Technical sheet :

# **MRT 2260 E**



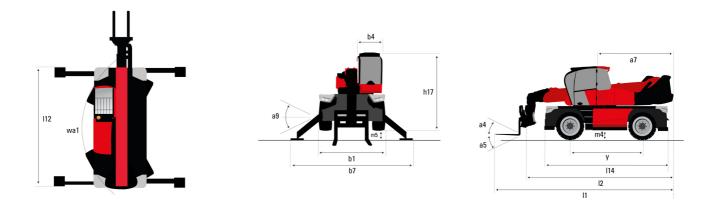




	MKI 2260	<b>E</b> Cleated 011 5 May 2024 at 05.04.36 01
Capacities		Metric
Max. capacity		6000 kg
Max. lifting height		21.80 m
Max. outreach		18.20 m
Weight and dimensions		
Overall length (with forks)	11	8.17 m
Length to face of forks	12	6.97 m
Overall width	b1	2.50 m
Overall height	h17	3.10 m
Overall cab width	b4	0.96 m
Ground clearance	m4	0.38 m
Wheelbase	У	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		
Stabs 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		Lithium-ion
Battery technology		105 Ah
Battery capacity Battery nominal voltage		624 V
Battery mox. voltage		680 V
Battery energy		65 kWh
Drive motor power		107 kW
Hydraulic motor power		84 kW
On-board Charger Power / Phase / Current		11 kW / Single-phase or three-phase / AC
Transmission		······ , •····g·• p····· • · ···· • p····• , ···
Transmission type		Electrical
Number of gears (forward / reverse)		2/2
Max. travel speed		37 km/h
Drawbar pull max / continuous		8600 daN / 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
Miscellaneous		
Steering wheels (front / rear)		2/2
Controls		2 Joysticks
Safety cab homologation		ROPS - FOPS level 2 cab
Attachment recognition system (E-Reco)		Standard

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#### MRT 2260 e - Dimensional drawing

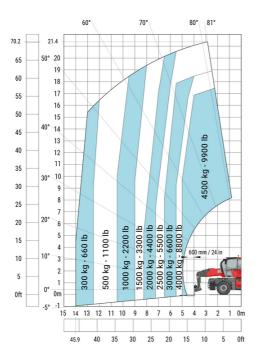


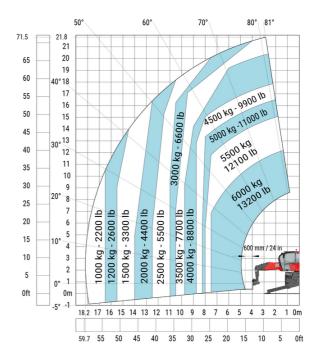
Other data		Metric
Length of frame	114	5.69 m
Wheelbase	у	3.05 m
Ground clearance	m4	0.38 m
Counterweight offset (turret at 90°)	а7	2.97 m
Tilt-up angle	a4	12 °
Tilt-down angle	a5	110 °
Overall length at stabilisers	112	5.30 m
External turning radius (over tyres)	Wa1	4.46 m
Overall width with stabilisers 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 tyres with forks Metric







80° 81°

6 5 4 3 2 1 0m

1 0m

5 Oft

25 20 15 10 5 Oft

70°

1500 kg - 3300 lb

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

50°

21.6

21

20

19

16

15

14

13

11

10

9

7

6

5

3

2

1

-1

20.1

65.9

0° 0m

-5° -2

1000 kg - 2200 lb 1250 kg - 2750 lb

800 kg - 1700 lb

20° 8

10° 4

30°12

40°<sup>18</sup> 17

70.8

65

60

55

50

45

40

35

30

25

20

15

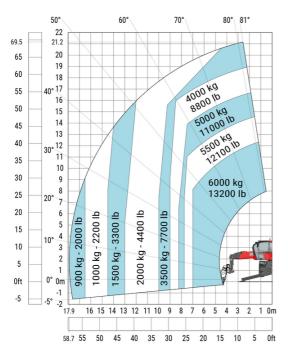
10

5

0ft

-5

60°



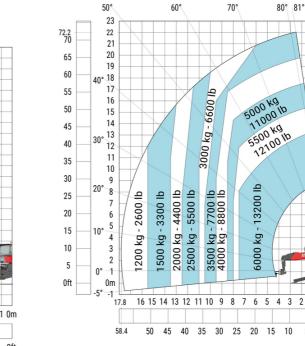
Machine on lowered stabilisers with extensible jib with winch (Metric)

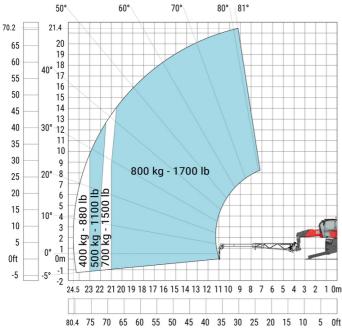


60 55 50 45

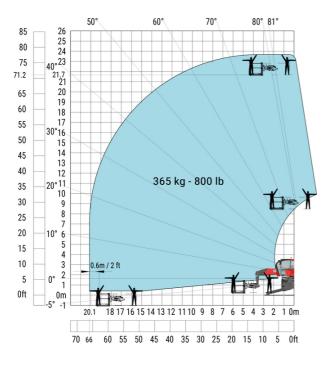
19 18 17 16 15 14 13 12 11 10 9 8 7

40 35 30

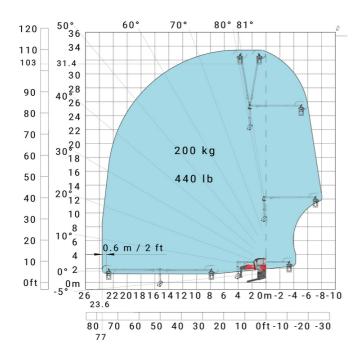




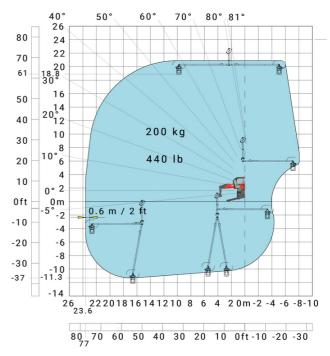
Machine on lowered stabilisers with 365 kg platform Metric Machine on lowered stabilisers with 1000 kg platform Metric



#### Machine on lowered stabilisers with 3D positive Metric



Machine on lowered stabilisers with 3D positive / negative Metric



### Equipment

#### Stallualu

Additional battery high voltage 65 kWh E-xtra generator 18.4 kW

## Equipment: E-xtra generator 18.4 kW

Capacities	Metric
Fuel tank	65
Engine oil	3.40
Engine	
Engine brand / norm	Yanmar / Stage V / Tier 4
Engine model	3TNV80F-ZXKMU
Number of cylinders - Capacity of cylinders	3 - 1267 cm³
Max. torque	74.50 Nm
Power	18.40 kW
Engine rotation	2800 rpm
Engine rotation (min)	1900 rpm
Engine cooling system	Water cooled
I.C. Engine power rating	25 Hp



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