Technical sheet:

# **MRT-X 2145**

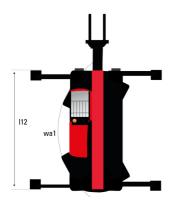
#### **VISION**

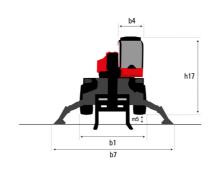


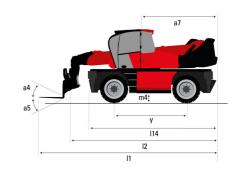


	MRT-X 2145 Created on August 1, 2025 at 6:12 PM L
Capacities	Metric
Max. capacity	4500 kg
Max. lifting height	20.60 m
Maximum outreach	18 m
Veight and dimensions	
Overall length (with forks)	l1 7.93 m
ength to face of forks	12 6.73 m
Iverall width	b1 2.48 m
verall height	h17 3.04 m
verall cab width	b4 0.96 m
round clearance	m4 0.37 m
/heelbase	
ilt-up angle	y 2.73 m 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
Controls with stabs	Stabs Commands Individual or Simultaneous
ingine	
ngine brand	Deutz
ngine norm	Stage IIIA
ngine model	TCD 3.6 L4
C. Engine power rating / Power	116 Hp / 85 kW
Max. torque / Engine rotation (min)	460 Nm @ 1600 rpm
lumber of cylinders - Capacity of cylinders	4 - 3620 cm <sup>3</sup>
ingine 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	(11)00071
ransmission type	Hydrostatic
lumber of gears (forward / reverse)	2/2
fax. travel speed	40 km/h
•	97000 daN
rawbar pull	
Parking brake	Automatic negative parking brake
Service brake	Oil-immersed multi-discs braking on front & rea axles
Performances	unico
Gradeability (laden / unladen)	48.70 % / 49.80 %
ydraulics	40.70 % 7 47.00 %
•	Variable displacement nump
lydraulic pump type	Variable displacement pump
lydraulic flow	116 l/min
ydraulic Pressure	275 bar
ank capacities	
ngine oil	11
uel tank	133
oise and vibration	
oise at driving position (LpA)	68 dB
oise to environment (LwA)	106 dB
ibration on hands/arms	< 2.50 m/s <sup>2</sup>
Aiscellaneous	
Steering wheels (front / rear)	2/2
Controls	2 Joysticks
Cab certification	Cabin ROPS - FOPS level 2
Attachment recognition system (E-Reco)	Standard

## MRT-X 2145 - Dimensional drawing





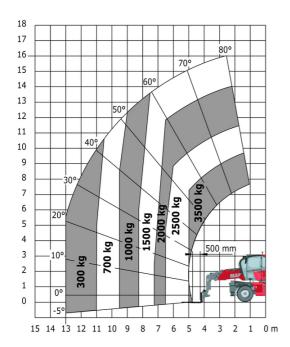


Other data	
Length of frame	
Wheelbase	
Ground clearance	
Counterweight offset (turret at 90Ű)	
Tilt-up angle	
Tilt-down angle	
Overall length at stabilisers	
External turning radius (over tyres)	
Overall width with stabilisers extended	
Overall height	
Ground clearance under front tires on stabilizers	

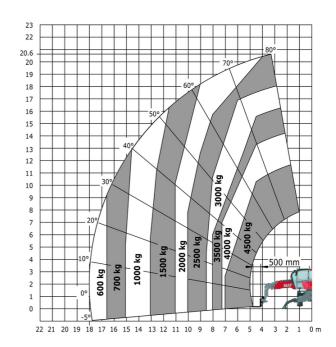
	Metric
l14	4.97 m
у	2.73 m
m4	0.37 m
a7	2.50 m
a4	10 °
a5	107 °
l12	4.71 m
Wa1	4.16 m
b7	4.98 m
h17	3.04 m
m5	0.18 m

MRT-X 2145 - Load chart

### Machine on tires with forks Metric

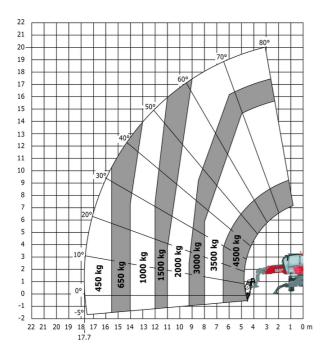


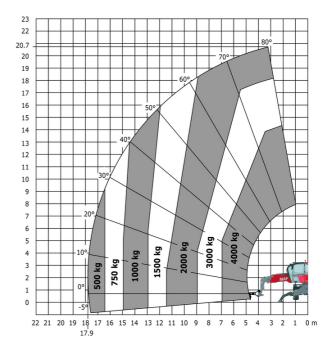
### Machine on lowered stabilisers with forks Metric



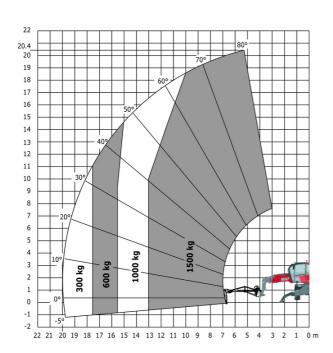
Machine on lowered stabilisers with winch 5000 kg Metric

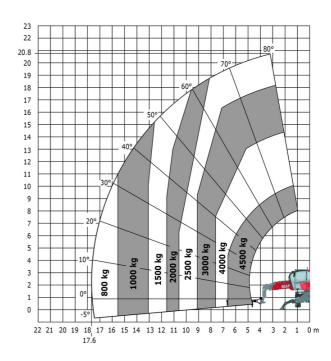
Machine on lowered stabilisers with 4000 kg jib (Metric)



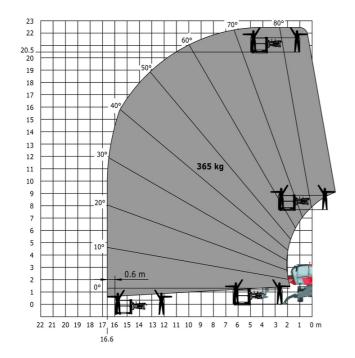


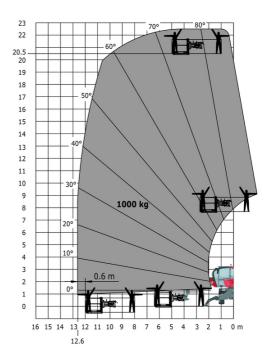
Machine on lowered stabilisers with 1500 kg jib with winch Machine on lowered stabilisers with hook 5000 kg (Metric) (Metric)





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









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