

MANITOU MRT 2660

6 TONNE / 26 M CLASS ROTATING TELEHANDLER



Representative Manitou model image

CAPACITY AT A GLANCE

6,000 kg

maximum rated capacity - configuration dependent

25.90 m

maximum lifting height

6,000

MAX. CAPACITY
kg rated load

25.90

MAXIMUM LIFT
m lifting height

21.70

MAX. OUTREACH
m horizontal reach

18,000

OVERALL WEIGHT
kg - source specification

CAPACITY AND REACH

Maximum rated capacity	6,000 kg
Maximum lift height	25.90 m
Maximum outreach	21.70 m
Capacity at max. reach	Refer to load chart
Capacity at max. height	Refer to load chart
Load chart / configuration	See supporting pages
Weight	18,000 kg

DIMENSIONS

Length to fork face	8.08 m
Overall width	2.50 m
Overall height	3.10 m
Wheelbase	3.05 m
Ground clearance	0.38 m
Turning radius - over tyres	4.46 m
Width - stabilisers extended	5.79 m

ENGINE AND DRIVELINE

Engine brand	Yanmar
Engine model	4TN107FHT-6SMU1
Emission standard	Stage V / Tier 4
Engine power	156 hp / 115 kW
Torque	602 Nm @ 1,500 rpm
Transmission	Hydrostatic / Speedshift
Gears - forward / reverse	2 / 2

PERFORMANCE AND HYDRAULICS

Maximum travel speed	40 km/h
Turret rotation	360°
Hydraulic flow / pressure	172 L/min / 350 bar
Drawbar pull	8,600 daN
Fuel tank	270 L
AdBlue tank	24 L
Stabilisers	Telescopic duplex



CAPACITY AND CONFIGURATION NOTE

Maximum capacity, lift height and outreach are separate limits. Use the load chart for the fitted attachment and operating configuration.

Source: supplied Manitou technical sheet. Fitted data plate and applicable load chart govern capacity.

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MANUFACTURER SPECIFICATIONS / CONFIGURATION REFERENCE

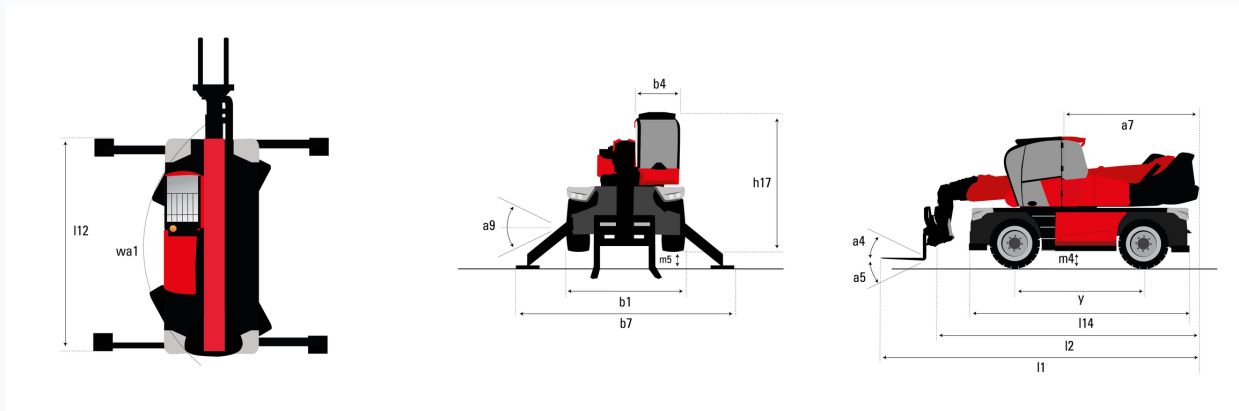
Capacities		Metric
Max. capacity		6000 kg
Max. lifting height		25.90 m
Maximum outreach		21.70 m
Weight and dimensions		
Overall length (with forks)	l1	9.28 m
Length to face of forks	l2	8.08 m
Overall width	b1	2.50 m
Overall height	h17	3.10 m
Overall cab width	b4	0.96 m
Ground clearance	m4	0.38 m
Wheelbase	y	3.05 m
Tilt-up angle	a4	12 °
Tilt-down angle	a5	110 °
Turret rotation		360 °
Overall weight		18000 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 V, Tier 4
Engine model		4TN107FHT-6SMU1
I.C. Engine power rating / Power		156 Hp / 115 kW
Max. torque / Engine rotation (min)		602 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		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		40 km/h
Drawbar pull		8600 daN
Parking brake		Automatic negative parking brake
Service brake		Oil-immersed multi-discs braking on front & rear axles
Performances		
Gradeability (laden / unladen)		40.40 % / 45.50 %
Hydraulics		
Hydraulic pump type		Variable displacement pump
Hydraulic flow		172 l/min
Hydraulic Pressure		350 bar
Tank capacities		
Engine oil		13 l
Fuel tank		270 l
Diesel Exhaust fluid (AdBlue® type)		24 l
Noise and vibration		
Noise at driving position (LpA)		68 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

Manufacturer options and charts are reproduced for reference. Confirm the fitted configuration, tyres and attachment.

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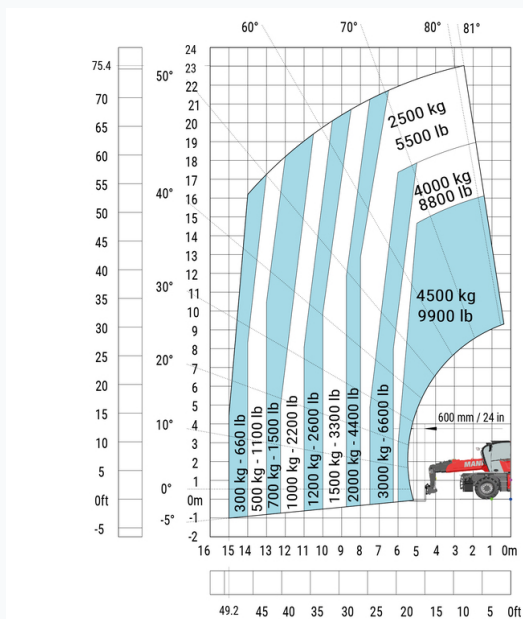
MRT 2660 - Dimensional drawing



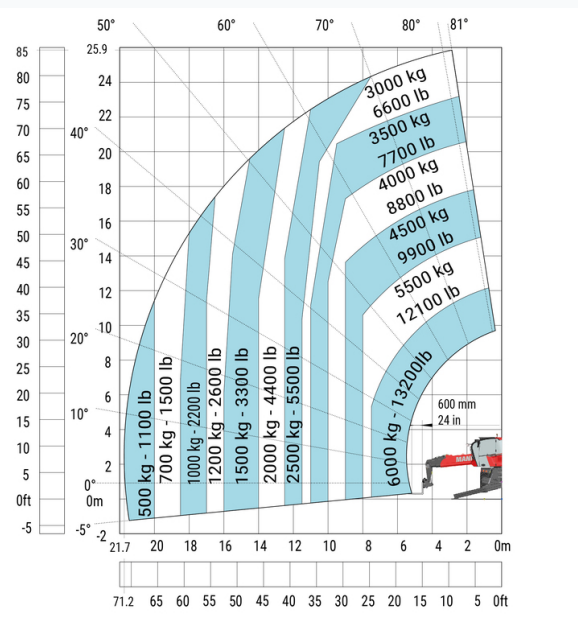
Other data		Metric
Length of frame	l14	5.69 m
Wheelbase	y	3.05 m
Ground clearance	m4	0.38 m
Counterweight offset (turret at 90°)	a7	3.37 m
Tilt-up angle	a4	12 °
Tilt-down angle	a5	110 °
Overall length at stabilisers	l12	5.30 m
External turning radius (over tyres)	Wa1	4.46 m
Overall width with stabilisers extended	b7	5.79 m
Overall height	h17	3.10 m
Frame leveling corrector	a9	+/- 7 °
Ground clearance under front tires on stabilizers	m5	0.38 m

MRT 2660 - Load chart

Machine on tires with forks Metric



Machine on lowered stabilisers with forks (CAF) Metric

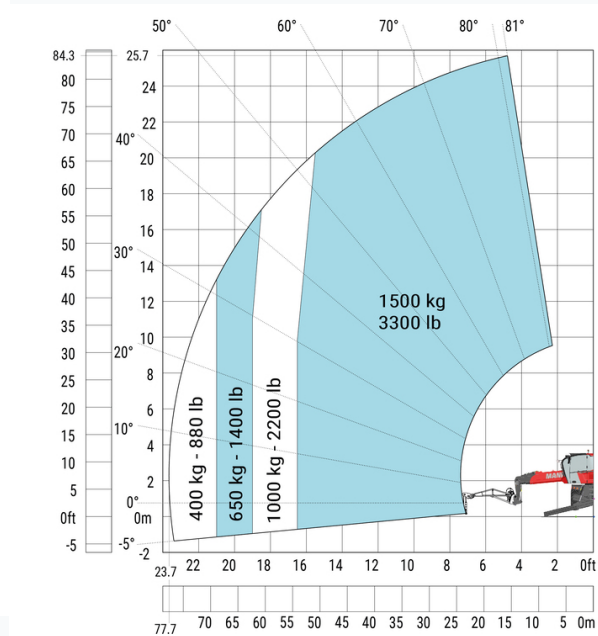
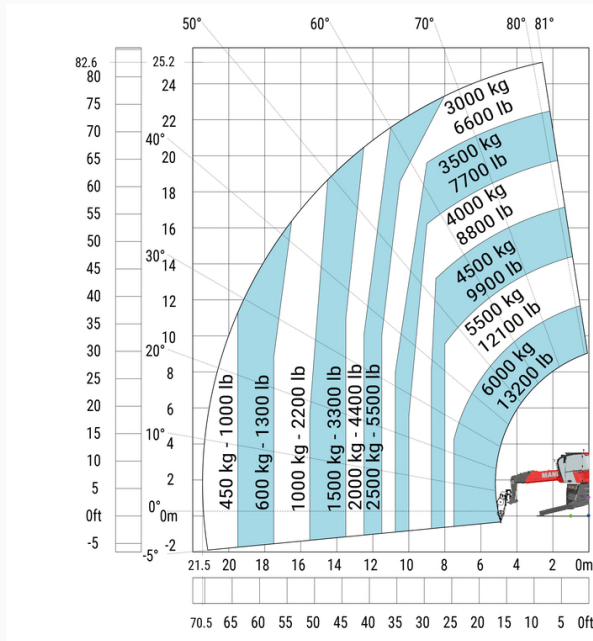


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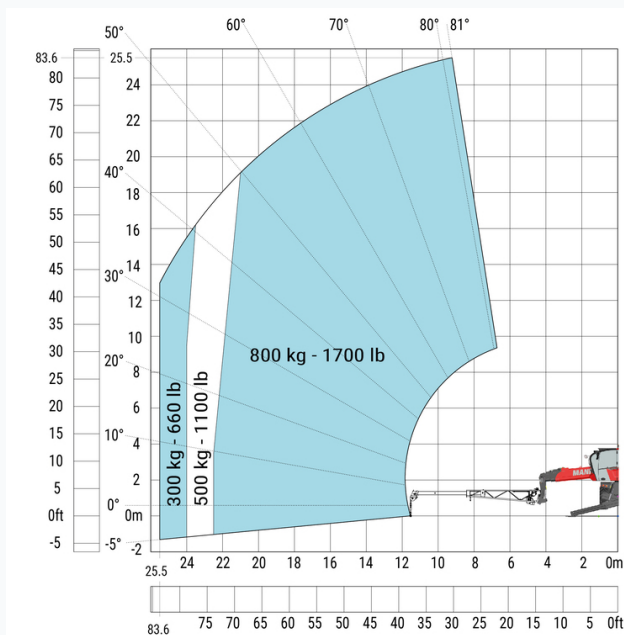
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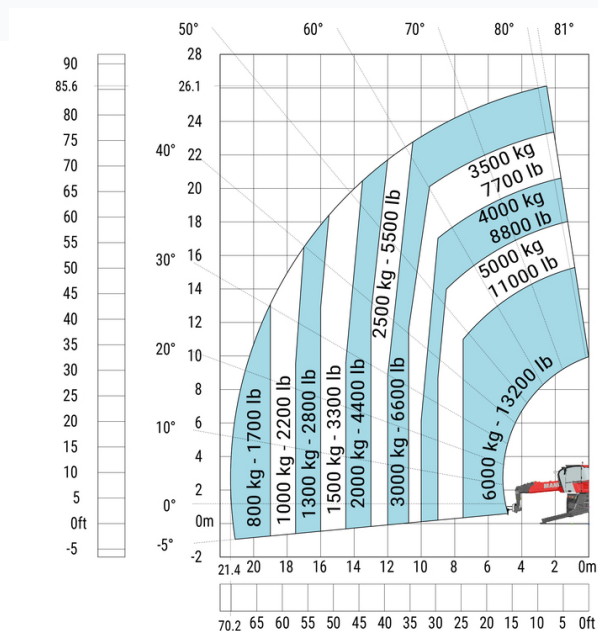
Machine on lowered stabilisers with winch 6000 kg (Metric) Machine on lowered stabilisers with 1500 kg jib with winch (Metric)



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



Machine on lowered stabilisers with hook 6000 kg (Metric)

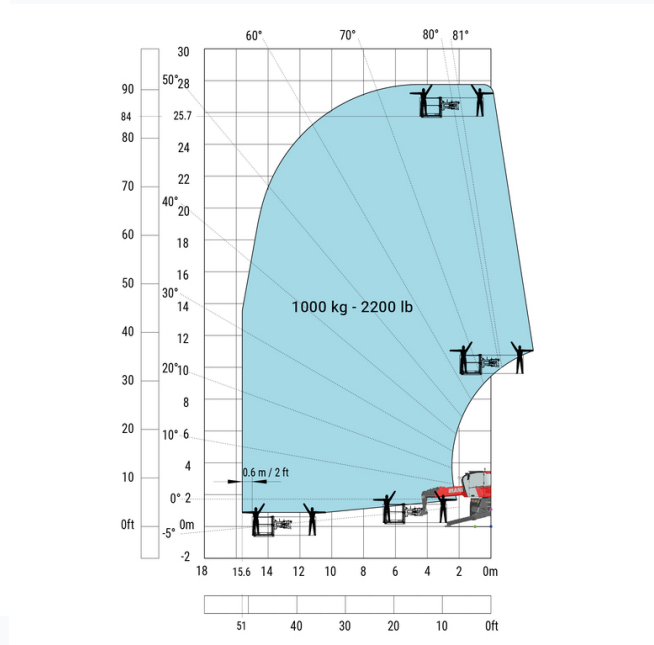
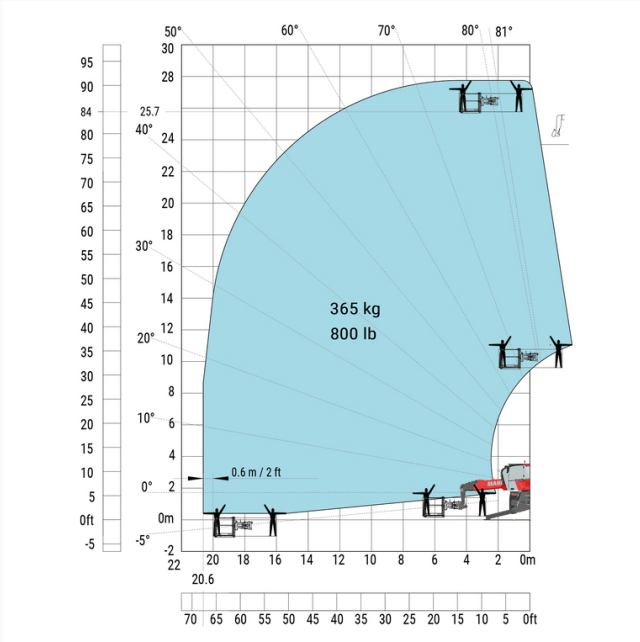


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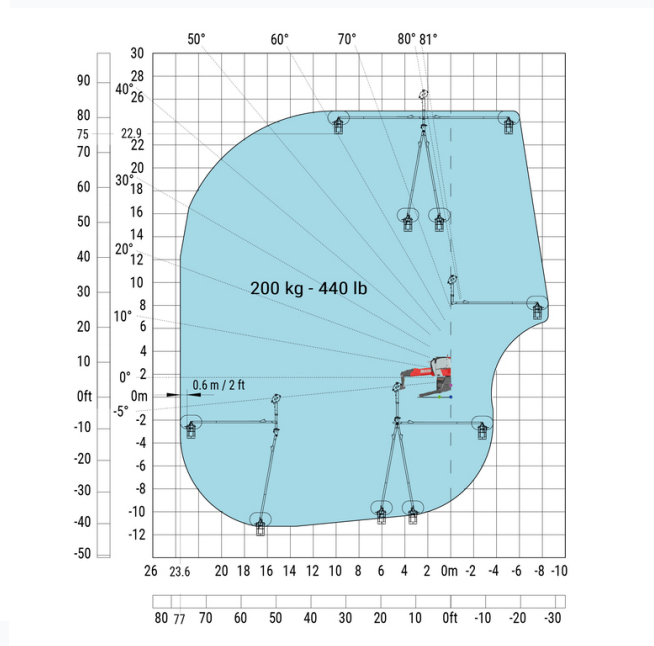
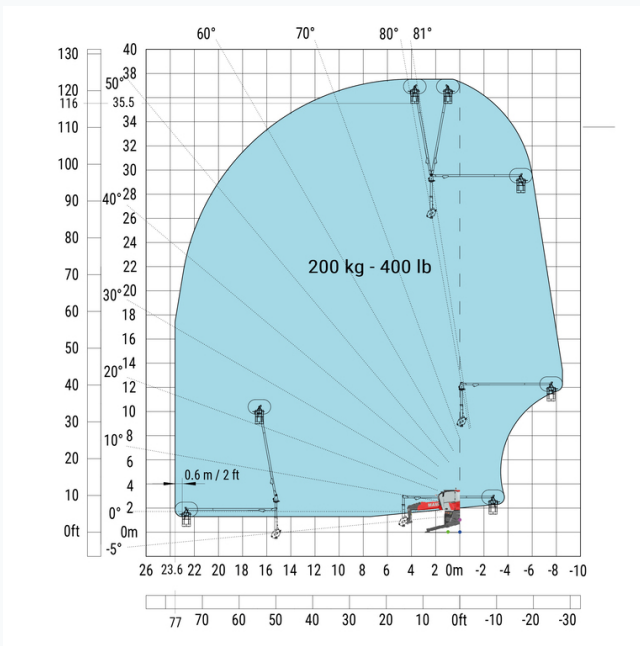
MANUFACTURER SPECIFICATIONS / CONFIGURATION REFERENCE

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 positive / negative Metric



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