Technical sheet:

MRT-X 2145

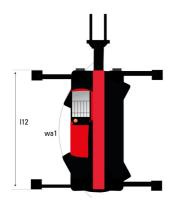
VISION

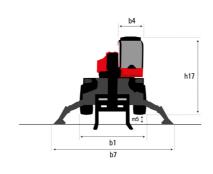


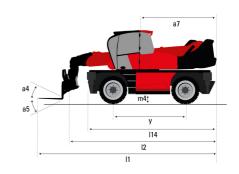


	MRT-x 2145 Created on 19 May 2024 at 3:35:17 AM L
Capacities	Metric
fax. capacity	4500 kg
lax. lifting height	20.60 m
flax. outreach	18 m
/eight and dimensions	
verall length (with forks)	l1 7.93 m
ength to face of forks	12 6.73 m
verall width	b1 2.48 m
verall height	h17 3.04 m
verall cab width	b4 0.96 m
round clearance	m4 0.37 m
/heelbase	y 2.73 m
ilt-up angle	a4 10°
ilt-down angle	a5 107°
urret rotation	400 °
verall weight	14900 kg
orks length / width / section	l / 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	
tabs Type	Spider Type
ontrols with stabs	Stabs Commands Individual or Simultaneous
ngine	
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 cm³
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	
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
ervice brake	Oil-immersed multi-discs braking on front & rea axles
Performances	unies
Gradeability (laden / unladen)	48.70 % / 49.80 %
lydraulics	40.70 %
lydraulic pump type	Variable displacement pump
lydraulic flow	116 l/min
lydraulic Pressure	275 bar
ank capacities	273 001
ngine oil	111
uel tank	133
oise and vibration	100 I
oise at driving position (LpA)	68 dB
oise to environment (LwA)	106 dB
fibration on hands/arms	< 2.50 m/s ²
Aiscellaneous	₹ 2.50 III/5°
teering wheels (front / rear)	2/2
Controls	2 / Z 2 Joysticks
Controls Safety cab homologation	ROPS - FOPS level 2 cab
Attachment recognition system (E-Reco)	Standard

MRT-X 2145 - Dimensional drawing





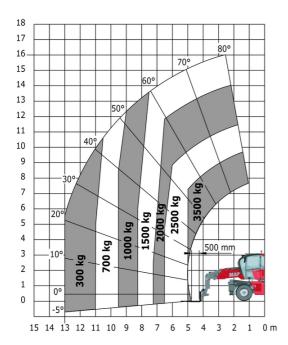


Other data	
Length of frame	
Wheelbase	
Ground clearance	
Counterweight offset (turret at 90°)	
Tilt-up angle	
Tilt-down angle	
Overall length at stabilisers	
External tuming radius (over tyres)	
Overall width with stabilisers extended	
Overall height	
Ground clearance under front tires on stabilizers	

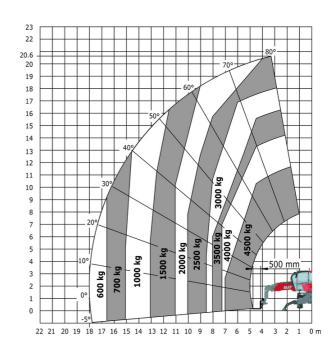
Metric
4.97 m
2.73 m
0.37 m
2.50 m
10 °
107 °
4.71 m
4.16 m
4.98 m
3.04 m
0.18 m

MRT-X 2145 - Load chart

Machine on tyres with forks Metric

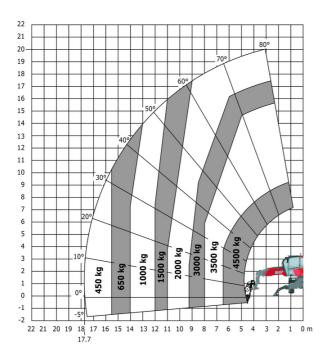


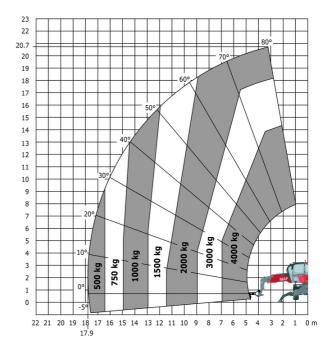
Machine on lowered stabilisers with forks Metric



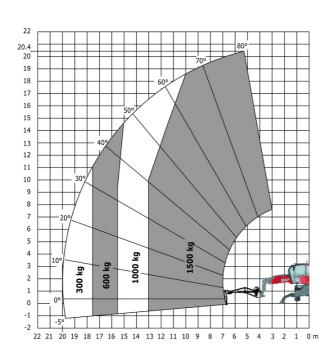
Machine on lowered stabilisers with winch 5000 kg Metric

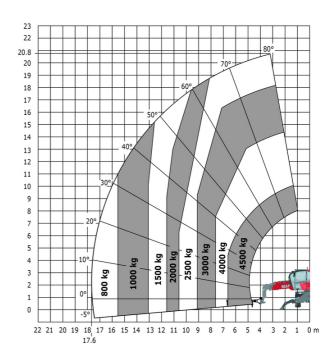
Machine on lowered stabilisers with 4000 kg jib (Metric)



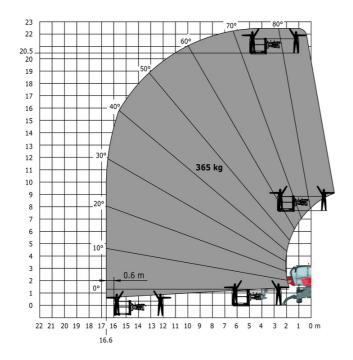


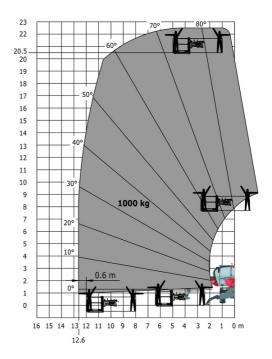
Machine on lowered stabilisers with 1500 kg jib with winch Machine on lowered stabilisers with hook 5000 kg (Metric) (Metric)





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









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