Technical sheet:

# **MRT-X 2145**

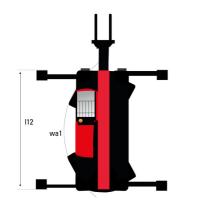
#### **VISION**

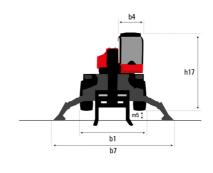


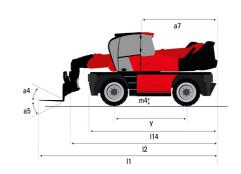


	MRT-X 2145 Created on December 15, 2025 at 8:49 PM
Capacities	Metric
lax. capacity	4500 kg
fax. lifting height	20.60 m
laximum outreach	18 m
leight and dimensions	
verall length (with forks)	l1 7.93 m
ength to face of forks	l2 6.73 m
verall width	b1 2.48 m
verall height	h17 3.04 m
verall cab width	b4 0.96 m
xternal tuming radius (over tyres)	Wa1 4.16 m
round clearance	m4 0.37 m
/heelbase	y 2.73 m
ilt-up angle	a4 10°
ilt-down angle	a5 107 ° 400 °
urret rotation	
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 wheel steer, 4 wheel steer, Crab mode
tabilisers	
tabilizers Type	Spider Type
ontrols for stabs	Stabs Commands Individual or Simultaneo
ngine	
ngine brand	Deutz
ngine norm	Stage IIIA
ngine model	TCD 3.6 L4
ngine power (Hp / kW)	116 Hp / 85 kW
flax. torque / Engine rotation (min)	460 Nm @ 1600 rpm
lumber of cylinders - Capacity of cylinders	4 - 3620 cm <sup>3</sup>
Engine cooling system	Water cooled
Electric circuit	
lumber of batteries / Battery voltage	2 x 12 V
2V Battery capacity	120 Ah
Battery starting current	850 A
ransmission	
ransmission type	Hydrostatic
umber of gears (forward / reverse)	2/2
fax. travel speed	40 km/h
rawbar pull	97000 daN
arking brake	Automatic negative parking brake
	Oil-immersed multi-discs braking on front &
Service brake	axles
Performances	
radeability (laden / unladen)	48.70 % / 49.80 %
ydraulics	
ydraulic pump type	Variable displacement pump
lydraulic flow	116 l/min
ydraulic Pressure	275 bar
ank capacities	
ngine oil	111
uel	133 I
oise and vibration	1351
	d 10
oise at driving position (LpA)	68 dB
oise to environment (LwA)	106 dB
ibration on hands/arms	2.50 m/s²
fiscellaneous	
teering wheels (front / rear)	2/2
Controls	2 Joysticks
Cab certification	Cabin ROPS - FOPS level 2

## MRT-X 2145 - Dimensional drawing





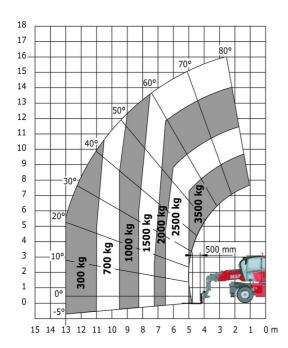


Other data	
Length of frame	
Wheelbase	
Ground clearance	
Counterweight offset (turret at 90°)	
Overall length at stabilisers	
Overall width with stabilisers extended	
Ground clearance under front tires on stabilizers	

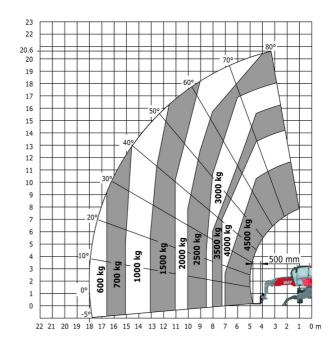
	Metric
l14	4.97 m
у	2.73 m
m4	0.37 m
a7	2.50 m
l12	4.71 m
b7	4.98 m
m5	0.18 m

### MRT-X 2145 - Load chart

### Machine on tires with forks Metric

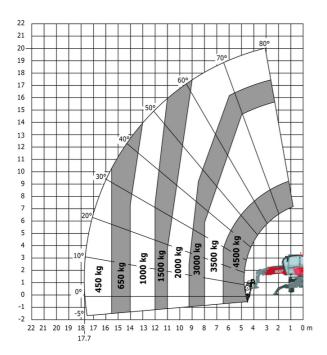


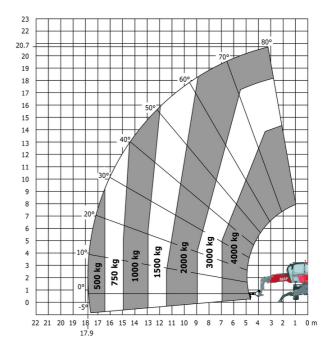
## Machine on lowered stabilisers with forks Metric



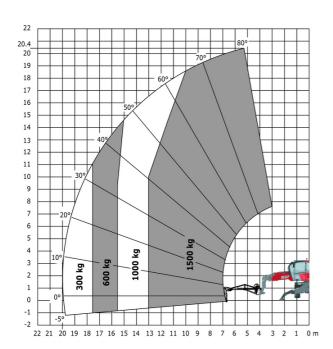
Machine on lowered stabilisers with winch 5000 kg Metric

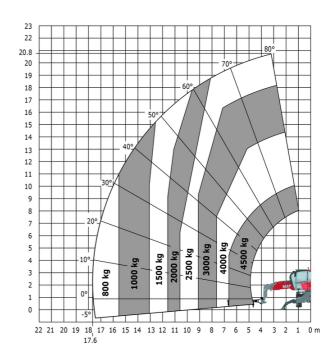
Machine on lowered stabilisers with 4000 kg jib (Metric)



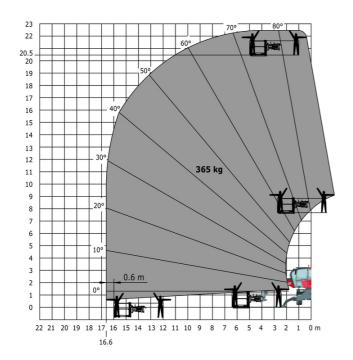


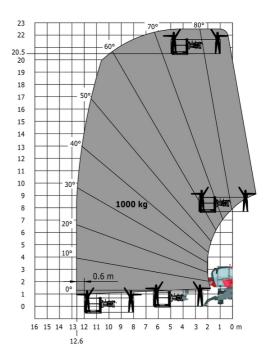
Machine on lowered stabilisers with 1500 kg jib with winch Machine on lowered stabilisers with hook 5000 kg (Metric) (Metric)





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









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