Technical sheet :

MRT 2660 E



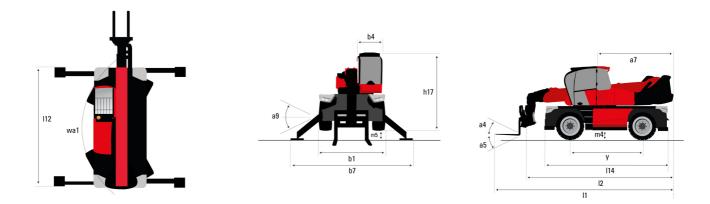




Capacities	Metric
Max. capacity	6000 kg
Max. lifting height	25.90 m
Maximum outreach	21.70 m
Weight and dimensions	
Overall length (with forks)	l1 9.28 m
Length to face of forks	l2 8.08 m
Overall width	b1 2.50 m
Overall height	h17 3.10 m
Overall cab width	b4 0.96 m
Ground clearance	m4 0.38 m
Wheelbase	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 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	
	2 x 12 V
Number of batteries / Battery voltage	
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 & rea 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 200 l
Hydraulic tank capacity 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 (treat (rear)	2/2
Steering wheels (front / rear) Controls Cab certification	2 Joysticks Cabin ROPS - FOPS level 2

MRT 2660 E Created on August 12, 2025 at 6:55 PM UTC

MRT 2660 e - Dimensional drawing

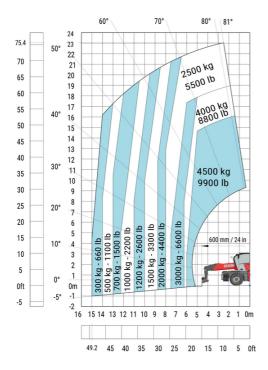


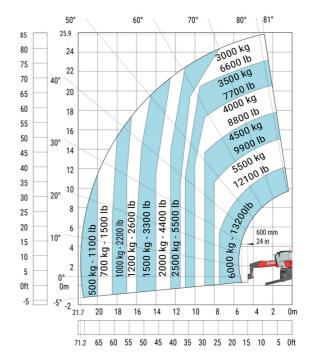
Other data		Matria
		Metric
Length of frame	114	5.69 m
Wheelbase	у	3.05 m
Ground clearance	m4	0.38 m
Counterweight offset (turret at 90°)	а7	2.97 m
Tilt-up angle	a4	12 °
Tilt-down angle	а5	110 °
Overall length at stabilisers	112	5.30 m
External turning radius (over tyres)	Wa1	4.46 m
Overall width with 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 2660 e - Load chart

Machine on tires with forks Metric







70°

1500 kg

80° 81°

Oft

5 0m

2

4

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

84.3

80

75

70

65

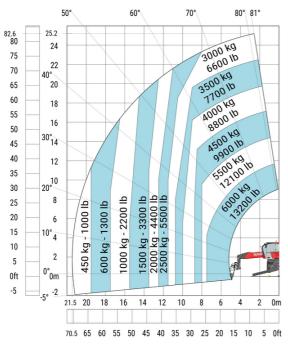
60

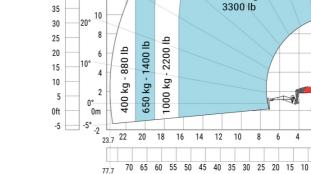
55

50

45

40





50°

25.7

24

22

20

18

16

14

12

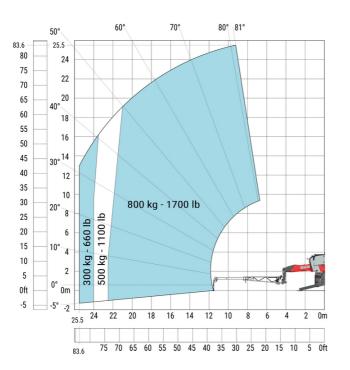
40

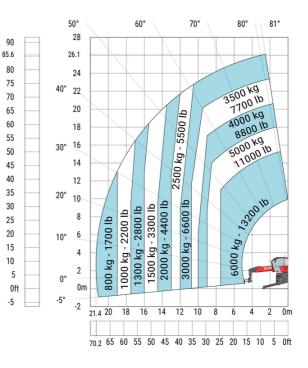
30°

60°

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

Machine on lowered stabilisers with hook 6000 kg (Metric)





80° 81°

The

Đ-

0m

60°

30

50°28 90

25.7

24

22

40° 20

18

16

12

8

4

0° 2

-5° Om

-2 18 0.6 m / 2 f

100

40 30 20 10 Oft

15.6 14 12 10

51

20°10 30

30° 14

84

80

70

60

50

40

20 10° 6

10

Oft

70°

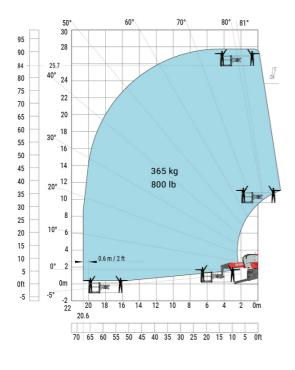
1000 kg - 2200 lb

6

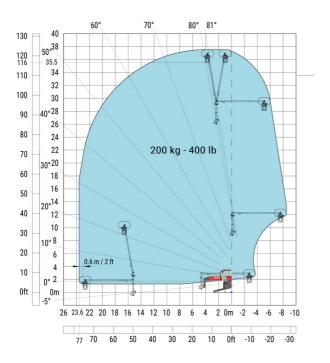
4 2

8

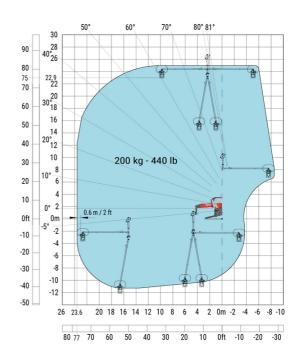
Machine on lowered stabilisers with 365 kg platform Metric Machine on lowered stabilisers with 1000 kg platform Metric



Machine on lowered stabilisers with 3D positive Metric



Machine on lowered stabilisers with 3D positive / negative Metric



Equipment

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

Optional

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 pm
Engine cooling system	Water cooled
I.C. Engine power rating	25 Hp
Tank capacities	
Fuel tank	65
Engine oil	3.40 l



Head Office B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



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