

Technical sheet :

# MRT 2260 E

OXYGEN



 **MANITOU**  
HANDLING YOUR WORLD

Capacities		Metric
Max. capacity		6000 kg
Max. lifting height		21.80 m
Maximum outreach		18.20 m
Weight and dimensions		
Overall length (with forks)	l1	8.17 m
Length to face of forks	l2	6.97 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	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 with 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		(EN)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 kW/h
Electric engine 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		
Max 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/s²
Miscellaneous		
Steering wheels (front / rear)		2 / 2
Controls		2 Joysticks
Cab certification		Cabin ROPS - FOPS level 2
Attachment recognition system (E-Reco)		Standard

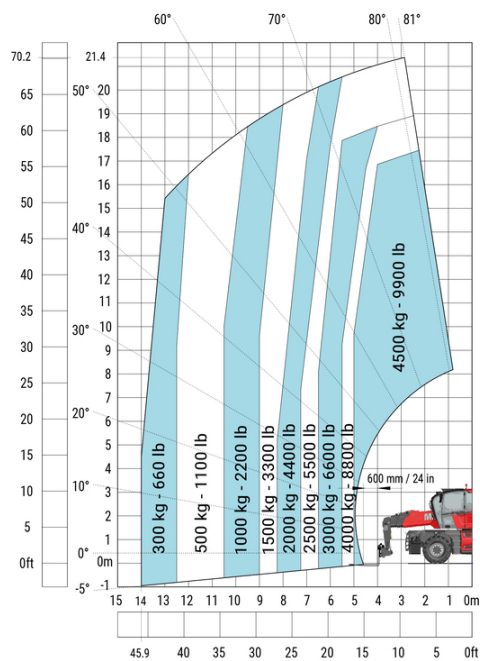
## MRT 2260 e - Dimensional drawing



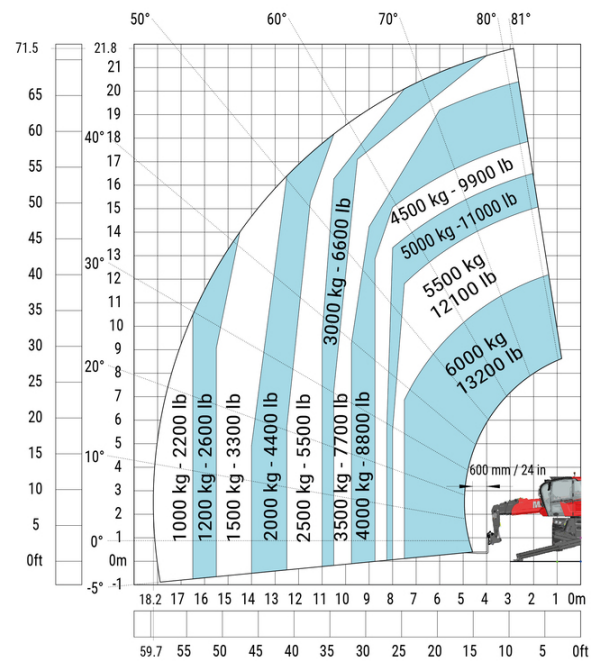
Other data		Metric	
Length of frame		$l14$	5.69 m
Wheelbase		$y$	3.05 m
Ground clearance		$m4$	0.38 m
Counterweight offset (turret at 90°)		$a7$	2.97 m
Tilt-up angle		$a4$	12 °
Tilt-down angle		$a5$	110 °
Overall length at stabilisers		$l12$	5.30 m
External turning radius (over tyres)		$Wa1$	4.46 m
Overall 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		$m5$	0.43 m

## MRT 2260 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

Extra 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 cm³
Max. torque / Engine rotation (min)		74.50 Nm @ 1900 rpm
Power		18.40 kW
Engine rotation		2800 rpm
Engine cooling system		Water cooled
I.C. Engine power rating		25 Hp
Tank capacities		
Fuel tank		65 l
Engine oil		3.40 l



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