Technical sheet:

# **MRT 1845 115**

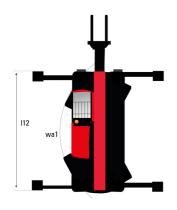
#### **VISION**

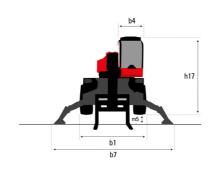


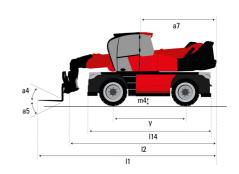


	MRT 1845 115 Created on 26 April 2024 at 5:24:12 PM
Capacities	Metric
lax. capacity	4500 kg
ax. lifting height	18 m
ax. outreach	15.20 m
eight and dimensions	
rerall length (with forks)	I1 7.26 m
ngth to face of forks	12 6.06 m
erall width	b1 2.42 m
verall height	h17 3.04 m
erall cab width	b4 0.96 m
ound clearance	m4 0.37 m
heelbase	y 2.43 m
lt-up angle	a4 10 °
It-down angle	a5 107°
urret rotation / rotation (Max.)	400 ° or 360 °
verall weight	14100 kg
orks length / width / section	I / e / s 1200 mm x 125 mm x 50 mm
heels	
andard tires	405/70-20
ive wheels (front / rear)	2/2
eering mode	
-	2 wheel steer, 4 wheel steer, Crab mode
abilisers	
abs 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 cm³
ngine cooling system	Water cooled
lectric circuit	Water Cooled
	2 x 12 V
umber 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
ax. travel speed	40 km/h
rawbar pull	9700 daN
arking brake	Automatic negative parking brake
•	Oil-immersed multi-discs braking on front & re
ervice brake	axles
erformances	
radeability (laden / unladen)	46.60 % / 50.90 %
ydraulics	
ydraulic pump type	Variable displacement pump
	116 l/min
ydraulic flow	
ydraulic Pressure	275 bar
nk capacities	
ngine oil	111
ydraulic oil	144
uel tank	130
	111
esel Exhaust fluid (AdBlue® type)	
	the state of the s
oise and vibration	68 dB
oise and vibration oise at driving position (LpA)	68 dB
oise and vibration oise at driving position (LpA) oise to environment (LwA)	106 dB
oise and vibration oise at driving position (LpA) oise to environment (LwA) bration to whole hand/arm	
oise and vibration oise at driving position (LpA) oise to environment (LwA) bration to whole hand/arm iscellaneous	106 dB < 2.50 m/s <sup>2</sup>
oise and vibration oise at driving position (LpA) oise to environment (LwA) bration to whole hand/arm iscellaneous eering wheels (front / rear)	106 dB < 2.50 m/s <sup>2</sup>
iesel Exhaust fluid (AdBlue® type)  oise and vibration  oise at driving position (LpA)  oise to environment (LwA)  ibration to whole hand/arm  liscellaneous  teering wheels (front / rear)  ontrols  afety cab homologation	106 dB < 2.50 m/s <sup>2</sup>

## MRT 1845 115 - Dimensional drawing





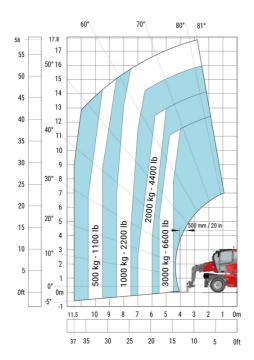


Other data	
Length of frame	
Wheelbase	
Ground clearance	
Counterweight offset (turret at 90°)	
Tilt-up angle	
Tilt-down angle	
Overall length at stabilisers	
External turning radius (over tyres)	
Overall width with stabilisers extended	
Overall height	
Ground clearance under front tires on stabilizers	

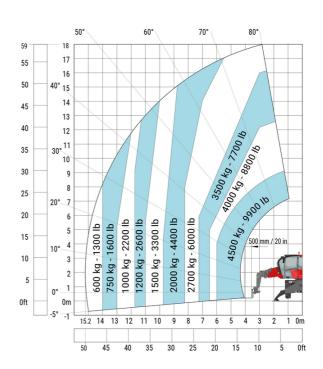
	Metric
	Weuto
l14	4.67 m
у	2.43 m
m4	0.37 m
a7	2.50 m
a4	10 °
a5	107 °
l12	4.41 m
Wa1	3.92 m
b7	4.01 m
h17	3.04 m
m5	0.18 m

#### MRT 1845 115 - Load chart

### Machine on tyres with forks Metric

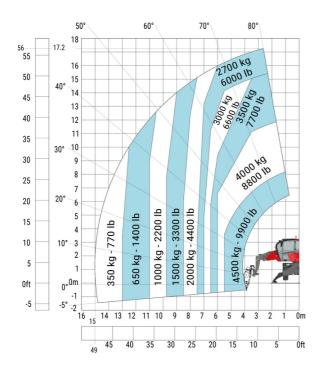


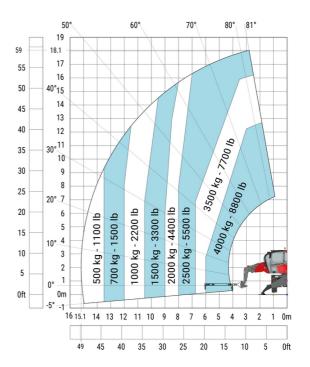
### Machine on lowered stabilisers with forks Metric



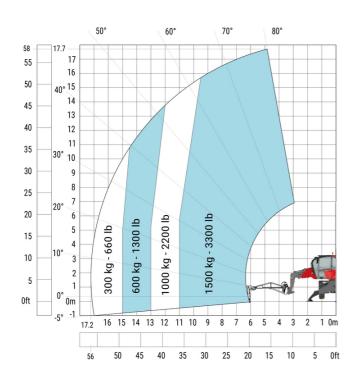
Machine on lowered stabilisers with winch 5000 kg Metric

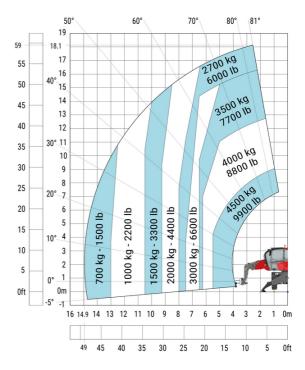
Machine on lowered stabilisers with 4000 kg jib (Metric)



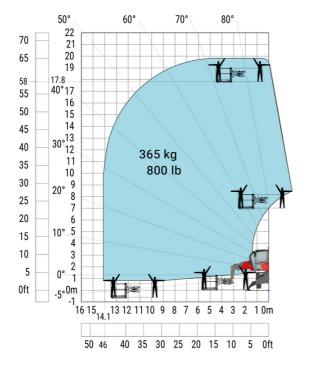


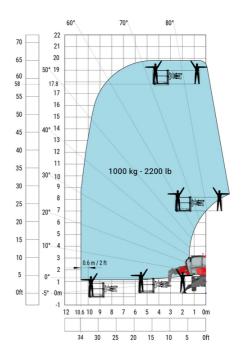
Machine on lowered stabilisers with 1500 kg jib with winch Machine on lowered stabilisers with hook 5000 kg (Metric) (Metric)





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









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