Technical sheet:

MRT 1645 75

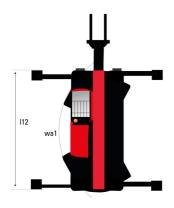
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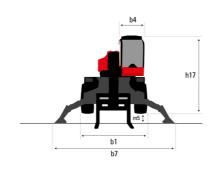


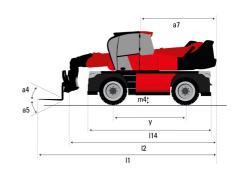


	MRT 1645 75 Created on July 30, 2025 at 7:38 PM U
Capacities	Metric
Max. capacity	4500 kg
Max. lifting height	15.80 m
Maximum outreach	13.50 m
Veight and dimensions	
Overall length (with forks)	l1 7.58 m
ength to face of forks	l2 6.38 m
verall width	b1 2.42 m
verall height	h17 3.04 m
Overall cab width	b4 0.96 m
round clearance	m4 0.37 m
/heelbase	y 2.43 m
ïlt-up angle	a4 12°
ilt-down angle	a5 105°
urret rotation	400 °
Overall weight	13305 kg
orks length / width / section	I / e / s 1200 mm x 125 mm x 50 mm
Vheels	
tandard tires	405/70-20
rive wheels (front / rear)	2/2
steering mode	2 wheel steer, 4 wheel steer, Crab mode
Stabilisers	
tabilizers Type	Wing Type
Controls with stabs	Stabs Commands Individual or Simultaneous
ingine	Case Sommanas marriada or simanassas
ngine brand	Deutz
ngine norm	Stage V, Tier 4
ngine model	TCD 3.6 L4
C. Engine power rating / Power	75 Hp / 55.40 kW
Max. torque / Engine rotation (min)	405 Nm @ 1300 rpm
lumber of cylinders - Capacity of cylinders	4 - 3620 cm ³
ingine cooling system	Water cooled
Electric circuit	Hadi Sooica
Number of batteries / Battery voltage	2 x 12 V
2V Battery capacity	120 Ah
Sattery starting current	(EN)850 A
ransmission	(21)300 11
ransmission type	Hydrostatic
lumber of gears (forward / reverse)	2/2
Max. travel speed	25 km/h
Irawbar pull	9400 daN
arking brake	Automatic negative parking brake
•	Oil-immersed multi-discs braking on front & rea
Service brake	axles
Performances	
Gradeability (laden / unladen)	44.50 % / 44.50 %
lydraulics	
lydraulic pump type	Variable displacement pump
lydraulic flow	116 l/min
lydraulic Pressure	275 bar
ank capacities	
ngine oil	111
uel tank	130 l
loise and vibration	
loise at driving position (LpA)	68 dB
loise to environment (LwA)	104 dB
libration 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 1645 75 - Dimensional drawing







ther data
ength of frame
/heelbase
round clearance
ounterweight offset (turret at 90°)
ilt-up angle
ilt-down angle
verall length at stabilisers
xternal turning radius (over tyres)
verall width with stabilisers extended
verall height
round clearance under front tires on stabilizers

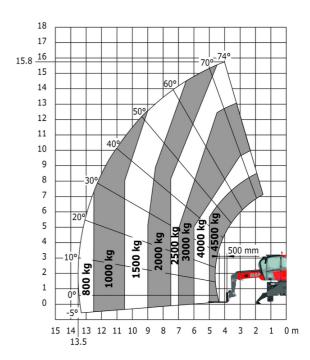
	Metric
l14	4.67 m
у	2.43 m
m4	0.37 m
a7	2.50 m
a4	12 °
a5	105 °
l12	4.41 m
Wa1	3.92 m
b7	4.01 m
h17	3.04 m
m5	0.18 m

MRT 1645 75 - Load chart

Machine on tires with forks Metric

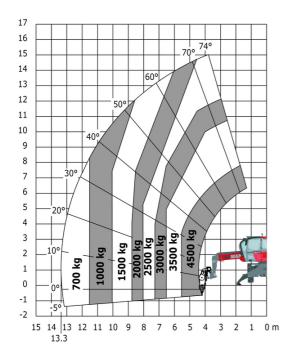
18 17 16 15.6 15 14 13 12 40 10 8 2000 kg 1500 kg 6 1000 kg 5 650 kg 400 kg 300 kg 3 10° 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 m

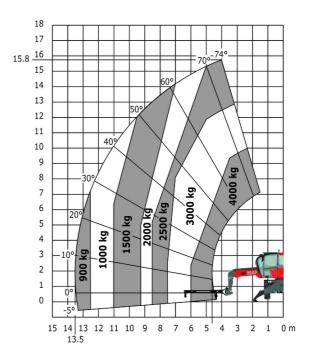
Machine on lowered stabilisers with forks Metric



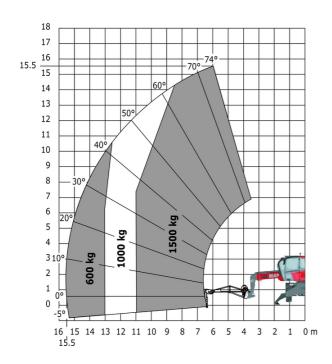
Machine on lowered stabilisers with winch 5000 kg Metric

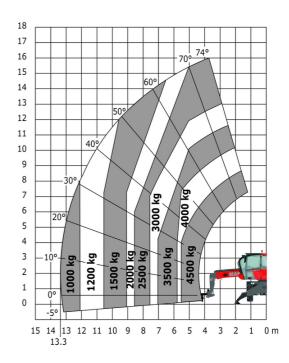
Machine on lowered stabilisers with 4000 kg jib (Metric)



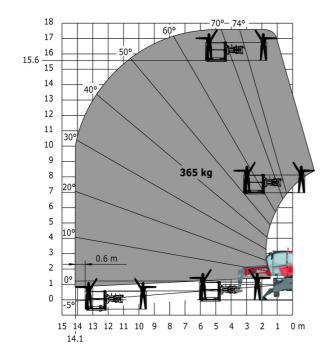


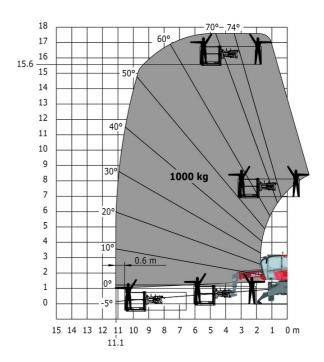
Machine on lowered stabilisers with 1500 kg jib with winch Machine on lowered stabilisers with hook 5000 kg (Metric) (Metric)





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









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