Technical sheet:

MRT-X 1645

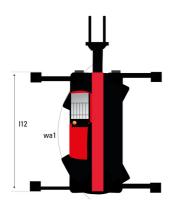
VISION

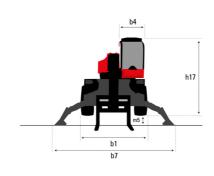


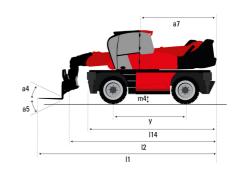


	MRT-X 1645 Cre	eated on August 11, 2025 at 4:01 PM UT
Capacities		Metric
Max. capacity		4500 kg
Max. lifting height		15.80 m
Maximum outreach		13.50 m
Weight and dimensions		75.55
Overall length (with forks)	l1	7.58 m
Length to face of forks	12	6.38 m
Overall width	b1	2.42 m
Overall height	h17	3.04 m
Overall cab width	b4	0.96 m
Ground clearance	m4	0.37 m
Wheelbase	у	2.43 m
Tilt-up angle	a4	12 °
Tilt-down angle	a5	105 °
Turret rotation		400 °
Overall weight		13305 kg
Forks length / width / section	I/e/s	1200 mm x 125 mm x 50 mm
Wheels	17 67 3	1200 11111 X 123 111111 X 30 111111
Standard tires		405/70-20
Drive wheels (front / rear)		2 / 2
Steering mode		2 wheel steer, 4 wheel steer, Crab mode
Stabilisers Stabilisers		2 Wheel Steel, 4 Wheel Steel, Clab Hode
		Wing Type
Stabilizers Type		Wing Type
Controls with stabs		Stabs Commands Individual or Simultaneous
Engine		
Engine brand		Deutz
Engine norm		Stage IIIA
Engine model		TCD 3.6 L4
I.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
12V Battery capacity		120 Ah
Battery starting current		(EN)850 A
Transmission		
Transmission type		Hydrostatic
Number of gears (forward / reverse)		2 / 2
Max. travel speed		40 km/h
Drawbar pull		9700 daN
Parking brake		Automatic negative parking brake
Service brake		Oil-immersed multi-discs braking on front & rear axles
Performances		dxies
		46 60 % / 50 00 %
Gradeability (laden / unladen)		46.60 % / 50.90 %
Hydraulics		Variable discussion
Hydraulic pump type		Variable displacement pump
Hydraulic flow		116 l/min
Hydraulic Pressure		275 bar
Tank capacities		
Engine oil		111
Fuel tank		130 l
Noise and vibration		
Noise at driving position (LpA)		68 dB
Noise to environment (LwA)		106 dB
Vibration on hands/arms		< 2.50 m/s ²
Miscellaneous		
		2 / 2
Steering wheels (front / rear)		212
		2 Joysticks
Steering wheels (front / rear) Controls Cab certification		

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	

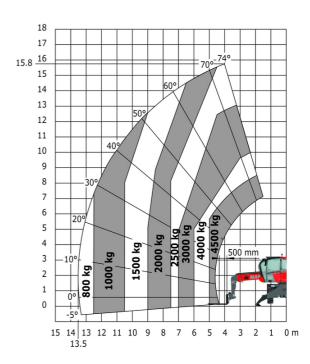
	Metric
l14	4.67 m
у	2.43 m
m4	0.37 m
a7	2.50 m
a4	12 °
a5	105 °
l12	4.41 m
Wa1	3.92 m
b7	4.01 m
h17	3.04 m
m5	0.18 m
a4 a5 l12 Wa1 b7 h17	12 ° 105 ° 4.41 m 3.92 m 4.01 m 3.04 m

MRT-X 1645 - Load chart

Machine on tires with forks Metric

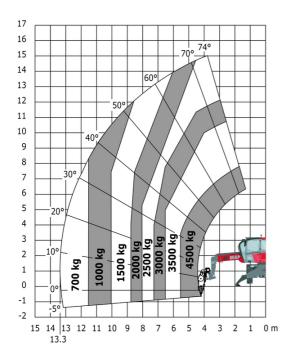
18 17 16 15.6 15 14 13 12 40 10 8 2000 kg 1500 kg 6 1000 kg 5 650 kg 400 kg 300 kg 3 10° 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 m

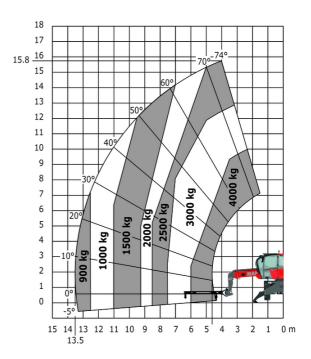
Machine on lowered stabilisers with forks Metric



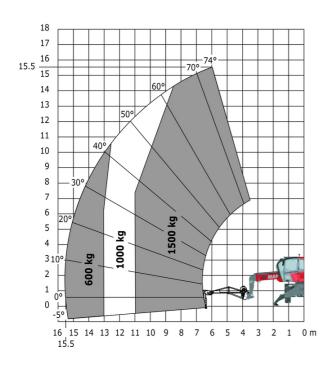
Machine on lowered stabilisers with winch 5000 kg Metric

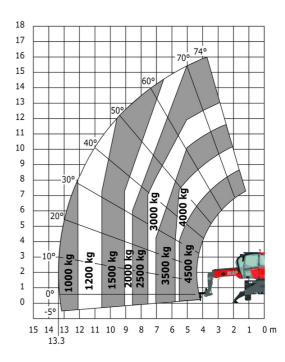
Machine on lowered stabilisers with 4000 kg jib (Metric)



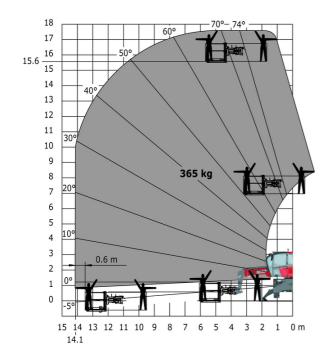


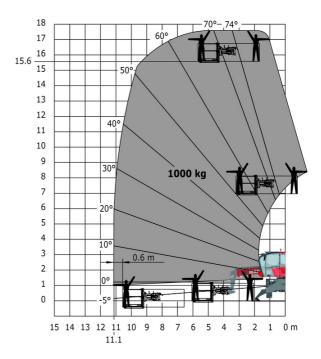
Machine on lowered stabilisers with 1500 kg jib with winch Machine on lowered stabilisers with hook 5000 kg (Metric) (Metric)





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









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