Technical sheet:

# **MRT 1845 115**

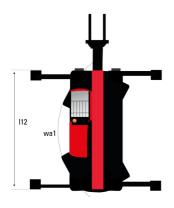
#### **VISION**

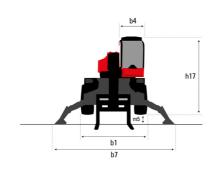


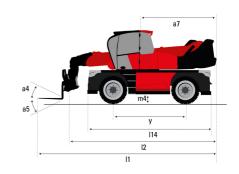


	MRT 1845 115 Created on May 3, 2024 at 10:11:47 AM
Capacities	Metric
Max. capacity	4500 kg
lax. lifting height	18 m
ax. outreach	15.20 m
eight and dimensions	
verall length (with forks)	I1 7.26 m
ength to face of forks	12 6.06 m
•	
verall width	b1 2.42 m
verall height	h17 3.04 m
verall cab width	b4 0.96 m
round clearance	m4 0.37 m
heelbase	y 2.43 m
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	17 C 7 S 1200 Hilli X 120 Hilli X 00 Hilli
	40E/70.20
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	
igine brand	Deutz
igine norm	Stage V / Tier 4
gine 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	
umber of batteries / Battery voltage	2 x 12 V
2V Battery capacity	120 Ah
attery starting current	(EN)850 A
ansmission	
ansmission type	Hydrostatic
	2/2
umber of gears (forward / reverse)	
ax. travel speed	40 km/h
awbar pull	9700 daN
arking brake	Automatic negative parking brake
ervice brake	Oil-immersed multi-discs braking on front & re
	axles
erformances	
radeability (laden / unladen)	46.60 % / 50.90 %
ydraulics	
rdraulic pump type	Variable displacement pump
rdraulic flow	116 l/min
ydraulic Pressure	275 bar
ank capacities	270 301
	111
ngine oil	
rdraulic oil	144
el tank	130
esel Exhaust fluid (AdBlue® type)	111
pise and vibration	
oise at driving position (LpA)	68 dB
pise to environment (LwA)	106 dB
bration to whole hand/arm	< 2.50 m/s²
Diation to whole hally alli	2.00 (1)/0
iscellaneous	2/2
iscellaneous eering wheels (front / rear)	2 / 2
iscellaneous teering wheels (front / rear) ontrols afety cab homologation	2 / 2 2 Joysticks ROPS - FOPS level 2 cab

## MRT 1845 115 - Dimensional drawing







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

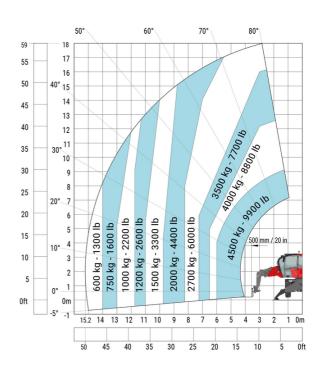
	Metric
l14	4.67 m
у	2.43 m
m4	0.37 m
a7	2.50 m
a4	10 °
a5	107 °
l12	4.41 m
Wa1	3.92 m
b7	4.01 m
h17	3.04 m
m5	0.18 m

### MRT 1845 115 - Load chart

### Machine on tyres with forks Metric

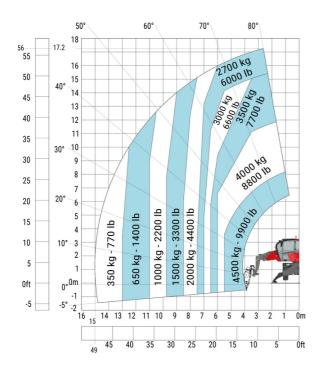
#### 17.8 17 55 50°16 50 15 45 13 40 12 11 35 10 2000 kg - 4400 lb 30 25 20 6 20° 5 1000 kg - 2200 lb 3000 kg - 6600 lb 15 500 kg - 1100 lb 10° 3 10 2 0° 0ft 0m 10 11.5 37 35 30 25 20 15 10

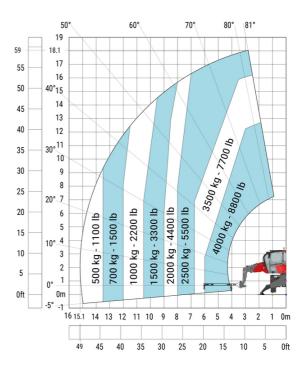
### Machine on lowered stabilisers with forks Metric



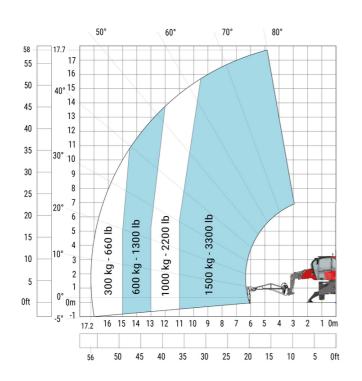
Machine on lowered stabilisers with winch 5000 kg Metric

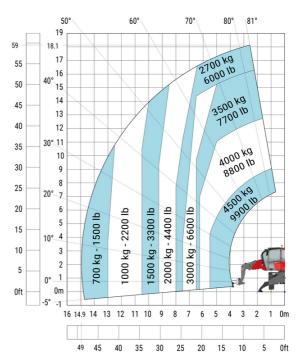
Machine on lowered stabilisers with 4000 kg jib (Metric)



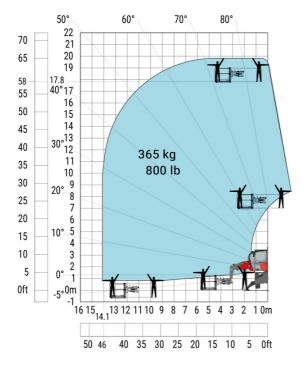


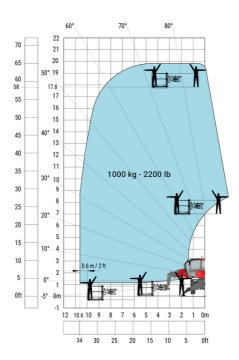
Machine on lowered stabilisers with 1500 kg jib with winch Machine on lowered stabilisers with hook 5000 kg (Metric) (Metric)





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









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