Technical sheet:

MRT-X 1645

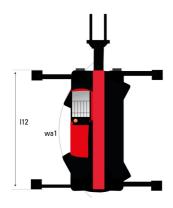
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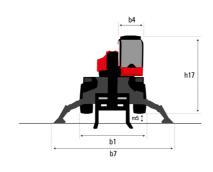


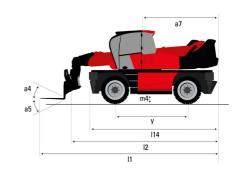


	mrt-x 1645 Created on August 12, 2025 at 11:53 PM
Capacities	Metric
Max. capacity	4500 kg
Max. lifting height	15.80 m
Maximum outreach	13.50 m
Veight and dimensions	
Overall length (with forks)	l1 7.58 m
ength to face of forks	l2 6.38 m
Overall width	b1 2.42 m
Overall height	h17 3.04 m
Overall cab width	b4 0.96 m
Fround clearance	m4 0.37 m
Vheelbase	y 2.43 m
ilt-up angle	a4 12 °
Tilt-down angle	a5 105 °
Turnet rotation	400 °
Overall weight	13305 kg
•	
orks length / width / section Vheels	I / e / s 1200 mm x 125 mm x 50 mm
	405/70.00
Standard tires	405/70-20
Orive wheels (front / rear)	2/2
Steering mode	2 wheel steer, 4 wheel steer, Crab mode
Stabilisers	
Stabilizers Type	Wing Type
Controls with stabs	Stabs Commands Individual or Simultaneous
Engine Control of the	
ingine brand	Deutz
ingine norm	Stage IIIA
ingine model	TCD 3.6 L4
.C. Engine power rating / Power	116 Hp / 85 kW
Max. torque / Engine rotation (min)	460 Nm @ 1600 rpm
Number of cylinders - Capacity of cylinders	4 - 3620 cm³
Engine cooling system	Water cooled
Electric circuit	
Number of batteries / Battery voltage	2 x 12 V
2V Battery capacity	120 Ah
Battery starting current	(EN)850 A
ransmission	
ransmission type	Hydrostatic
lumber of gears (forward / reverse)	2/2
Max. travel speed	40 km/h
Prawbar pull	9700 daN
Parking brake	Automatic negative parking brake
North Amelia	Oil-immersed multi-discs braking on front & re
Service brake	axles
Performances	
Gradeability (laden / unladen)	46.60 % / 50.90 %
lydraulics	
lydraulic pump type	Variable displacement pump
Hydraulic flow	116 l/min
lydraulic Pressure	275 bar
ank capacities	
ngine oil	111
uel tank	130
loise and vibration	
loise at driving position (LpA)	68 dB
loise to environment (LwA)	106 dB
fibration on hands/arms	< 2.50 m/s ²
Miscellaneous	· 2.00 m/s
	2/2
Steering wheels (front / rear)	
Controls	2 Joysticks
Cab certification Attachment recognition system (E-Reco)	Cabin ROPS - FOPS level 2 Standard

MRT-X 1645 - Dimensional drawing





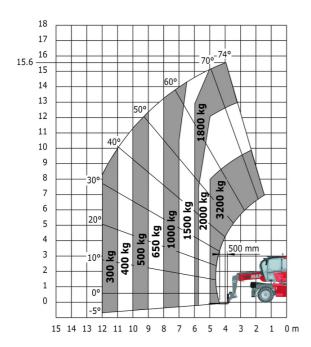


Other data
ength of frame
Wheelbase
Ground clearance
Counterweight offset (turret at 90°)
Tilt-up angle
Tilt-down angle
Overall length at stabilisers
External turning radius (over tyres)
Overall width with stabilisers extended
Overall height
Ground clearance under front tires on stabilizers

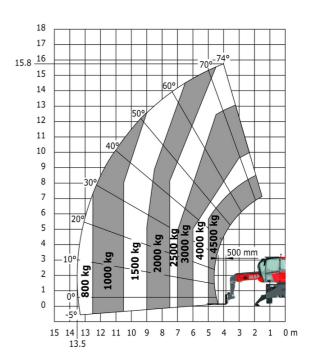
	Metric
l14	4.67 m
у	2.43 m
m4	0.37 m
a7	2.50 m
a4	12 °
a5	105 °
l12	4.41 m
Wa1	3.92 m
b7	4.01 m
h17	3.04 m
m5	0.18 m

MRT-X 1645 - Load chart

Machine on tires with forks Metric

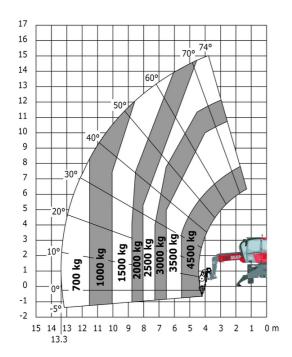


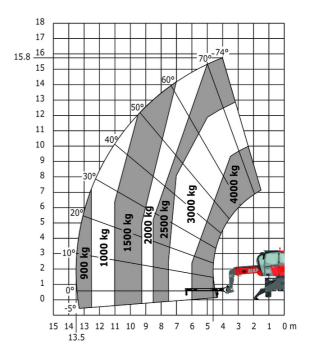
Machine on lowered stabilisers with forks Metric



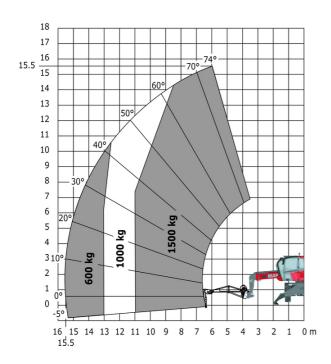
Machine on lowered stabilisers with winch 5000 kg Metric

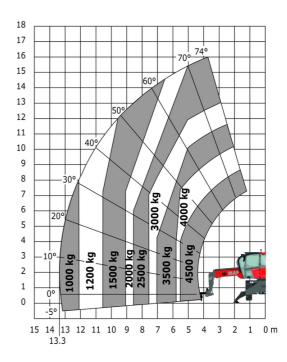
Machine on lowered stabilisers with 4000 kg jib (Metric)



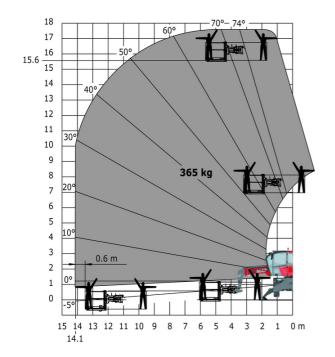


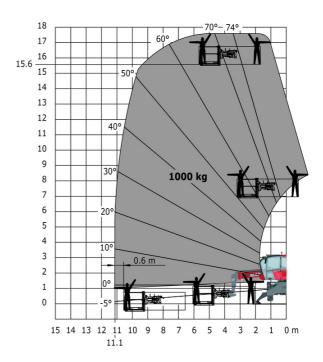
Machine on lowered stabilisers with 1500 kg jib with winch Machine on lowered stabilisers with hook 5000 kg (Metric) (Metric)





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









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