Technical sheet:

# **MRT-X 1645**

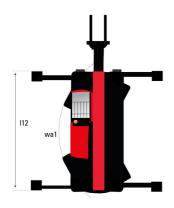
#### **VISION**

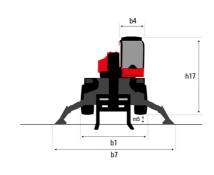


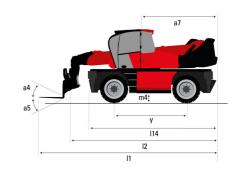


	MRT-X 1645	Created on August 12, 2025 at 6:09 PM U
Capacities		Metric
Max. capacity		4500 kg
Max. lifting height		15.80 m
Aaximum outreach		13.50 m
Veight and dimensions		
verall length (with forks)	l1	7.58 m
ength to face of forks	12	6.38 m
verall width	b1	2.42 m
verall height	h17	3.04 m
verall cab 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	43	400 °
verall weight		13305 kg
orks length / width / section	I/e/s	1200 mm x 125 mm x 50 mm
	17 67 5	1200 111111 x 123 111111 x 30 111111
vheels tandard tires		405/70 20
		405/70-20 2 / 2
vive wheels (front / rear)		
atering mode  Abdilisers		2 wheel steer, 4 wheel steer, Crab mode
		Win a Ton a
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
ingine cooling system		Water cooled
lectric 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
umber of gears (forward / reverse)		2/2
lax. travel speed		40 km/h
rawbar pull		9700 daN
arking brake		Automatic negative parking brake
ervice brake		Oil-immersed multi-discs braking on front & rea axles
Performances		dxies
Gradeability (laden / unladen)		46.60 % / 50.90 %
lydraulics		40.00 % / 30.90 %
•		Veriable displacement nump
ydraulic pump type		Variable displacement pump
ydraulic flow		116 l/min
ydraulic Pressure		275 bar
ank capacities		441
ngine oil		111
uel tank		130
oise and vibration		
oise at driving position (LpA)		68 dB
oise to environment (LwA)		106 dB
fibration on hands/arms		< 2.50 m/s <sup>2</sup>
discellaneous		
teering wheels (front / rear)		2 / 2
Controls Cab certification		2 Joysticks Cabin ROPS - FOPS level 2

## MRT-X 1645 - Dimensional drawing







Other data	
Length 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	

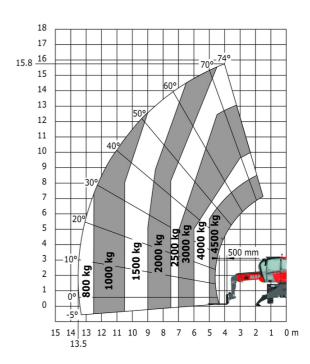
	Metric
l14	4.67 m
у	2.43 m
m4	0.37 m
a7	2.50 m
a4	12 °
a5	105 °
l12	4.41 m
Wa1	3.92 m
b7	4.01 m
h17	3.04 m
m5	0.18 m

### MRT-X 1645 - Load chart

### Machine on tires with forks Metric

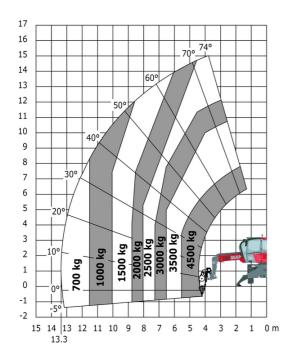
#### 18 17 16 15.6 15 14 13 12 40 10 8 2000 kg 1500 kg 6 1000 kg 5 650 kg 400 kg 300 kg 3 10° 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 m

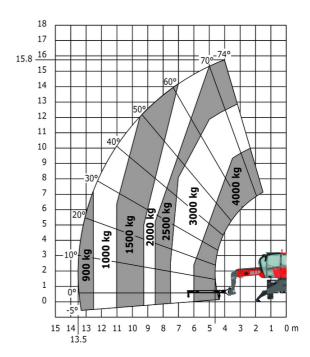
## Machine on lowered stabilisers with forks Metric



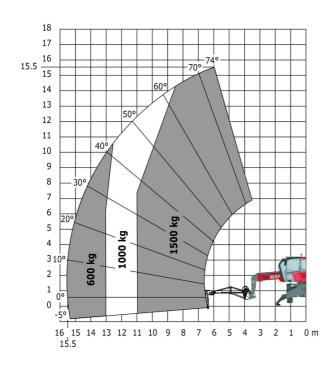
Machine on lowered stabilisers with winch 5000 kg Metric

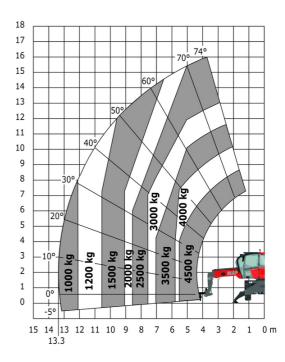
Machine on lowered stabilisers with 4000 kg jib (Metric)



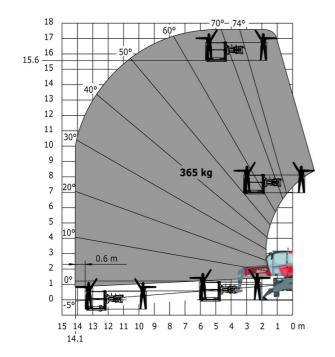


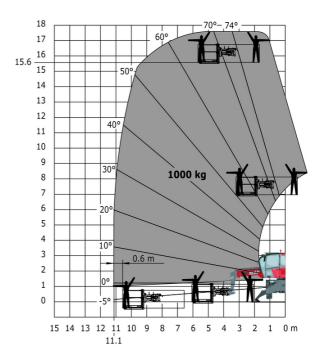
Machine on lowered stabilisers with 1500 kg jib with winch Machine on lowered stabilisers with hook 5000 kg (Metric) (Metric)





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









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