Technical sheet:

MRT-X 1645

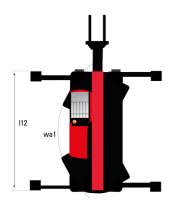
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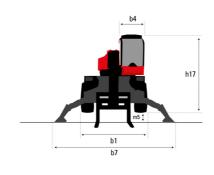


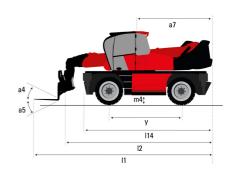


MRT-X 1645 Created on August 1, 2025 a		eated on August 1, 2025 at 6:10 PM 0
Capacities		Metric
Max. capacity		4500 kg
Max. lifting height		15.80 m
Aaximum outreach		13.50 m
Veight and dimensions		
Overall length (with forks)	I1	7.58 m
ength to face of forks	12	6.38 m
Derall width	b1	2.42 m
Dverall height	h17	3.04 m
Overall cab width	b4	0.96 m
round clearance	m4	0.37 m
/heelbase	у	2.43 m
ilt-up angle	a4	12 °
ilt-down angle	a5	105 °
urret rotation	ao	400 °
verall weight		13305 kg
	I / e / s	1200 mm x 125 mm x 50 mm
orks length / width / section	1/6/8	1200 11111 x 123 11111 x 30 11111
/heels		40E/70.20
Standard tires		405/70-20
Irive wheels (front / rear)		2 / 2
rteering mode		2 wheel steer, 4 wheel steer, Crab mode
Mabilisers		Min. T
tabilizers Type		Wing Type
Controls with stabs		Stabs Commands Individual or Simultaneous
ngine		
ngine brand		Deutz
ngine norm		Stage IIIA
ngine model		TCD 3.6 L4
C. Engine power rating / Power		116 Hp / 85 kW
Max. torque / Engine rotation (min)		460 Nm @ 1600 rpm
lumber of cylinders - Capacity of cylinders		4 - 3620 cm³
ngine cooling system		Water cooled
Electric circuit		
lumber of batteries / Battery voltage		2 x 12 V
2V Battery capacity		120 Ah
lattery starting current		(EN)850 A
ransmission		
ransmission type		Hydrostatic
lumber of gears (forward / reverse)		2/2
fax. travel speed		40 km/h
rawbar pull		9700 daN
arking brake		Automatic negative parking brake
ervice brake		Oil-immersed multi-discs braking on front & real axles
erformances		dates
Gradeability (laden / unladen)		46.60 % / 50.90 %
ladeability (ladeii 7 diliadeii) Iydraulics		40.00 % / 30.30 %
•		Variable displacement nump
lydraulic pump type lydraulic flow		Variable displacement pump 116 l/min
•		
lydraulic Pressure ank capacities		275 bar
<u> </u>		14.1
ngine oil		11
uel tank		130 l
oise and vibration		
oise at driving position (LpA)		68 dB
oise to environment (LwA)		106 dB
fibration on hands/arms		< 2.50 m/s²
Aiscellaneous		
teering wheels (front / rear)		2/2
Controls Cab certification		2 Joysticks Cabin ROPS - FOPS level 2

MRT-X 1645 - 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

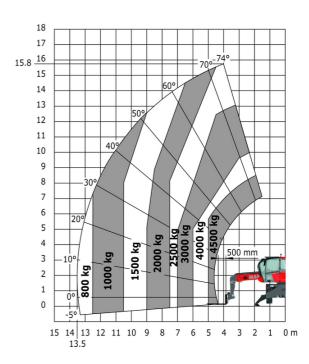
	Metric
l14	4.67 m
у	2.43 m
m4	0.37 m
a7	2.50 m
a4	12 °
a5	105 °
l12	4.41 m
Wa1	3.92 m
b7	4.01 m
h17	3.04 m
m5	0.18 m

MRT-X 1645 - Load chart

Machine on tires with forks Metric

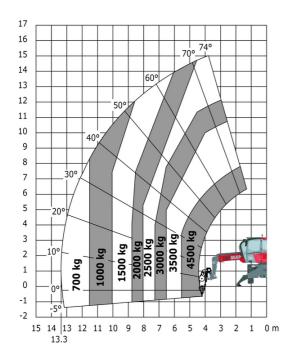
18 17 16 15.6 15 14 13 12 40 10 8 2000 kg 1500 kg 6 1000 kg 5 650 kg 400 kg 300 kg 3 10° 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 m

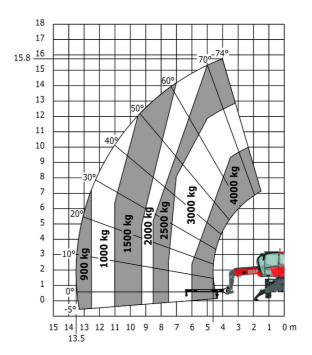
Machine on lowered stabilisers with forks Metric



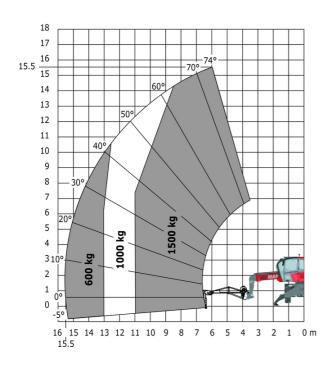
Machine on lowered stabilisers with winch 5000 kg Metric

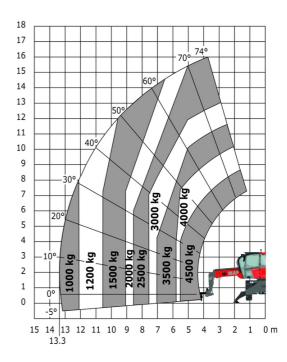
Machine on lowered stabilisers with 4000 kg jib (Metric)



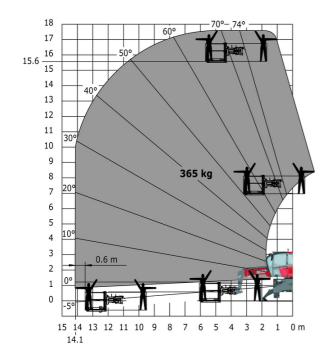


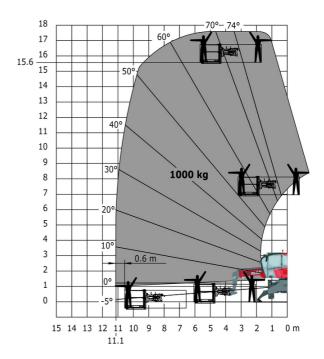
Machine on lowered stabilisers with 1500 kg jib with winch Machine on lowered stabilisers with hook 5000 kg (Metric) (Metric)





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









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