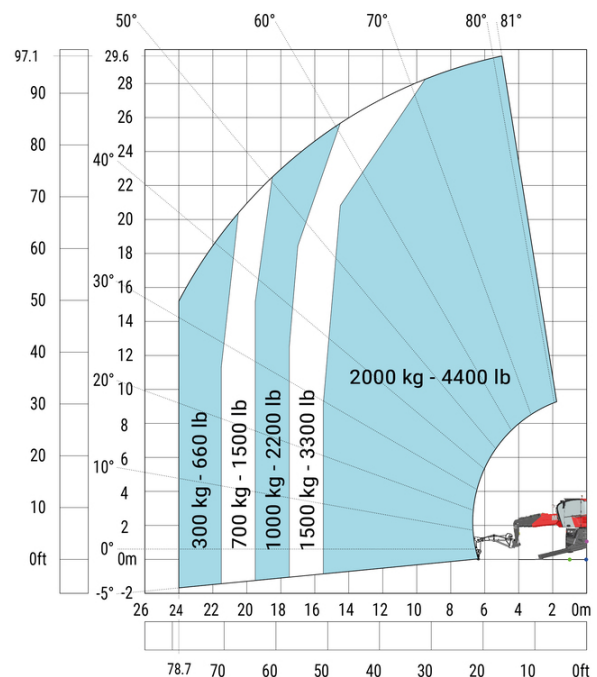
This detailed chart provides a comprehensive reference for wind speed, pressure, and weight. The vertical axis on the left shows wind speed in ft/s (0 to 25.9) and height in ft (0 to 98). The horizontal axis at the top shows wind speed in mph (50 to 81°) and pressure in psf (25.9 to 0). The horizontal axis at the bottom shows wind speed in mph (85 to 0) and pressure in psf (25.9 to 0). The chart includes curves for various weight ranges in kg and lb, and a small diagram of a person standing next to a structure.

Weight Range (kg / lb)	Wind Speed (mph) at 100 ft	Pressure (psf) at 100 ft
300 kg - 660 lb	~50	~25.9
500 kg - 1100 lb	~55	~24.0
650 kg - 1400 lb	~60	~22.2
1000 kg - 2200 lb	~65	~20.4
1500 kg - 3300 lb	~70	~18.6
2000 kg - 4400 lb	~75	~16.8
2500 kg - 5500 lb	~80	~15.0
3000 kg - 6600 lb	~85	~13.2
3500 kg - 7700 lb	~88	~11.4
4000 kg - 8800 lb	~90	~10.0
4500 kg - 9900 lb	~92	~8.6
5000 kg - 11000 lb	~94	~7.2
5500 kg - 12100 lb	~96	~5.8
6000 kg - 13200 lb	~98	~4.4

The chart displays the relationship between crane capacity, boom length, and boom angle. The vertical axis represents boom length in feet (0ft to 24ft) and meters (0m to 24m). The horizontal axis represents boom angle in degrees (0° to 90°). The chart is divided into regions representing different crane capacities, with the following weight ranges:

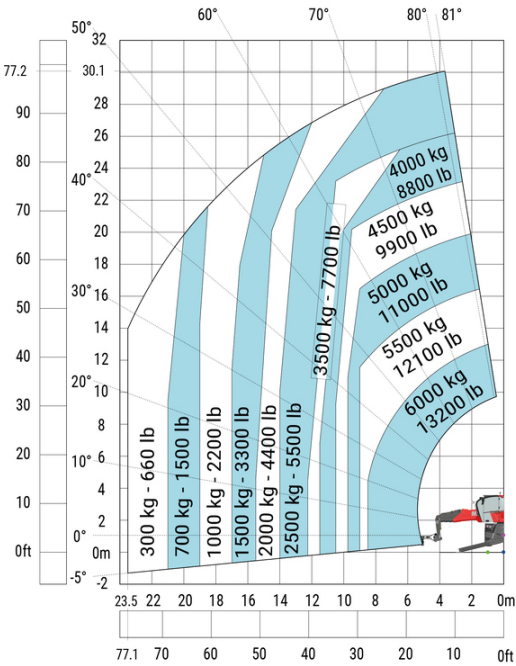
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- 4000 kg - 8800 lb
- 4500 kg - 9900 lb
- 5000 kg - 11000 lb
- 5500 kg - 12100 lb
- 6000 kg - 13200 lb

A small crane icon is shown at the bottom right, indicating the boom's position.



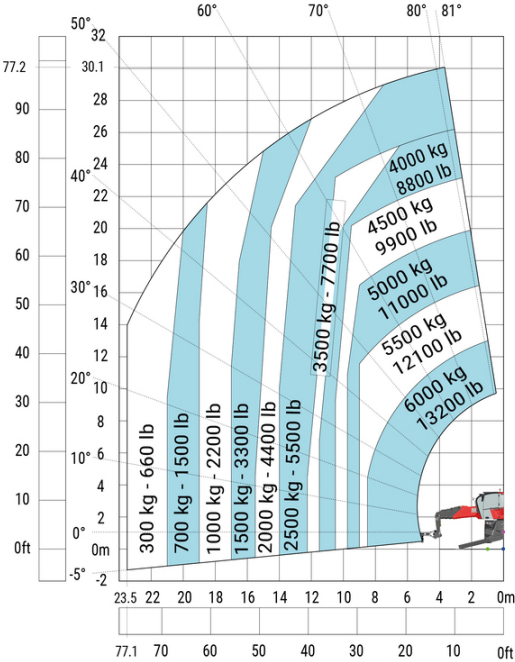
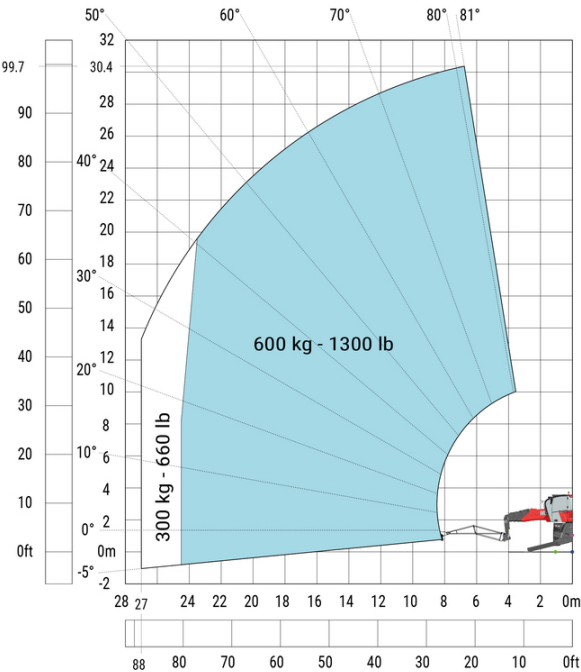
Machine on lowered stabilisers with 6000 kg jib (Metric)

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



Machine on lowered stabilisers with extensible jib with winch (Metric)

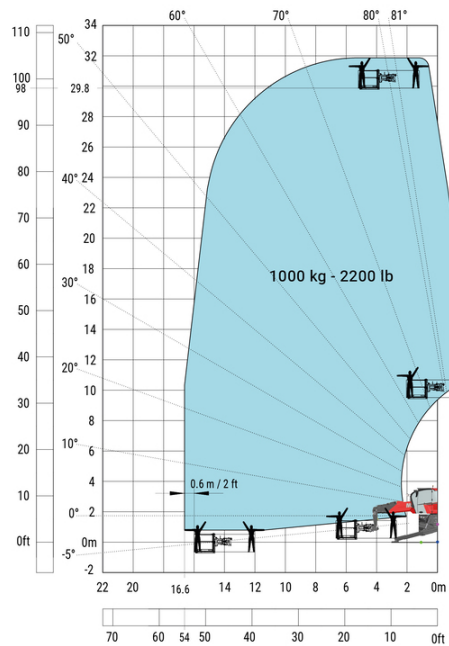
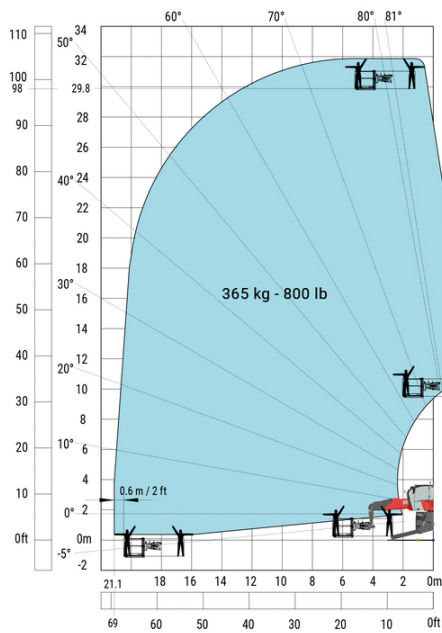
Machine on lowered stabilisers with hook 6000 kg (Metric)



Machine on lowered stabilisers with 365 kg platform

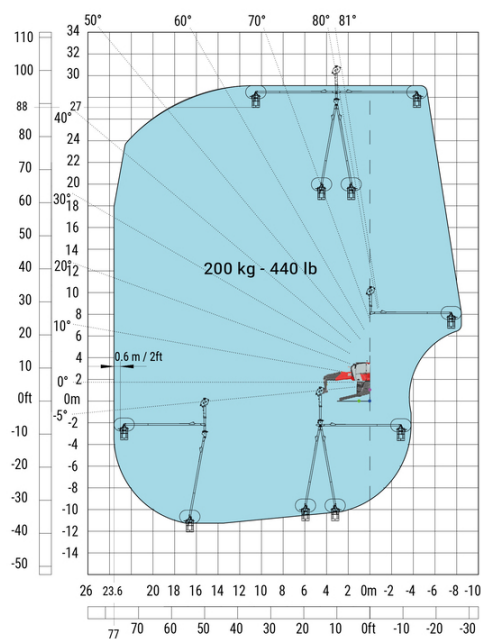
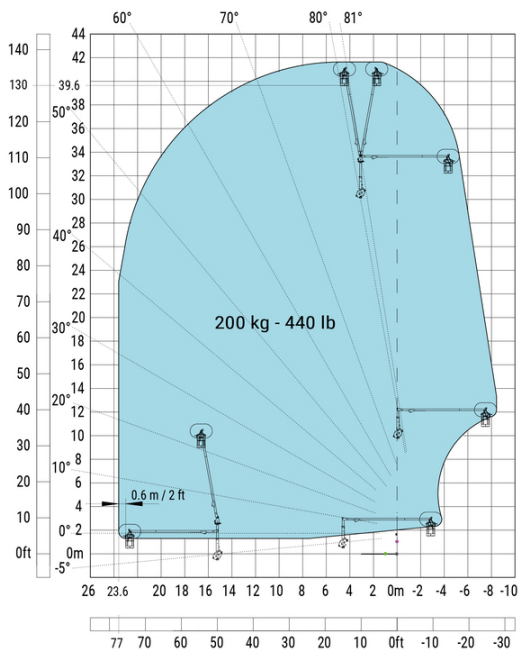
Metric Machine on lowered stabilisers with 1000 kg platform

Metric



Machine on lowered stabilisers with 3D positive Metric

Machine on lowered stabilisers with 3D negative Metric





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