Technical sheet:

MRT 1645 75

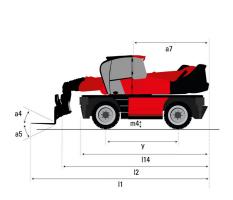
VISION

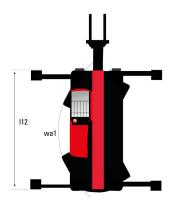


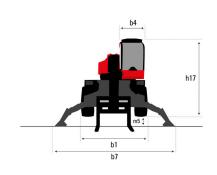


	MKT 1645 75 - Created on Danuary 17, 2022 at 4.49:04 p.m
Capacities	Metric
Max. capacity	4500 kg
Max. lifting height	15.80 m
Max. outreach	r1 13.50 m
Weight and dimensions	
Overall width	b1 2.45 m
Overall height	h17 3.04 m
Overall cab width	b4 0.96 m
Ground clearance	m4 0.37 m
Wheelbase	y 2.43 mm
Tilt-up 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 e 7 \$ 1200 mm x 125 mm x 50 mm
	405/70-20
Standard tyres	
Drive wheels (front / rear)	2/2
Steering mode	2 wheel steer, 4 wheel steer, Crab mode
Stabilisers	
Stabs Type	Wing Type
Controls with stabs	Stabs Commands Individual or Simultaneous
Engine	
Engine brand	Deutz
Engine norm	Stage V / Tier 4
Engine model	TCD 3.6 L4
I.C. Engine power rating / Power (kW)	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
Number of batteries / Battery / Batteries capacity	2 x 12 V / 120 Ah
Battery starting current	(EN)850 A
Transmission	
Transmission type	Hydrostatic
Number of gears (forward / reverse)	22
Max. travel speed	25 km/h
Parking brake	Automatic negative parking brake
Service brake	Oil-immersed multi-discs braking on front & rear a
Hydraulics	
Hydraulic pump type	Load sensing pump
Hydraulic flow	116 l/min
Hydraulic Pressure	275 bar
Tank capacities	
Engine oil	111
Hydraulic oil	1441
Fuel tank	130 I
Miscellaneous	
Steering wheels (front / rear)	2/2
Controls	2 Joysticks
Safety cab homologation	ROPS - FOPS cab (level 2)
Attachment recognition system (E-Reco)	Standard
Attachment recognition system (E-reco)	Stanuaru

MRT 1645 75 - Dimensional drawing





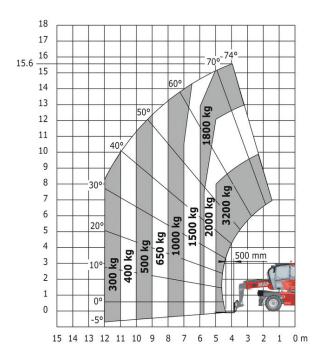


Other data
Overall length (with forks)
Length to face of forks
Length of frame
Wheelbase
Ground clearance
Counterweight offset (turret at 90°)
Tilt-up angle
Tilt-down angle
Overall length at stabilisers
External turning radius (over tyres)
Overall width
Overall width with stabilisers extended
Overall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

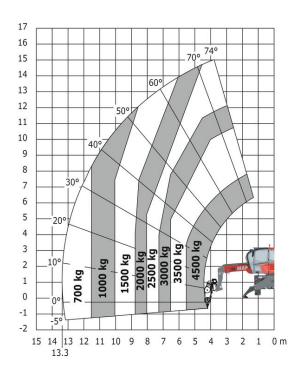
	Metric
l1	7.58 m
12	6.38 m
l14	4.53 m
у	2.43 mm
m4	0.37 m
a7	2.50 m
a4	12 °
a5	105 °
l12	4.41 m
Wa1	3.60 m
b1	2.45 m
b7	4.01 m
b4	0.96 m
h17	3.04 m
m5	0.18 m

MRT 1645 75 - Load chart

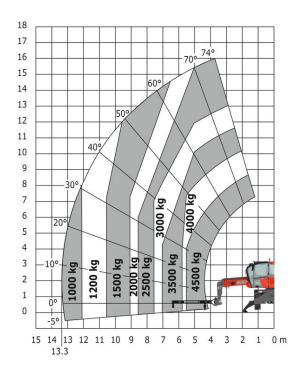
Machine on tyres with forks Metric



Machine on stabilisers with winch 4500 kg (Metric)



Machine on stabilisers with jib hook 4000 kg (Metric)







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