Technical sheet:

MRT 1645 115

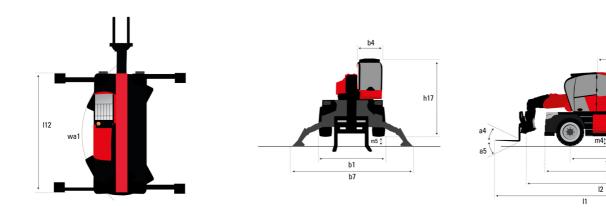
VISION





	MRT 1645 115 Created on July 31, 2025 at 7:18 AM L
Capacities	Metric
Max. capacity	4500 kg
fax. lifting height	15.80 m
aximum outreach	13.50 m
eight 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	y 2.43 m
It-up angle	a4 12°
It-down angle	a5 105 °
urret rotation	400 °
verall weight	13305 kg
•	
orks length / width / section	l / e / s 1200 mm x 125 mm x 50 mm
heels	
andard tires	405/70-20
rive wheels (front / rear)	2/2
teering mode	2 wheel steer, 4 wheel steer, Crab mode
abilisers	
abilizers Type	Wing Type
ontrols with stabs	Stabs 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
ax. torque / Engine rotation (min)	460 Nm @ 1600 rpm
umber of cylinders - Capacity of cylinders	4 - 3620 cm ³
ngine cooling system	Water cooled
lectric circuit	
umber of batteries / Battery voltage	2 x 12 V
2V Battery capacity	120 Ah
attery starting current	(EN)850 A
ransmission	(LII)000 A
ransmission type	Hydrostatic
umber of gears (forward / reverse)	nyuiostatic 2/2
ax. 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
erformances	dvice and the second se
	46 60 W 1 E0 00 W
radeability (laden / unladen)	46.60 % / 50.90 %
ydraulics	Will B. L.
ydraulic pump type	Variable displacement pump
ydraulic flow	116 l/min
ydraulic Pressure	275 bar
nk capacities	
ngine oil	111
el tank	130 l
esel Exhaust fluid (AdBlue® type)	111
pise and vibration	
oise at driving position (LpA)	68 dB
pise to environment (LwA)	106 dB
bration on hands/arms	< 2.50 m/s²
iscellaneous	
teering wheels (front / rear)	2/2
ontrols	2 Joysticks
ab certification	Cabin ROPS - FOPS level 2
	000m No. 0 . 0 . 0 . 0 . 0 . 0 . 0

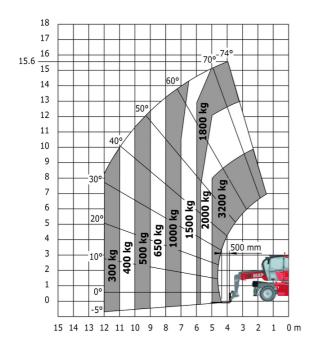
MRT 1645 115 - Dimensional drawing



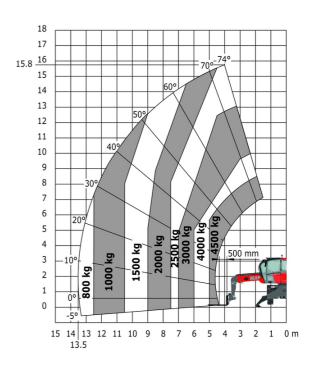
Other data		Metric
Length of frame	l14	4.67 m
Wheelbase	у	2.43 m
Ground clearance	m4	0.37 m
Counterweight offset (turret at 90Ű)	a7	2.50 m
Tilt-up angle	a4	12 °
Tilt-down angle	a5	105 °
Overall length at stabilisers	l12	4.41 m
External turning radius (over tyres)	Wa1	3.92 m
Overall width with stabilisers extended	b7	4.01 m
Overall height	h17	3.04 m
Ground clearance under front tires on stabilizers	m5	0.18 m

MRT 1645 115 - Load chart

Machine on tires with forks Metric

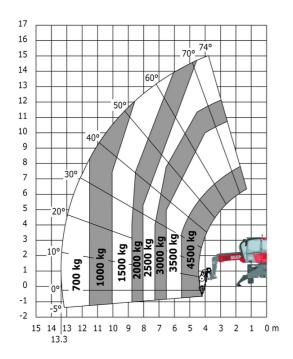


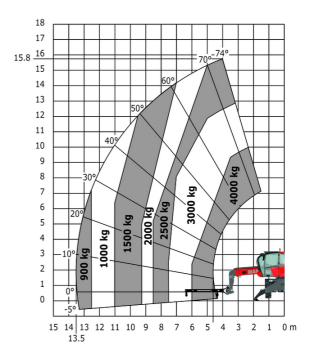
Machine on lowered stabilisers with forks Metric



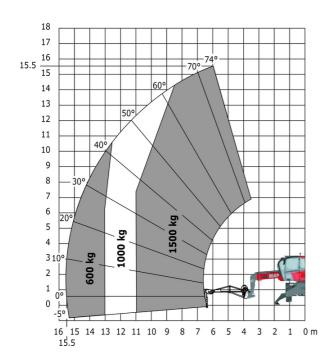
Machine on lowered stabilisers with winch 5000 kg Metric

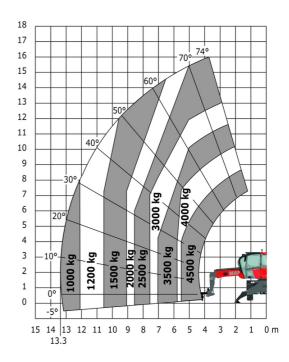
Machine on lowered stabilisers with 4000 kg jib (Metric)



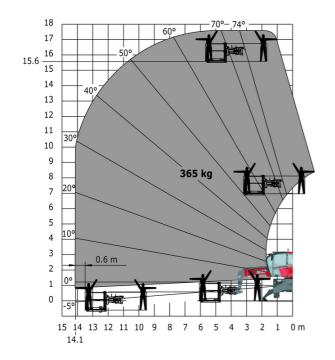


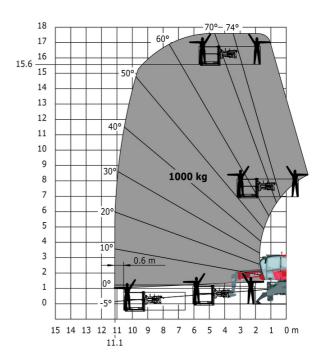
Machine on lowered stabilisers with 1500 kg jib with winch Machine on lowered stabilisers with hook 5000 kg (Metric) (Metric)





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









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