

Technical sheet :

MRT 4080

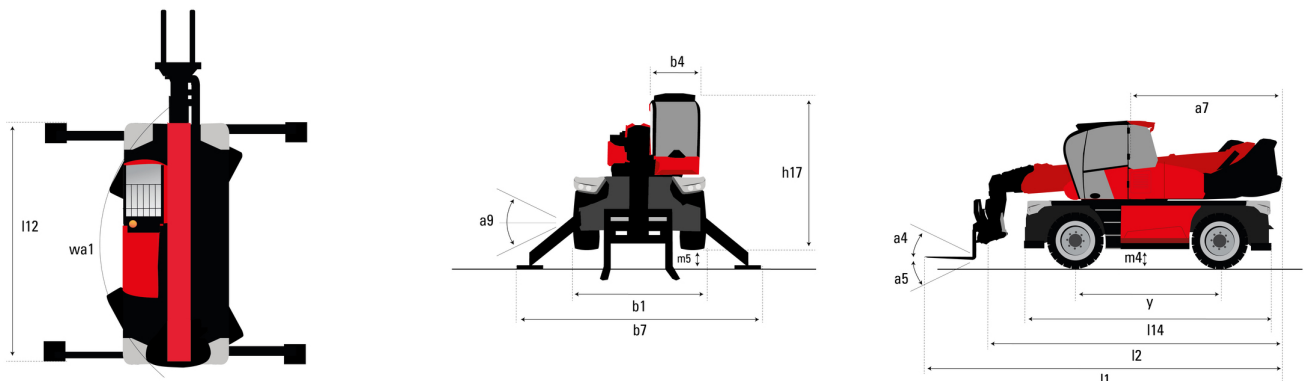
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 **MANITOU**
HANDLING YOUR WORLD

Capacities		Metric
Max. capacity	Q	8000 kg
Max. lifting height		40 m
Max. outreach		27 m
Weight and dimensions		
Overall length (with forks)	l1	10.78 m
Length to face of forks	l2	9.58 m
Overall width	b1	2.51 m
Overall height	h17	3.27 m
Overall cab width	b4	0.96 m
External turning radius (over tyres)	Wa1	5.06 m
Ground clearance	m4	0.44 m
Wheelbase	y	3.75 m
Tilt-up angle	a4	13 °
Tilt-down angle	a5	108 °
Turret rotation		360 °
Overall weight		27900 kg
Forks length / width / section	l / e / s	1200 mm x 100 mm x 70 mm
Wheels		
Standard tires		ASCENSO - WL8550 - 17.5-25
Drive wheels (front / rear)		2 / 2
Steering mode		2 wheel steer, 4 wheel steer, Crab mode
Stabilisers		
Stabilizers Type		Telescopic Triplex
Controls for stabs		Stabs Commands Individual or Simultaneous
Engine		
Engine brand		Yanmar
Engine norm		Stage V, Tier 4
Engine model		4TN107FTT-6SMU2
Engine power (Hp / kW)		211 Hp / 155 kW
Max. torque / Engine rotation (min)		805 Nm @ 1500 rpm
Number of cylinders - Capacity of cylinders		4 - 4567 cm³
Engine cooling system		Water cooled
Electric circuit		
Number of batteries / Battery voltage		2 x 12 V
12V Battery capacity		180 Ah
Battery starting current		(EN) 1200 A
Transmission		
Transmission type		Hydrostatic with CVT
Max. travel speed		37 km/h
Parking brake		Automatic negative parking brake
Service brake		Oil-immersed multi-discs braking on front & rear axles
Hydraulics		
Hydraulic pump type		Variable displacement pump
Hydraulic flow		172 l/min
Hydraulic Pressure		350 bar
Tank capacities		
Engine oil		13 l
Fuel tank capacity		320 l
Diesel Exhaust fluid (AdBlue® type) tank capacity		24 l
Miscellaneous		
Steering wheels (front / rear)		2 / 2
Controls		2 Joysticks
Cab certification		Cabin ROPS - FOPS level 2
Attachment recognition system (E-Reco)		Standard

MRT 4080 - Dimensional drawing



Other data		Metric
Length of frame	l14	6.80 m
Counterweight offset (turret at 90°)	a7	3.90 m
Overall length at stabilisers	l12	6.50 m
Overall width with stabilisers extended	b7	7.42 m
Frame leveling corrector	a9	+/- 8 °
Ground clearance under front tires on stabilizers	m5	0.40 m

Equipment

Standard
Attachment recognition system - E-reco
Automatic levelling of the outriggers
Automatic parking brake
Easy step
Rear camera with cab display screen
Roof guard
Work platform pre-fitting and remote control

Optional
Bi-energy system
Boom suspension "Active CRC"
Easy link
Heater and automatic air conditioning
HighView camera on boom head (telescopic part)
LED front right and left working lights (x2)
LED rear right and left working lights (x2)
LED work lights - On boom head (Telescopic part)
Stop and Start



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