Technical sheet:

MRT 1645 75

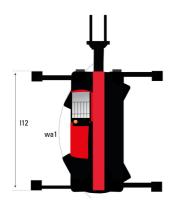
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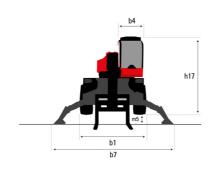


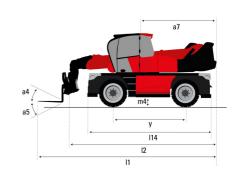


	MRT 1645 75 Created on August 12, 2025 at 2:0	
Capacities	Metric	
Max. capacity	4500 kg	
Max. lifting height	15.80 m	
Maximum outreach	13.50 m	
Veight and dimensions		
Overall length (with forks)	I1 7.58 m	
ength to face of forks	l2 6.38 m	
Overall width	b1 2.42 m	
Overall height	h17 3.04 m	
Overall cab width	b4 0.96 m	
Fround clearance	m4 0.37 m	
Vheelbase	y 2.43 m	
ïlt-up angle	a4 12°	
ilt-down angle	a5 105 °	
Turret rotation	400 °	
Overall weight	13305 kg	
orks length / width / section	I / e / s 1200 mm x 125 mm x 50 mm	
	17 6 / \$ 1200 11111 x 123 11111 x 30 11111	l
Vheels transport transport	405/70.00	
tandard tires	405/70-20	
Irive 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 Simul	taneous
Engine		
ingine brand	Deutz	
ingine norm	Stage V, Tier 4	
ingine model	TCD 3.6 L4	
.C. Engine power rating / Power	75 Hp / 55.40 kW	
Max. torque / Engine rotation (min)	405 Nm @ 1300 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	
2V Battery capacity	120 Ah	
Battery starting current	(EN)850 A	
Fransmission		
ransmission type	Hydrostatic	
lumber of gears (forward / reverse)	2/2	
Max. travel speed	25 km/h	
Prawbar pull	9400 daN	
Parking brake	Automatic negative parking bra	ke
•	Oil-immersed multi-discs braking on fi	
Service brake	axles	ioni a ica
Performances		
Gradeability (laden / unladen)	44.50 % / 44.50 %	
lydraulics		
lydraulic pump type	Variable displacement pump	
lydraulic flow	116 l/min	
lydraulic Pressure	275 bar	
Fank capacities	2.000	
ingine oil	111	
uel tank	130 l	
loise and vibration	130 1	
	68 dB	
loise at driving position (LpA)		
loise to environment (LwA)	104 dB	
fibration on hands/arms	< 2.50 m/s²	
Miscellaneous		
Steering wheels (front / rear)	2/2	
Controls	2 Joysticks	
Cab certification	Cabin ROPS - FOPS level 2	

MRT 1645 75 - Dimensional drawing





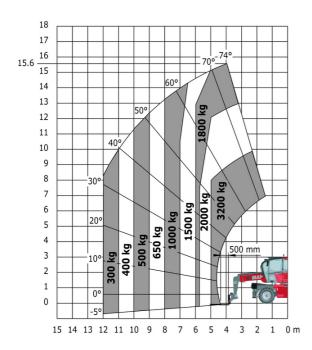


Other data	
Length of frame	
Wheelbase	
Ground clearance	
Counterweight offset (turret at 90°)	
Tilt-up angle	
Tilt-down angle	
Overall length at stabilisers	
External turning radius (over tyres)	
Overall width with stabilisers extended	
Overall height	
Ground clearance under front tires on stabilizers	

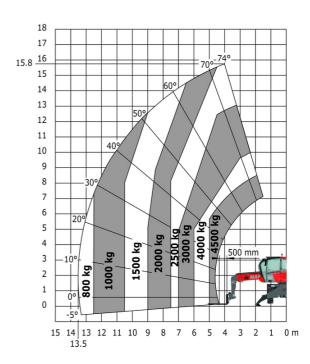
	Metric
l14	4.67 m
у	2.43 m
m4	0.37 m
a7	2.50 m
a4	12 °
a5	105 °
l12	4.41 m
Wa1	3.92 m
b7	4.01 m
h17	3.04 m
m5	0.18 m
a4 a5 l12 Wa1 b7 h17	12 ° 105 ° 4.41 m 3.92 m 4.01 m 3.04 m

MRT 1645 75 - Load chart

Machine on tires with forks Metric

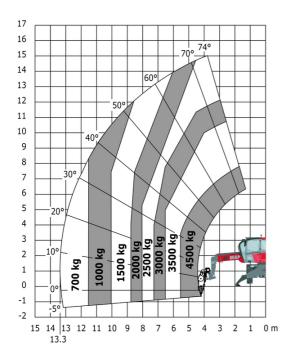


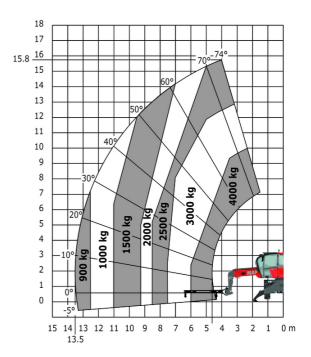
Machine on lowered stabilisers with forks Metric



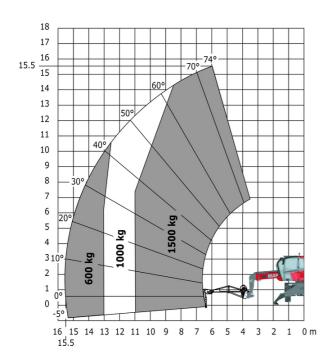
Machine on lowered stabilisers with winch 5000 kg Metric

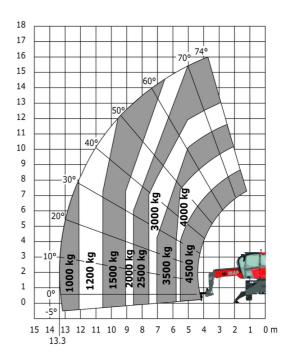
Machine on lowered stabilisers with 4000 kg jib (Metric)



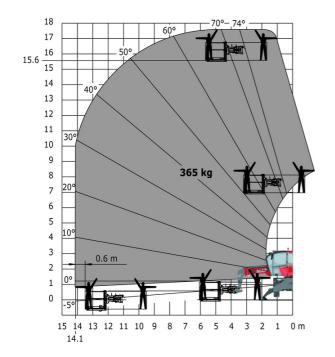


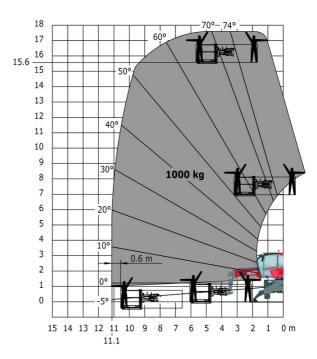
Machine on lowered stabilisers with 1500 kg jib with winch Machine on lowered stabilisers with hook 5000 kg (Metric) (Metric)





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









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