Technical sheet:

## **MRT 1645 115**

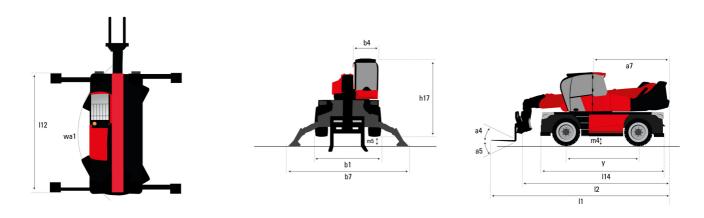
#### **VISION**





	MRT 1645 115 Created on November 1, 2025 at 1:56 A
Capacities	Metric
Max. capacity	4500 kg
Max. lifting height	15.80 m
Maximum outreach	13.50 m
Veight and dimensions	
verall length (with forks)	l1 7.58 m
ength to face of forks	l2 6.38 m
verall width	b1 2.42 m
verall height	h17 3.04 m
Iverall cab width	b4 0.96 m
external turning radius (over tyres)	Wa1 3.92 m
Fround clearance	m4 0.37 m
/heelbase	y 2.43 m
ilt-up angle	a4 12°
ilt-down angle	a5 105 °
	400 °
urret rotation	
overall weight	13305 kg
orks length / width / section	I / e / s 1200 mm x 125 mm x 50 mm
Vheels	
tandard tires	405/70-20
Orive wheels (front / rear)	2/2
Steering mode	2 wheel steer, 4 wheel steer, Crab mod
itabilisers	
tabilizers Type	Wing Type
Controls for stabs	Stabs Commands Individual or Simultane
ingine	
ngine brand	Deutz
ingine norm	Stage V, Tier 4
ngine model	TCD 3.6 L4
ingine power (Hp / kW)	116 Hp / 85 kW
Max. torque / Engine rotation (min)	460 Nm @ 1600 rpm
Number of cylinders - Capacity of cylinders	4 - 3620 cm³
Engine cooling system	Water cooled
Electric circuit	
lumber of batteries / Battery voltage	2 x 12 V
2V Battery capacity	120 Ah
Battery starting current	(EN)850 A
ransmission	
ransmission type	Hydrostatic
lumber of gears (forward / reverse)	2/2
Max. travel speed	40 km/h
rawbar pull	9700 daN
Parking brake	Automatic negative parking brake
	Oil-immersed multi-discs braking on front 8
Service brake	axles
erformances	
radeability (laden / unladen)	46.60 % / 50.90 %
lydraulics	
lydraulic pump type	Variable displacement pump
lydraulic flow	116 l/min
lydraulic Pressure	275 bar
ank capacities	
ngine oil	111
uel	130
iesel Exhaust fluid (AdBlue® type)	111
loise and vibration	
oise at driving position (LpA)	68 dB
loise to environment (LwA)	106 dB
fibration on hands/arms	< 2.50 m/s²
Miscellaneous	* 2.00 mg
Steering wheels (front / rear)	2/2
Controls	2 / Z 2 Joysticks
Cab certification	2 Joysucks  Cabin ROPS - FOPS level 2
Jan Celulicauoli	Cabili Kupa - FUPS level 2

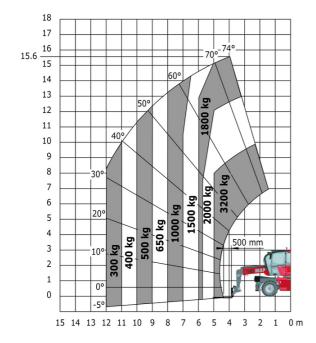
### MRT 1645 115 - Dimensional drawing



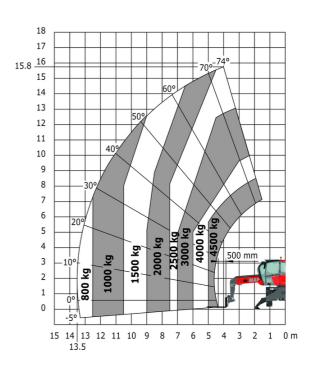
Other data		Metric
Length of frame	114	4.67 m
Wheelbase	у	2.43 m
Ground clearance	m4	0.37 m
Counterweight offset (turret at 90°)	a7	2.50 m
Overall length at stabilisers	l12	4.41 m
Overall width with stabilisers extended	b7	4.01 m
Ground clearance under front tires on stabilizers	m5	0.18 m

#### MRT 1645 115 - Load chart

#### Machine on tires with forks Metric

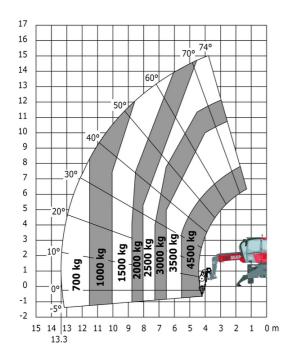


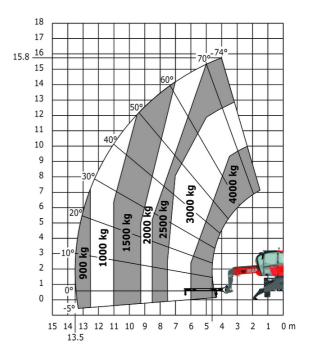
#### Machine on lowered stabilisers with forks Metric



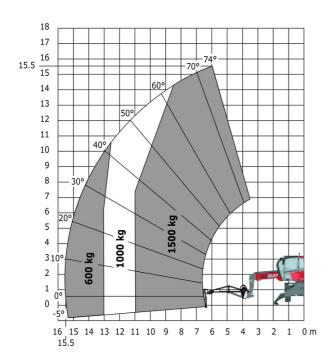
Machine on lowered stabilisers with winch 5000 kg Metric

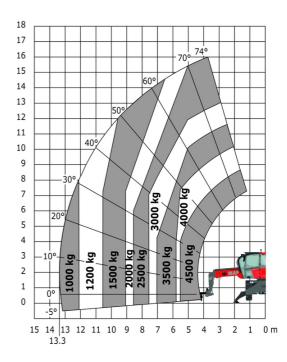
Machine on lowered stabilisers with 4000 kg jib (Metric)



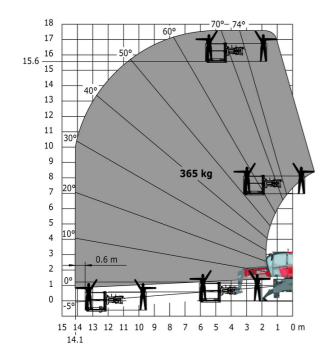


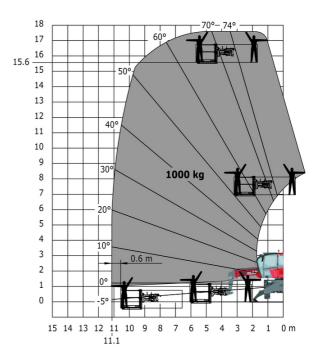
Machine on lowered stabilisers with 1500 kg jib with winch Machine on lowered stabilisers with hook 5000 kg (Metric) (Metric)





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









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