Technical sheet:

# **MRT 2145 115**

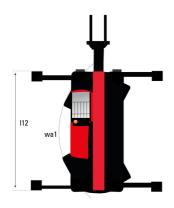
#### **VISION**

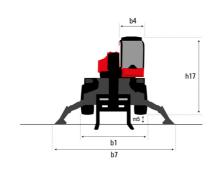


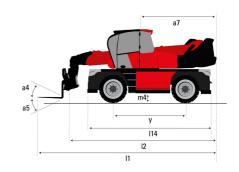


apacities	Metric	
lax. capacity	4500 kg	
ax. lifting height	20.60 m	
ax. outreach	18 m	
eight and dimensions		
verall length (with forks)	l1 7.93 m	
ength to face of forks	l2 6.73 m	
rerall width	b1 2.48 m	
verall height	h17 3.04 m	
verall cab width	b4 0.96 m	
ound clearance	m4 0.37 m	
heelbase	y 2.73 m	
lt-up angle	a4 10 °	
lt-down angle	a5 107°	
urret rotation / rotation (Max.)	400 ° or 400 °	
verall weight	14900 kg	
orks length / width / section	I / e / s 1200 mm x 125 mm x 50	mm
heels	17 67 6	
andard tires	18-19,5	
ive wheels (front / rear)	18-19,5	
· · ·		rob mada
eering mode	2 wheel steer, 4 wheel steer, C	rab mode
abilisers		
abilizers Type	Spider Type	
ontrols with stabs	Stabs Commands Individual or Si	multaneous
igine		
gine brand	Deutz	
gine norm	Stage V / Tier 4	
gine model	TCD 3.6 L4	
C. Engine power rating / Power / Engine rotation	116 Hp / 85 kW @ 2200	rpm
ax. torque / Engine rotation (min)	460 Nm @ 1600 rpm	
umber of cylinders - Capacity of cylinders	4 - 3620 cm³	
ngine cooling system	Water cooled	
ectric circuit		
umber of batteries / Battery voltage	2 x 12 V	
2V Battery capacity	120 Ah	
attery starting current	(EN)850 A	
ansmission	(211)000 /1	
ansmission type	Hydrostatic	
	2 / 2	
Imber of gears (forward / reverse)		
ax. travel speed	40 km/h	
awbar pull	9700 daN	
rking brake	Automatic negative parking	
ervice brake	Oil-immersed multi-discs braking of axles	on front & re
erformances	aviez	
	40.70 % / 40.00 %	
adeability (laden / unladen)	48.70 % / 49.80 %	
draulics		
rdraulic pump type	Variable displacement pr	ımp
rdraulic flow	116 l/min	
draulic Pressure	275 bar	
nk capacities		
gine oil	11	
el tank	133 I	
esel Exhaust fluid (AdBlue® type)	11 I	
ise and vibration		
ise at driving position (LpA)	68 dB	
oise to environment (LwA)	106 dB	
bration on hands/arms	< 2.50 m/s <sup>2</sup>	
iscellaneous	- 2.00 m/s	
eering wheels (front / rear)	2/2	
eering wheels (front / rear) ontrols		
	2 Joysticks	10
afety cab homologation	Cabin ROPS - FOPS leve	1 2

## MRT 2145 115 - Dimensional drawing





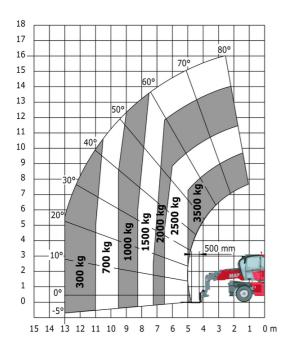


Other data	
Length of frame	
Wheelbase	
Ground clearance	
Counterweight offset (turret at 90°)	
Tilt-up angle	
Tilt-down angle	
Overall length at stabilisers	
External turning radius (over tyres)	
Overall width with stabilisers extended	
Overall height	
Ground clearance under front tires on stabilizers	

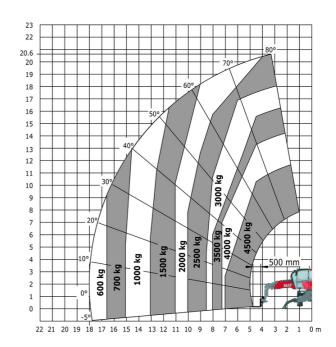
	Metric
l14	4.97 m
у	2.73 m
m4	0.37 m
a7	2.50 m
a4	10 °
a5	107 °
l12	4.71 m
Wa1	4.16 m
b7	4.98 m
h17	3.04 m
m5	0.18 m

### MRT 2145 115 - Load chart

### Machine on tires with forks Metric

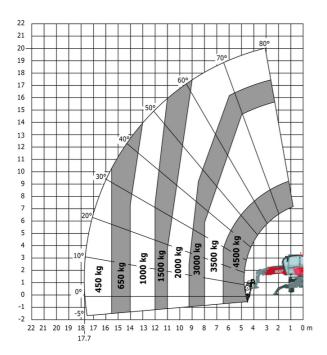


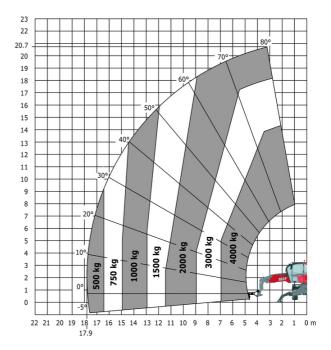
### Machine on lowered stabilisers with forks Metric



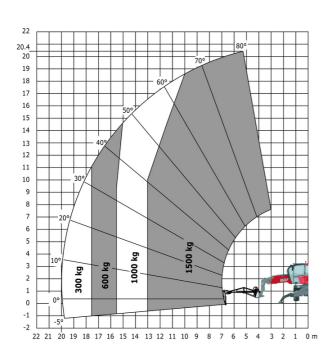
Machine on lowered stabilisers with winch 5000 kg Metric

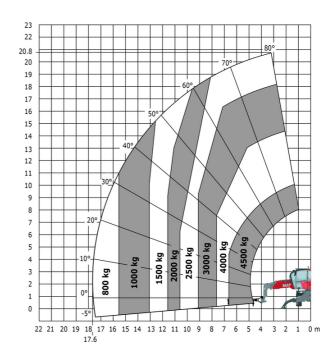
Machine on lowered stabilisers with 4000 kg jib (Metric)



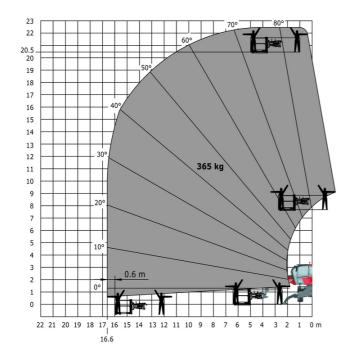


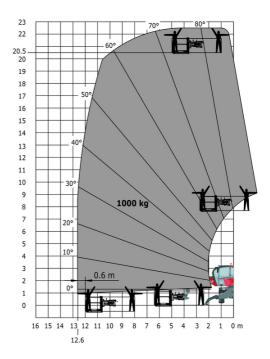
Machine on lowered stabilisers with 1500 kg jib with winch Machine on lowered stabilisers with hook 5000 kg (Metric) (Metric)





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









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