Technical sheet:

MRT 2145 115

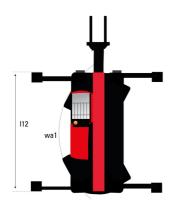
VISION

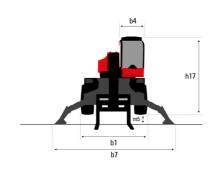




		/ 6, 2024 at 7:34:54 AM L
Capacities		Metric
Max. capacity		4500 kg
fax. lifting height		20.60 m
fax. outreach		18 m
leight and dimensions		
verall length (with forks)	l1	7.93 m
ength to face of forks	12	6.73 m
verall width	b1	2.48 m
verall height	h17	3.04 m
verall cab width	b4	0.96 m
round clearance	m4	0.37 m
/heelbase	у	2.73 m
ilt-up angle	a4	10 °
ilt-down angle	a5	107°
urret rotation / rotation (Max.)		400 ° or 360 °
verall weight		14900 kg
orks length / width / section	I/e/s 1200	mm x 125 mm x 50 mm
/heels		
tandard tires		18-19,5
rive wheels (front / rear)		2 / 2
teering mode	2 whool ste	er, 4 wheel steer, Crab mode
tabilisers	Z WIECE SIG	,ca. steel, orab mode
tabs Type		Spider Type
ontrols with stabs	State Comme	ands Individual or Simultaneous
ngine	Stabs Commit	inus muividual of Simultaneous
ngine ngine brand		Deutz
		Stage V / Tier 4
ngine norm		TCD 3.6 L4
ngine model	1161	
C. Engine power rating / Power / Engine rotation		lp / 85 kW @ 2200 rpm
Max. torque / Engine rotation (min)	4	60 Nm @ 1600 rpm
lumber of cylinders - Capacity of cylinders		4 - 3620 cm ³
ngine cooling system		Water cooled
lectric circuit		
lumber of batteries / Battery voltage		2 x 12 V
2V Battery capacity		120 Ah
lattery starting current		(EN)850 A
ransmission		
ransmission type		Hydrostatic
lumber of gears (forward / reverse)		2/2
fax. travel speed		40 km/h
rawbar pull		9700 daN
arking brake	Automa	tic negative parking brake
ervice brake	Oil-immersed n	nulti-discs braking on front & rea
		axles
lerformances		
radeability (laden / unladen)		48.70 % / 49.80 %
ydraulics		
ydraulic pump type	Varia	ole displacement pump
ydraulic flow		116 l/min
ydraulic Pressure		275 bar
ank capacities		
ngine oil		11
ydraulic oil		150 l
uel tank		133 l
iesel Exhaust fluid (AdBlue® type)		11
oise and vibration		
oise at driving position (LpA)		68 dB
oise to environment (LwA)		106 dB
ibration to whole hand/arm		< 2.50 m/s ²
fiscellaneous		
teering wheels (front / rear)		2 / 2
controls		2 Joysticks
afety cab homologation	DO.	PS - FOPS level 2 cab
Attachment recognition system (E-Reco)	NO	Standard

MRT 2145 115 - Dimensional drawing





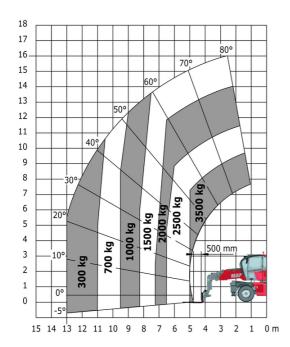


Other data
ength of frame
Vheelbase
Ground clearance
Counterweight offset (turret at 90°)
Tilt-up angle
ïlt-down angle
Overall length at stabilisers
ixternal turning radius (over tyres)
Overall width with stabilisers extended
Overall height
Ground clearance under front tires on stabilizers

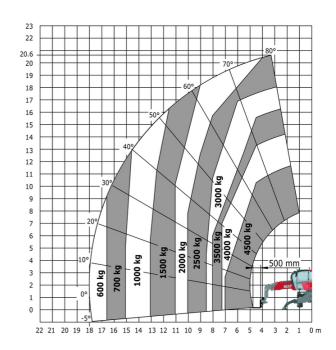
	Metric
l14	4.97 m
у	2.73 m
m4	0.37 m
a7	2.50 m
a4	10 °
a5	107 °
l12	4.71 m
Wa1	4.16 m
b7	4.98 m
h17	3.04 m
m5	0.18 m

MRT 2145 115 - Load chart

Machine on tyres with forks Metric

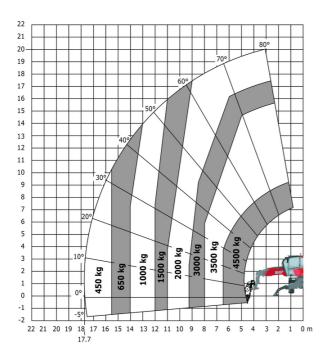


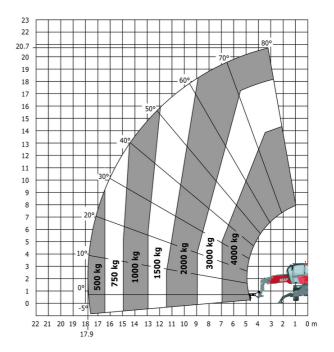
Machine on lowered stabilisers with forks Metric



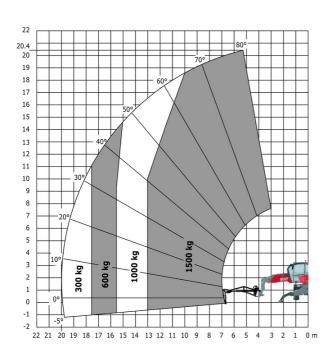
Machine on lowered stabilisers with winch 5000 kg Metric

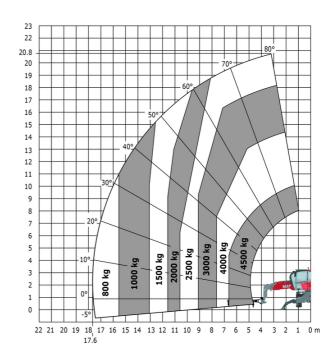
Machine on lowered stabilisers with 4000 kg jib (Metric)



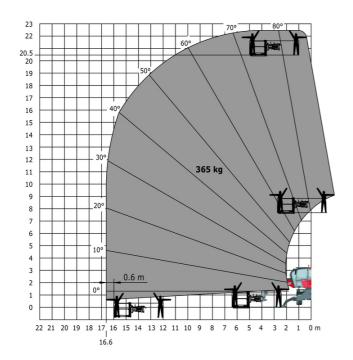


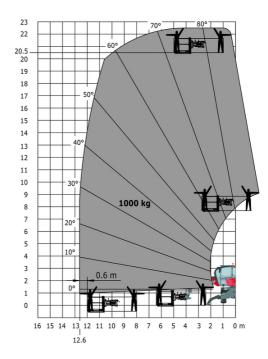
Machine on lowered stabilisers with 1500 kg jib with winch Machine on lowered stabilisers with hook 5000 kg (Metric) (Metric)





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









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