Technical sheet:

MRT-X 1645

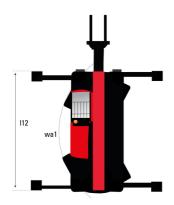
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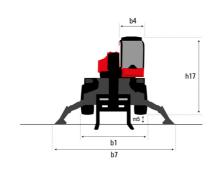


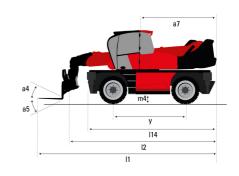


	MRT-X 1645 Created on November 4, 2025 at 9:10 Pl
Capacities	Metric
Max. capacity	4500 kg
Max. lifting height	15.80 m
Maximum outreach	13.50 m
Weight and dimensions	
Overall length (with forks)	l1 7.58 m
ength to face of forks	l2 6.38 m
Overall width	b1 2.42 m
Overall height	h17 3.04 m
Overall cab width	b4 0.96 m
External turning radius (over tyres)	Wa1 3.92 m
Ground clearance	m4 0.37 m
Wheelbase	y 2.43 m
Filt-up angle	a4 12 °
ilt-down angle	a5 105 °
Furret rotation	400 °
Overall weight	13305 kg
Forks length / width / section	I / e / s 1200 mm x 125 mm x 50 mm
Wheels	107.77
Standard tires	405/70-20
Orive wheels (front / rear)	2/2
Steering mode	2 wheel steer, 4 wheel steer, Crab mode
Stabilisers Stabil	
Stabilizers Type	Wing Type
Controls for stabs	Stabs Commands Individual or Simultaneo
Engine	
ingine brand	Deutz
ingine norm	Stage IIIA
ingine model	TCD 3.6 L4
Engine power (Hp / kW)	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
12V Battery capacity	120 Ah
Battery starting current	(EN)850 A
Transmission	(LIV)000 A
	Lludrostatio
Fransmission type	Hydrostatic
Number of gears (forward / reverse)	2/2
Max. travel speed	40 km/h
Orawbar pull	9700 daN
Parking brake	Automatic negative parking brake
Service brake	Oil-immersed multi-discs braking on front 8 axles
Performances	dxies
	46 CO 81 / FO OO 81
Gradeability (laden / unladen)	46.60 % / 50.90 %
lydraulics	
Hydraulic pump type	Variable displacement pump
lydraulic flow	116 l/min
lydraulic Pressure	275 bar
ank capacities	
ngine oil	11 1
uel	130 I
loise and vibration	
loise at driving position (LpA)	68 dB
loise to environment (LwA)	106 dB
libration on hands/arms	< 2.50 m/s ²
Miscellaneous	
Steering wheels (front / rear)	2/2
Controls	2 Joysticks
	Cabin ROPS - FOPS level 2
Cab certification	

MRT-X 1645 - Dimensional drawing





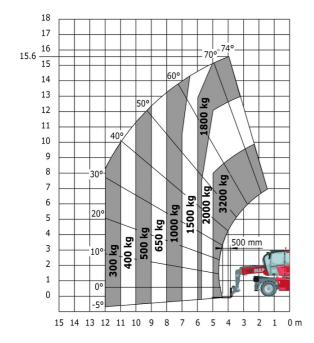


Other data
Length of frame
Wheelbase
Ground clearance
Counterweight offset (turret at 90°)
Overall length at stabilisers
Overall width with stabilisers extended
Ground clearance under front tires on stabilizers

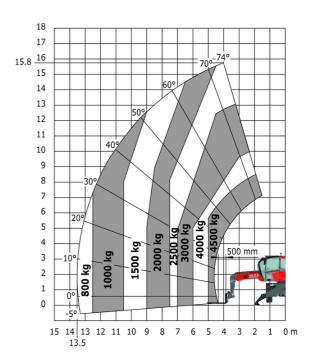
	Metric
l14	4.67 m
у	2.43 m
m4	0.37 m
a7	2.50 m
l12	4.41 m
b7	4.01 m
m5	0.18 m

MRT-X 1645 - Load chart

Machine on tires with forks Metric

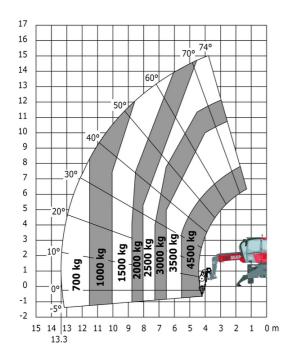


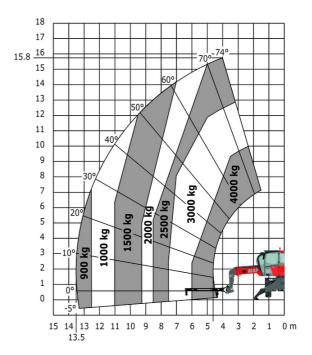
Machine on lowered stabilisers with forks Metric



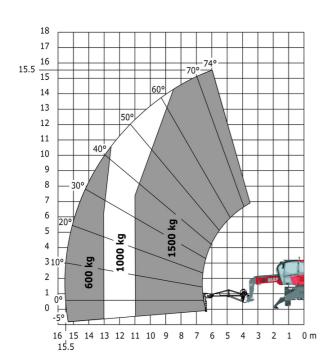
Machine on lowered stabilisers with winch 5000 kg Metric

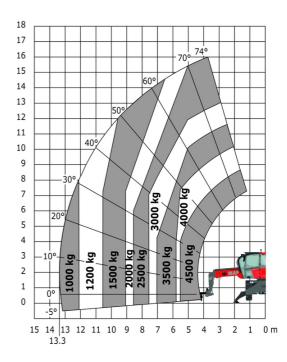
Machine on lowered stabilisers with 4000 kg jib (Metric)



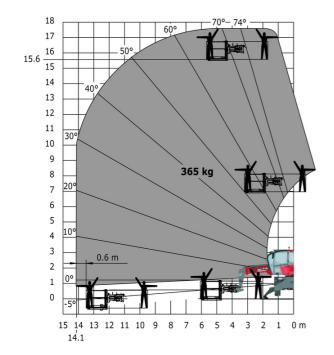


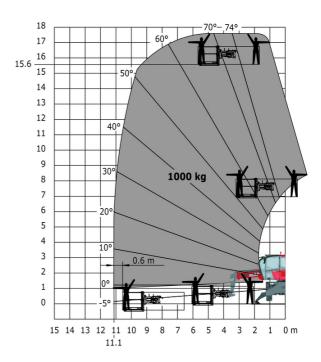
Machine on lowered stabilisers with 1500 kg jib with winch Machine on lowered stabilisers with hook 5000 kg (Metric) (Metric)





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









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