

Technical sheet :

MRT 2660 E

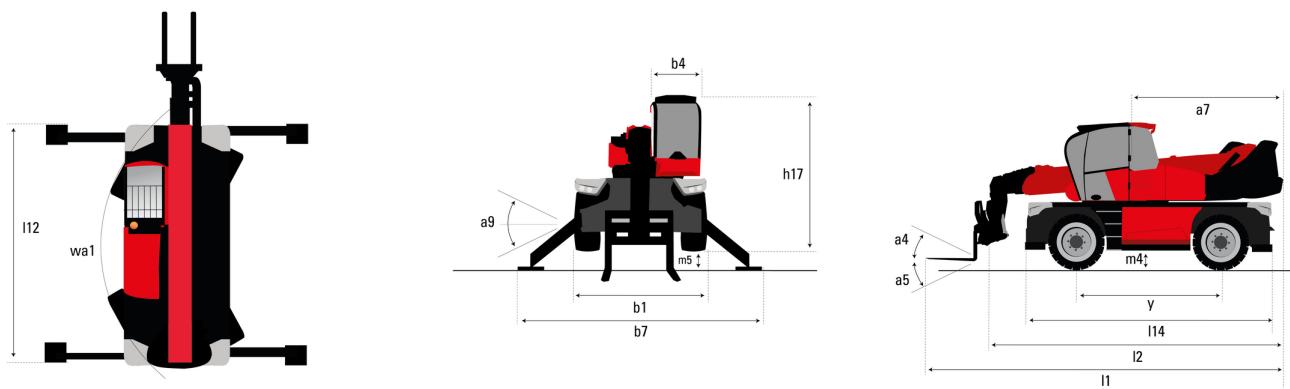
OXYGEN



 **MANITOU**
HANDLING YOUR WORLD

Capacities		Metric	
Max. capacity		6000 kg	
Max. lifting height		25.90 m	
Maximum outreach		21.70 m	
Weight and dimensions			
Overall length (with forks)	I1	9.28 m	
Length to face of forks	I2	8.08 m	
Overall width	b1	2.50 m	
Overall height	h17	3.10 m	
Overall cab width	b4	0.96 m	
External turning radius (over tyres)	Wa1	4.46 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	I / e / s	100 mm x 1200 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 for stabs		Stabs Commands Individual or Simultaneous	
Electric circuit			
Number of batteries / Battery voltage		2 x 12 V	
12V Battery capacity		120 Ah	
Battery starting current		850 A	
Engine/Battery			
Battery technology		Lithium-ion	
Battery capacity		105 Ah	
Battery nominal voltage		624 V	
Battery max. voltage		680 V	
Battery energy		65 kWh	
Drive motor power rating		107 kW	
Hydraulic motor power		84 kW	
Charger Power / Phase / Current type		11 kW / Single-phase or three-phase / AC	
Transmission			
Transmission type		Electrical	
Number of gears (forward / reverse)		2 / 2	
Max. travel speed		37 km/h	
Drawbar pull		8600 daN	
Drawbar pull continuous		4300 daN	
Parking brake		Automatic negative parking brake	
Service brake		Oil-immersed multi-discs braking on front & rear axles	
Performances			
Gradeability (laden / unladen)		36 % / 48 %	
Gradeability continuous (laden / unladen)		18 % / 23 %	
Hydraulics			
Hydraulic pump type		Fixed displacement piston	
Hydraulic flow		175 l/min	
Hydraulic Pressure		350 bar	
Hydraulic tank capacity		200 l	
Noise and vibration			
Noise at driving position (LpA)		65 dB	
Noise to environment (LwA)		103 dB	
Vibration on hands/arms		2.50 m/s ²	
Miscellaneous			
Steering wheels (front / rear)		2 / 2	
Controls		2 Joysticks	
Cab certification		Cabin ROPS - FOPS level 2	
Attachment recognition system (E-Reco)		Standard	

MRT 2660 e - Dimensional drawing



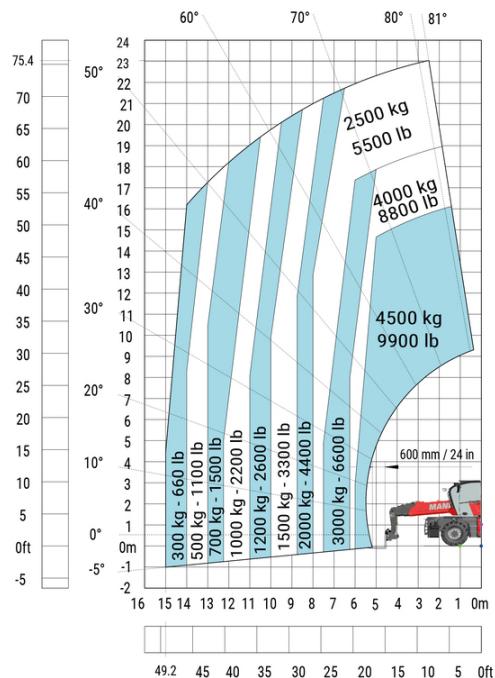
Other data

Length of frame	l14
Wheelbase	y
Ground clearance	m4
Counterweight offset (turret at 90°)	a7
Overall length at stabilisers	l12
Overall width with stabilisers extended	b7
Frame leveling corrector	a9
Ground clearance under front tires on stabilizers	m5

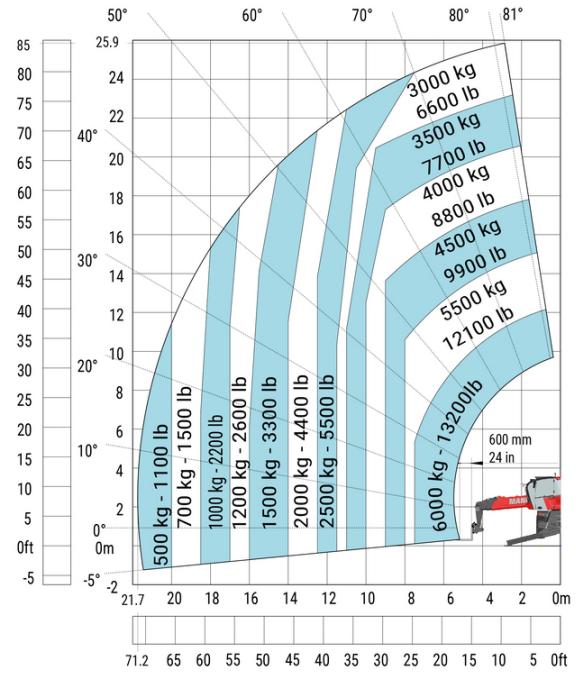
Metric
5.69 m
3.05 m
0.38 m
2.97 m
5.30 m
5.79 m
7 °
0.43 m

MRT 2660 e - Load chart

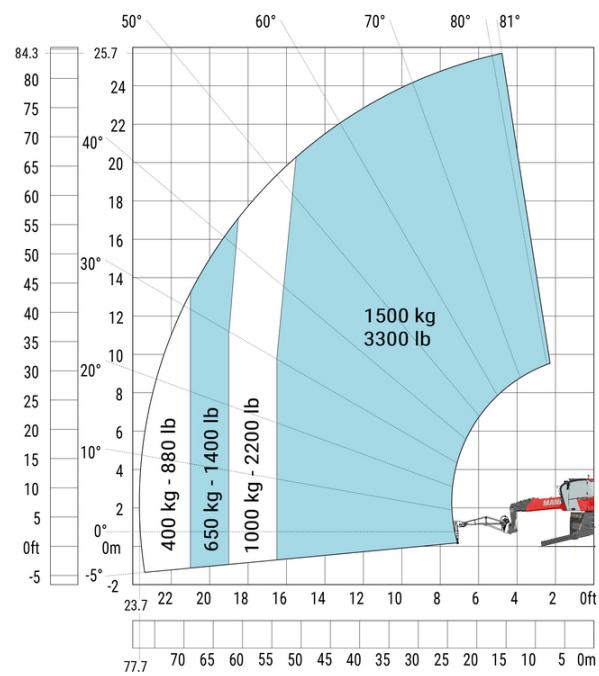
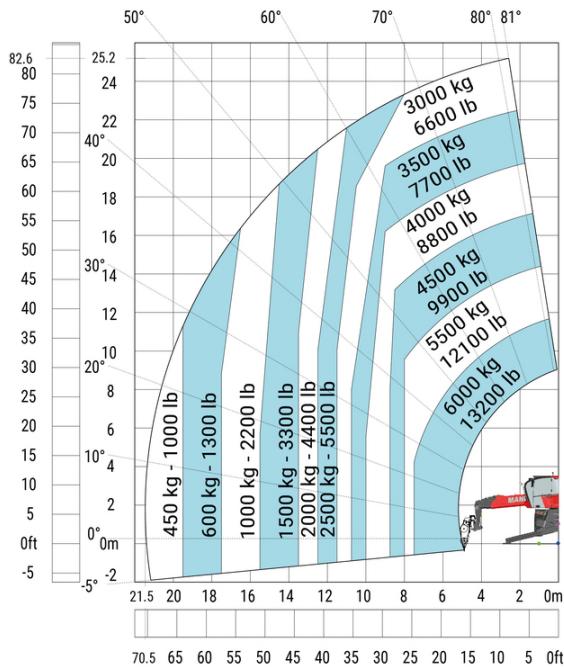
Machine on tires with forks Metric



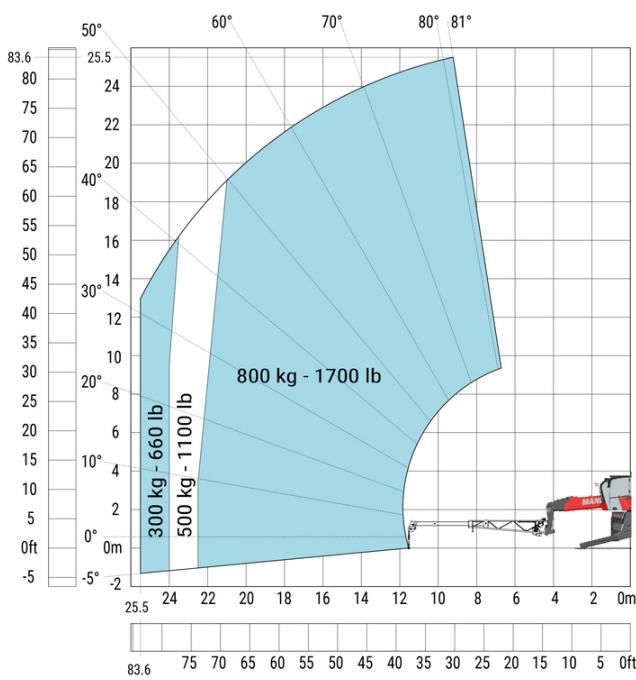
Machine on lowered stabilisers with forks (CAF) Metric



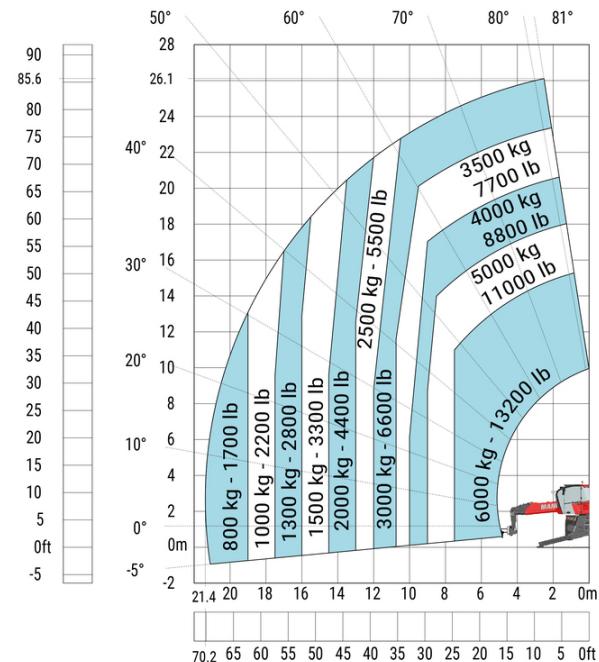
Machine on lowered stabilisers with winch 6000 kg (Metric) Machine on lowered stabilisers with 1500 kg jib with winch (Metric)



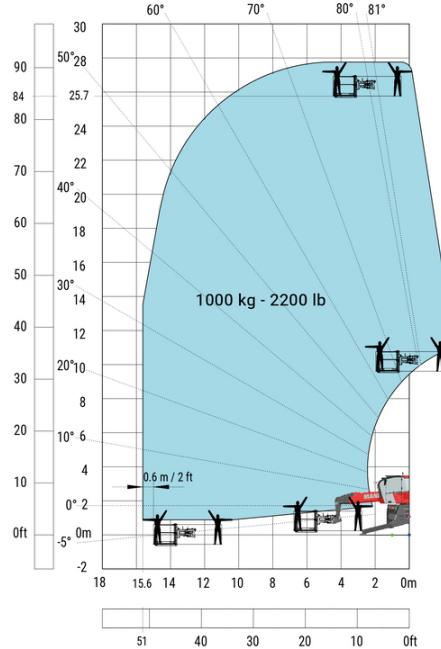
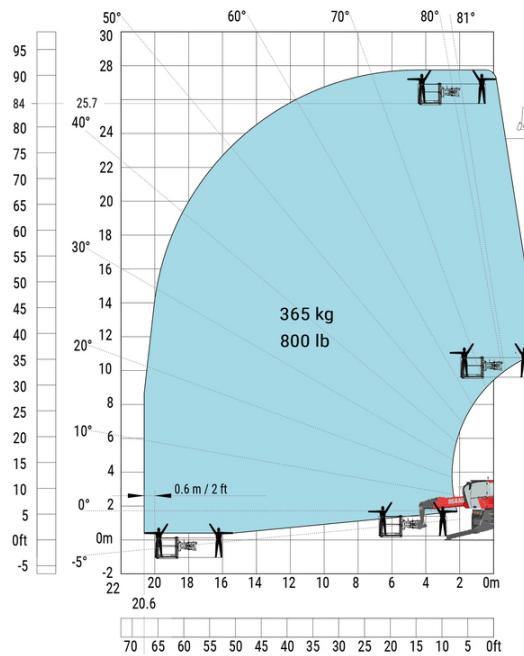
Machine on lowered stabilisers with extensible jib with winch (Metric)



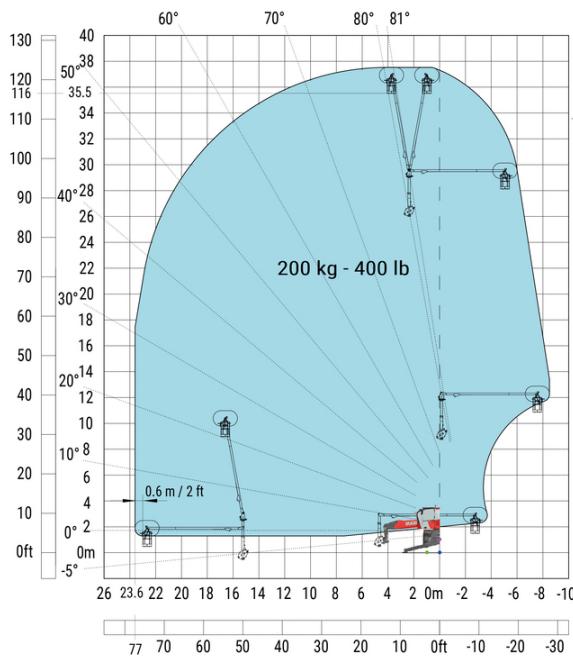
Machine on lowered stabilisers with hook 6000 kg (Metric)



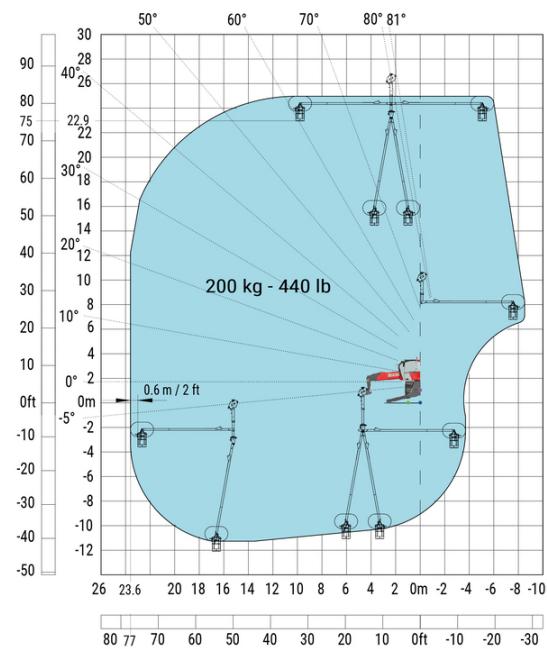
Machine on lowered stabilisers with 365 kg platform Metric Machine on lowered stabilisers with 1000 kg platform Metric



Machine on lowered stabilisers with 3D positive Metric



Machine on lowered stabilisers with 3D positive / negative Metric



Equipment

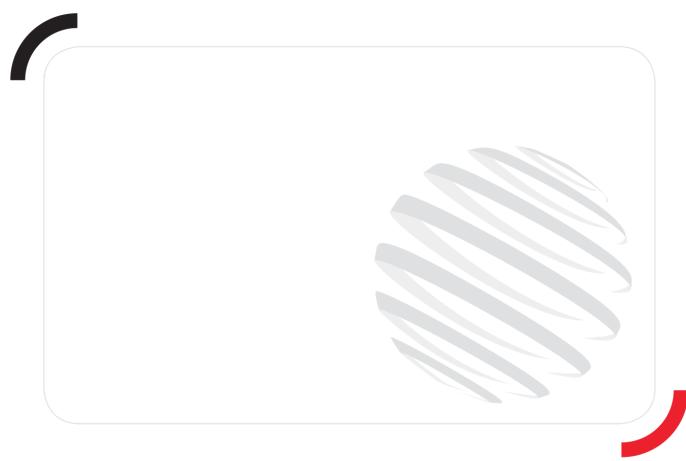
Optional

Additional battery high voltage 65 kWh

E-xtra generator 18.4 kW

Equipment: E-xtra generator 18.4 kW

Engine	Metric
Engine brand / norm	Yanmar / Stage V / Tier 4
Engine model	3TNV80F-ZXKMU
Number of cylinders - Capacity of cylinders	3 - 1267 cm ³
Max. torque / Engine rotation (min)	74.50 Nm @ 1900 rpm
Engine power (Hp)	25 Hp
Engine power (kW)	18.40 kW
Engine rotation	2800 rpm
Engine cooling system	Water cooled
Tank capacities	
Fuel	65 l
Engine oil	3.40 l



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