
Technical sheet :

MRT 4080

VISION +



Capacities		Imperial	Metric
Max. capacity	Q	17,600 lb	8000 kg
Max. lifting height		131 ft 3 in	40 m
Max. outreach		88 ft 7 in	27 m
Weight and dimensions			
Overall length (with forks)	l1	35 ft 4 in	10.78 m
Length to face of forks	l2	31 ft 5 in	9.58 m
Overall width	b1	8 ft 3 in	2.51 m
Overall height	h17	10 ft 9 in	3.27 m
Overall cab width	b4	3 ft 2 in	0.96 m
External turning radius (over tires)	Wa1	16 ft 7 in	5.06 m
Ground clearance	m4	1 ft 5 in	0.44 m
Wheelbase	y	12 ft 4 in	3.75 m
Tilt-up angle	a4	13 °	13 °
Tilt-down angle	a5	108 °	108 °
Turret rotation		360 °	360 °
Overall weight		61,289 lb	27800 kg
Forks length / width / section	l / e / s	47 in x 4 in x 3 in	1200 x 100 x 70 mm
Wheels			
Standard tires		ASCENSO - WLB550 - 17.5-25	
Drive wheels (front / rear)		2 / 2	
Steering mode		2 wheel steer, 4 wheel steer, Crab mode	
Stabilizers			
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 / @ 1500 rpm (min)		594 ft/lbs	805 Nm
Number of cylinders - Capacity of cylinders		4 - 279 in³	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		23 mph	37 km/h
Parking brake		Automatic negative parking brake	
Service brake		Oil-immersed multi-discs braking front & rear axles	
Hydraulics			
Hydraulic pump type		Variable displacement pump	
Hydraulic flow		45 US gpm	172 l/min
Hydraulic Pressure		5076 PSI	350 bar
Tank capacities			
Engine oil		3 US gal	13 l
Fuel tank capacity		85 US gal	320 l
Diesel Exhaust fluid (DEF) tank capacity		6 US gal	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	

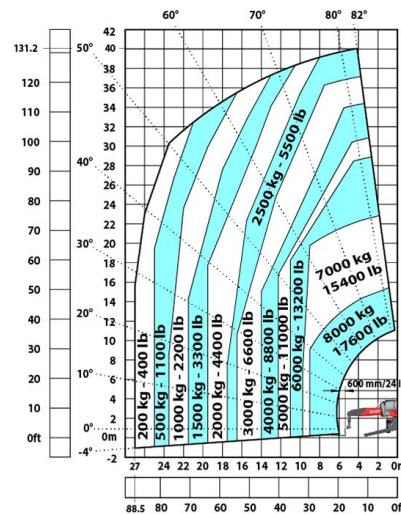
Standard
Air suspension cloth seat -
Electrically operated tilting - GRAMMER
Attachment recognition system - E-reco
Automatic levelling of the outriggers
Cab work lights 2 Forward and 2 Reverse
Easy link
Heater and automatic air conditioning
Manitou Safety System (MSS) - Load Indicating and Limiting Device
Stop and Start

Optional
Cold weather hydraulic oil - T32
CRC boom suspension
Electrical to boom tip
Radio - Bluetooth USB
Remote Control Drive
Stabilizer Pads, Set of 4 - 800x800
Windshield Guard
Wind Speed Anemometer

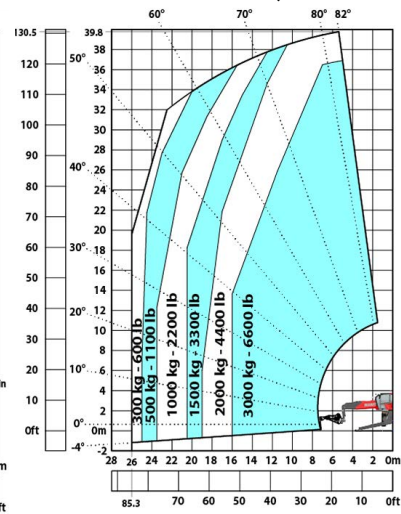
Other data	Imperial	Metric
Length of frame	l14	22 ft 4 in
Counterweight offset (turret at 90°)	a7	12 ft 10 in
Overall length at stabilizers	l12	21 ft 4 in
Overall width with stabilizers extended	b7	24 ft 4 in
Frame leveling corrector	a9	+/- 8 °
Ground clearance under front tires on stabilizers	m5	1 ft 4 in

Load charts based on 24" load center per ANSI/ITSDF B56.6

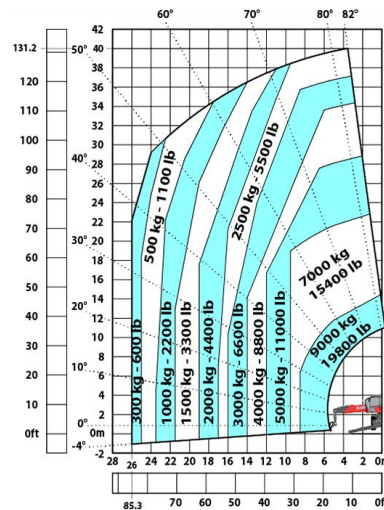
MRT on stabilizers with Forks



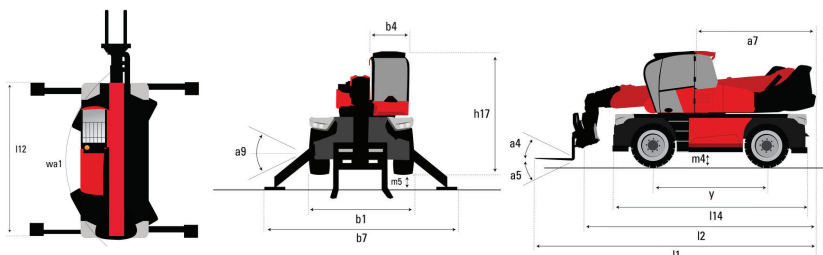
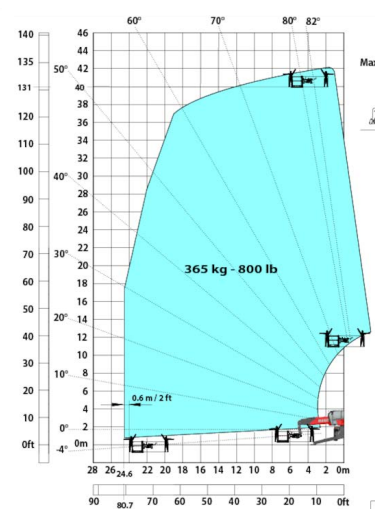
MRT on stabilizers with 6,600 lb Jib



MRT on stabilizers with 19,800 lb Hook



MRT on stabilizers with 800 lb Platform



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