Technical sheet:

MRT 1645 115

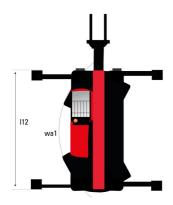
VISION

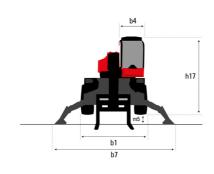


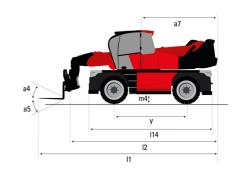


0 19		N. In
Capacities		Metric
fax. capacity		4500 kg
Max. lifting height		15.80 m
fax. outreach		13.50 m
leight and dimensions		
verall length (with forks)	l1	7.58 m
ength to face of forks	12	6.38 m
verall width	b1	2.42 m
verall height	h17	3.04 m
verall cab width	b4	0.96 m
round clearance	m4	0.37 m
/heelbase	у	2.43 m
ilt-up angle	a4	12 °
ilt-down angle	a5	105 °
urret rotation		400 °
verall weight		13305 kg
orks length / width / section	1/e/s	1200 mm x 125 mm x 50 mm
/heels		
tandard tires		405/70-20
rive wheels (front / rear)		2/2
teering mode		2 wheel steer, 4 wheel steer, Crab mode
tabilisers		
tabs Type		Wing Type
ontrols with stabs	S	tabs Commands Individual or Simultaneous
ngine		
ngine brand		Deutz
ngine norm		Stage V / Tier 4
ngine model		TCD 3.6 L4
C. Engine power rating / Power		116 Hp / 85 kW
lax. torque / Engine rotation (min)		460 Nm @ 1600 rpm
lumber of cylinders - Capacity of cylinders		4 - 3620 cm³
ngine cooling system		Water cooled
lectric circuit		water cooled
		2 x 12 V
lumber of batteries / Battery voltage		
2V Battery capacity		120 Ah
attery starting current		(EN)850 A
ransmission		
ransmission type		Hydrostatic
lumber 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 & re- axles
reformances		axies
radeability (laden / unladen)		46.60 % / 50.90 %
		40.00 %/ 30.90 %
ydraulics		Veriable displacement numn
ydraulic pump type		Variable displacement pump
ydraulic flow		116 l/min
ydraulic Pressure		275 bar
ank capacities		
ngine oil		11
ydraulic oil		144 I
uel tank		130 l
iesel Exhaust fluid (AdBlue® type)		11
oise and vibration		
oise at driving position (LpA)		68 dB
oise to environment (LwA)		106 dB
ibration to whole hand/arm		< 2.50 m/s²
liscellaneous		
teering wheels (front / rear)		2/2
ontrols		2 Joysticks
afety cab homologation		ROPS - FOPS level 2 cab
· ·		

MRT 1645 115 - Dimensional drawing





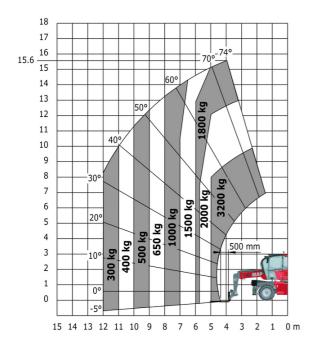


Other data
Length of frame
Wheelbase
Ground clearance
Counterweight offset (turret at 90°)
Tilt-up angle
Tilt-down angle
Overall length at stabilisers
External turning radius (over tyres)
Overall width with stabilisers extended
Overall height
Ground clearance under front tires on stabilizers

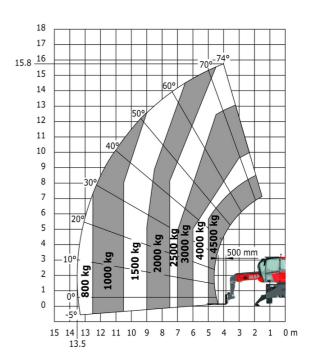
	Metric
l14	4.67 m
у	2.43 m
m4	0.37 m
a7	2.50 m
a4	12 °
a5	105 °
l12	4.41 m
Wa1	3.92 m
b7	4.01 m
h17	3.04 m
m5	0.18 m

MRT 1645 115 - Load chart

Machine on tyres with forks Metric

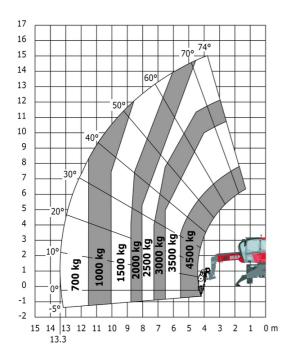


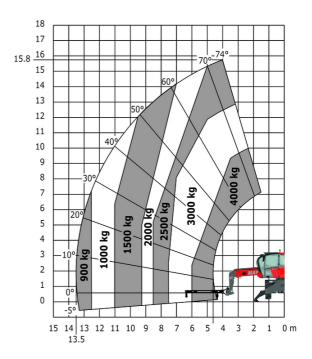
Machine on lowered stabilisers with forks Metric



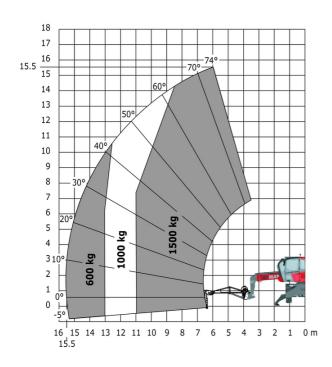
Machine on lowered stabilisers with winch 5000 kg Metric

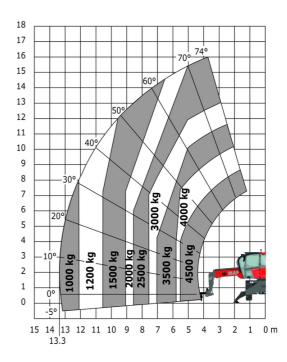
Machine on lowered stabilisers with 4000 kg jib (Metric)



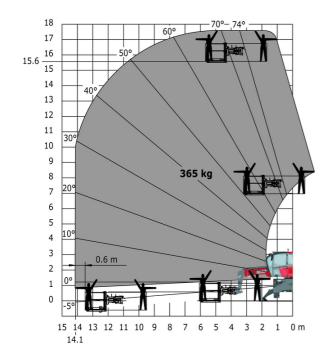


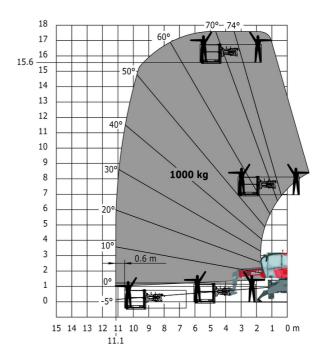
Machine on lowered stabilisers with 1500 kg jib with winch Machine on lowered stabilisers with hook 5000 kg (Metric) (Metric)





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









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