Technical sheet:

## **MRT 1645 115**

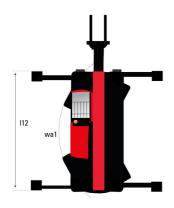
#### **VISION**

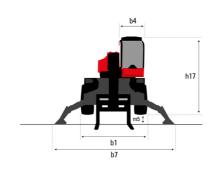


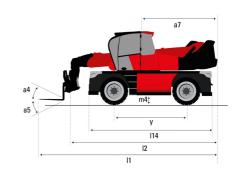


		n 2 May 2024 at 4:41:17 PM I
Capacities		Metric
Max. capacity		4500 kg
lax. lifting height		15.80 m
lax. outreach		13.50 m
leight and dimensions		
verall length (with forks)	l1	7.58 m
ength to face of forks	12	6.38 m
verall width	b1	2.42 m
verall height	h17	3.04 m
verall cab width	b4	0.96 m
round clearance	m4	0.37 m
/heelbase	у	2.43 m
ilt-up angle	a4	12 °
ilt-down angle	a5	105°
•	dS	400 °
urret rotation		
verall weight		13305 kg
orks length / width / section	l/e/s	1200 mm x 125 mm x 50 mm
heels		
tandard tires		405/70-20
rive wheels (front / rear)		2/2
eering mode	2 wh	eel steer, 4 wheel steer, Crab mode
tabilisers		
tabs Type		Wing Type
ontrols with stabs	Stabs C	ommands 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
umber 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
umber of gears (forward / reverse)		2 / 2
lax. travel speed		40 km/h
rawbar pull		9700 daN
arking brake	A	ıtomatic negative parking brake
ervice brake	Oil-imme	rsed multi-discs braking on front & rea
		axles
erformances		
radeability (laden / unladen)		46.60 % / 50.90 %
ydraulics		
ydraulic pump type		Variable displacement pump
ydraulic flow		116 l/min
ydraulic Pressure		275 bar
ank capacities		
ngine oil		11 l
ydraulic oil		144 I
uel tank		130
iesel Exhaust fluid (AdBlue® type)		11
oise and vibration		.11
		60 dD
oise at driving position (LpA)		68 dB
oise to environment (LwA)		106 dB
ibration to whole hand/arm		< 2.50 m/s <sup>2</sup>
fiscellaneous		
teering wheels (front / rear)		2/2
ontrols		2 Joysticks
afety cab homologation		ROPS - FOPS level 2 cab
attachment recognition system (E-Reco)		Standard

## MRT 1645 115 - Dimensional drawing





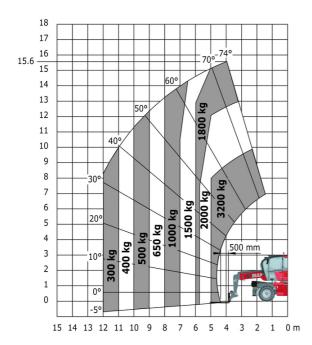


Other data	
Length of frame	
Wheelbase	
Ground clearance	
Counterweight offset (turret at 90°)	
Tilt-up angle	
Tilt-down angle	
Overall length at stabilisers	
External tuming radius (over tyres)	
Overall width with stabilisers extended	
Overall height	
Ground clearance under front tires on stabilizers	

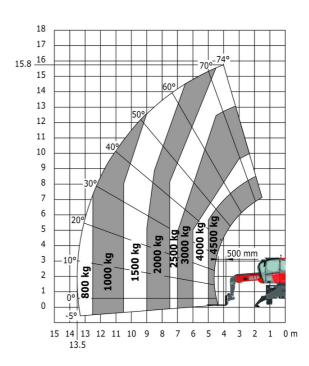
	Metric
l14	4.67 m
у	2.43 m
m4	0.37 m
a7	2.50 m
a4	12 °
a5	105 °
l12	4.41 m
Wa1	3.92 m
b7	4.01 m
h17	3.04 m
m5	0.18 m
a4 a5 l12 Wa1 b7 h17	12 ° 105 ° 4.41 m 3.92 m 4.01 m 3.04 m

### MRT 1645 115 - Load chart

### Machine on tyres with forks Metric

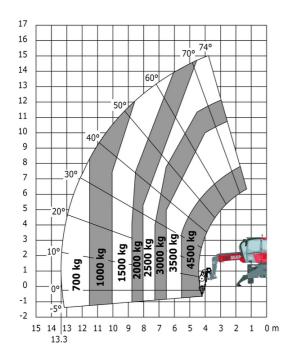


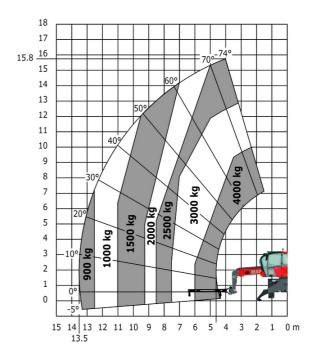
### Machine on lowered stabilisers with forks Metric



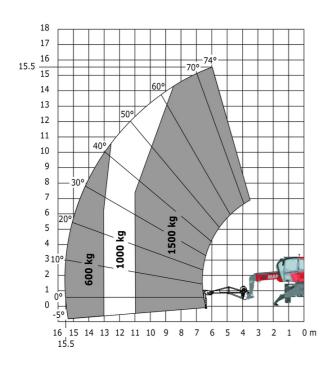
Machine on lowered stabilisers with winch 5000 kg Metric

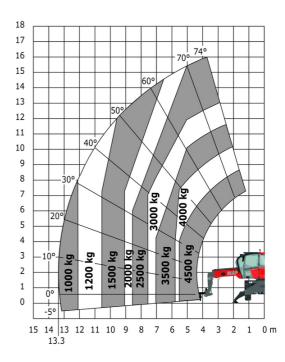
Machine on lowered stabilisers with 4000 kg jib (Metric)



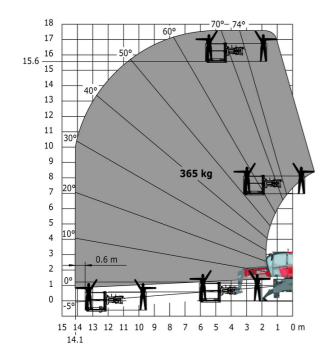


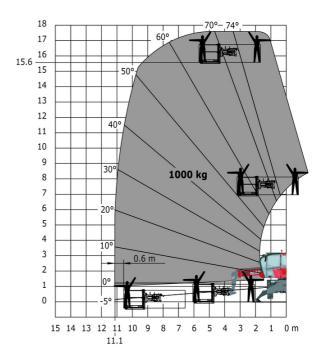
Machine on lowered stabilisers with 1500 kg jib with winch Machine on lowered stabilisers with hook 5000 kg (Metric) (Metric)





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









#### **Head Office**

B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



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