Technical sheet:

MRT-X 1645

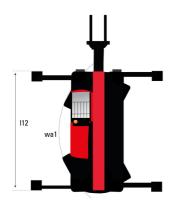
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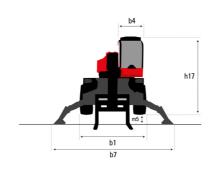


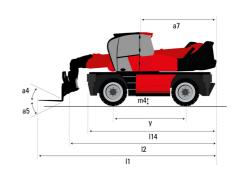


	MRT-X 1645	MRT-x 1645 Created on July 28, 2025 at 10:05 PM UTC	
Capacities		Metric	
Max. capacity		4500 kg	
Max. lifting height		15.80 m	
Maximum outreach		13.50 m	
Weight and dimensions		10.55 111	
Overall length (with forks)	l1	7.58 m	
Length to face of forks	12	6.38 m	
Overall width	b1	2.42 m	
Overall 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			
Standard tires		405/70-20	
Drive 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			
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	
		Oil-immersed multi-discs braking on front & rear	
Service brake		axles	
Performances			
Gradeability (laden / unladen)		46.60 % / 50.90 %	
Hydraulics			
Hydraulic pump type		Variable displacement pump	
Hydraulic flow		116 l/min	
nyulaulic llow			
Hydraulic Pressure		275 bar	
		275 bar	
Hydraulic Pressure		275 bar 11 l	
Hydraulic Pressure Tank capacities			
Hydraulic Pressure Tank capacities Engine oil		11	
Hydraulic Pressure Tank capacities Engine oil Fuel tank Noise and vibration		11	
Hydraulic Pressure Tank capacities Engine oil Fuel tank Noise and vibration Noise at driving position (LpA)		11 I 130 I 68 dB	
Hydraulic Pressure Tank capacities Engine oil Fuel tank Noise and vibration Noise at driving position (LpA) Noise to environment (LwA)		11 I 130 I 68 dB 106 dB	
Hydraulic Pressure Tank capacities Engine oil Fuel tank Noise and vibration Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/arms		11 l 130 l 68 dB	
Hydraulic Pressure Tank capacities Engine oil Fuel tank Noise and vibration Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/arms Miscellaneous		11 l 130 l 68 dB 106 dB < 2.50 m/s²	
Hydraulic Pressure Tank capacities Engine oil Fuel tank Noise and vibration Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/arms Miscellaneous Steering wheels (front / rear)		11 I 130 I 68 dB 106 dB < 2.50 m/s ²	
Hydraulic Pressure Tank capacities Engine oil Fuel tank Noise and vibration Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/arms Miscellaneous		11 l 130 l 68 dB 106 dB < 2.50 m/s²	

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

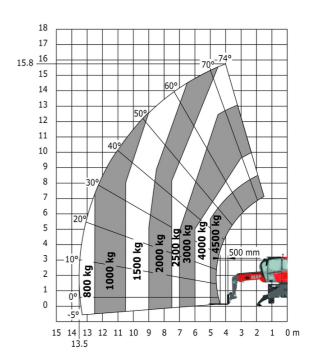
	Metric
114	4.67 m
у	2.43 m
m4	0.37 m
a7	2.50 m
a4	12 °
a5	105 °
l12	4.41 m
Wa1	3.92 m
b7	4.01 m
h17	3.04 m
m5	0.18 m

MRT-X 1645 - Load chart

Machine on tires with forks Metric

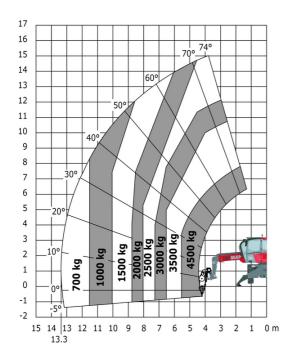
18 17 16 15.6 15 14 13 12 40 10 8 2000 kg 1500 kg 6 1000 kg 5 650 kg 400 kg 300 kg 3 10° 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0 m

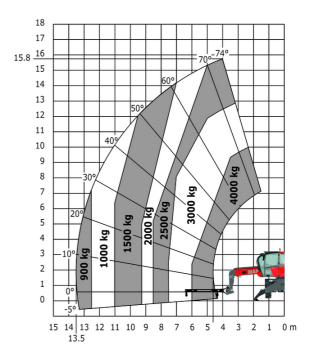
Machine on lowered stabilisers with forks Metric



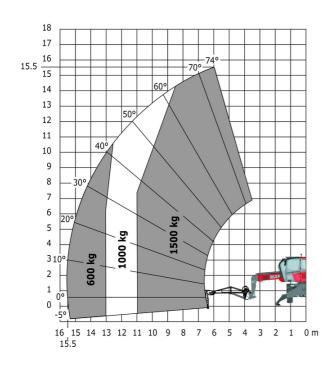
Machine on lowered stabilisers with winch 5000 kg Metric

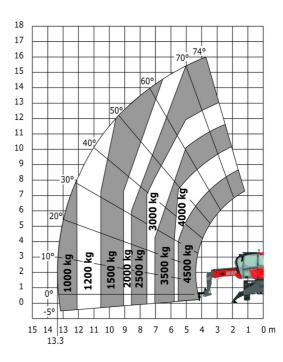
Machine on lowered stabilisers with 4000 kg jib (Metric)



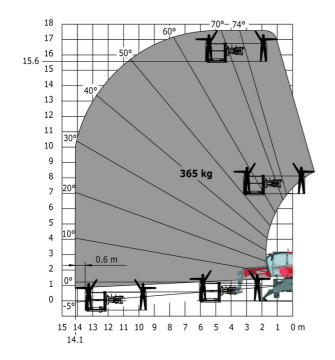


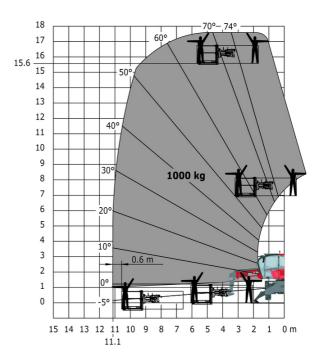
Machine on lowered stabilisers with 1500 kg jib with winch Machine on lowered stabilisers with hook 5000 kg (Metric) (Metric)





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









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