Technical sheet:

# **MRT-X 2145**

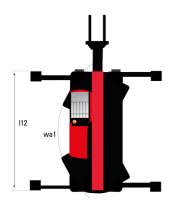
#### **VISION**

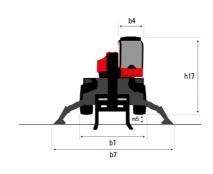


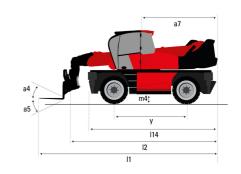


	MRT-X 2145 Created on April 29, 2024 at 6:06:34 PM
Capacities	Metric
fax. capacity	4500 kg
ax. lifting height	20.60 m
ax. outreach	18 m
eight and dimensions	
verall length (with forks)	l1 7.93 m
ength to face of forks	12 6.73 m
verall width	b1 2.48 m
verall height	h17 3.04 m
verall cab width	b4 0.96 m
round clearance	m4 0.37 m
heelbase	y 2.73 m
It-up angle	a4 10 °
It-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	
andard tires	18-19,5
rive wheels (front / rear)	2/2
teering mode	2 wheel steer, 4 wheel steer, Crab mode
abilisers	
abs Type	Spider Type
ontrols with stabs	Stabs Commands Individual or Simultaneou
ngine	
ngine brand	Deutz
ngine norm	Stage IIIA
igine model	TCD 3.6 L4
C. Engine power rating / Power	116 Hp / 85 kW
ax. torque / Engine rotation (min)	460 Nm @ 1600 rpm
umber of cylinders - Capacity of cylinders	4 - 3620 cm <sup>3</sup>
ngine cooling system	Water cooled
lectric circuit	
umber of batteries / Battery voltage	2 x 12 V
2V Battery capacity	120 Ah
attery starting current	(EN)850 A
ansmission	(LN)030 A
	Heles et de
ransmission type	Hydrostatic
umber of gears (forward / reverse)	2/2
ax. travel speed	40 km/h
rawbar pull	97000 daN
rking brake	Automatic negative parking brake
ervice brake	Oil-immersed multi-discs braking on front & axles
of omenous	dxies
erformances	40.70 % 440.00 %
radeability (laden / unladen)	48.70 % / 49.80 %
ydraulics	
ydraulic pump type	Variable displacement pump
ydraulic flow	116 l/min
ydraulic Pressure	275 bar
ınk capacities	
gine oil	11
draulic oil	150 I
el tank	133 I
ise and vibration	
ise at driving position (LpA)	68 dB
pise to environment (LwA)	106 dB
bration to whole hand/arm	< 2.50 m/s²
iscellaneous	
eering wheels (front / rear)	2/2
ontrols	2 Joysticks
afety cab homologation	ROPS - FOPS level 2 cab
arety can nomologation	KUPS - FUPS level 2 Cab

## MRT-X 2145 - Dimensional drawing





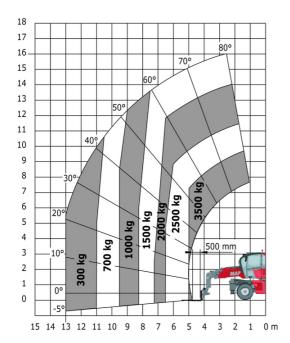


Other data	
Length of frame	
Wheelbase	
Ground clearance	
Counterweight offset (turret at 90°)	
Tilt-up angle	
Tilt-down angle	
Overall length at stabilisers	
External turning radius (over tyres)	
Overall width with stabilisers extended	
Overall height	
Ground clearance under front tires on stabilizers	

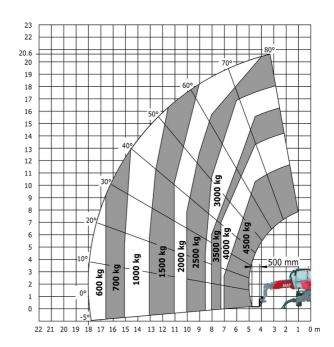
	Metric
	Meuic
l14	4.97 m
у	2.73 m
m4	0.37 m
a7	2.50 m
a4	10 °
a5	107 °
l12	4.71 m
Wa1	4.16 m
b7	4.98 m
h17	3.04 m
m5	0.18 m

### MRT-X 2145 - Load chart

## Machine on tyres with forks Metric

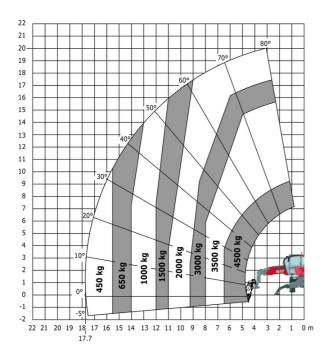


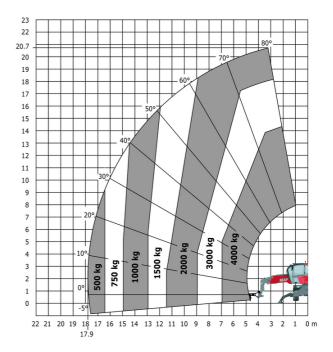
### Machine on lowered stabilisers with forks Metric



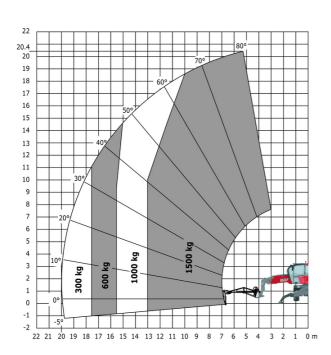
Machine on lowered stabilisers with winch 5000 kg Metric

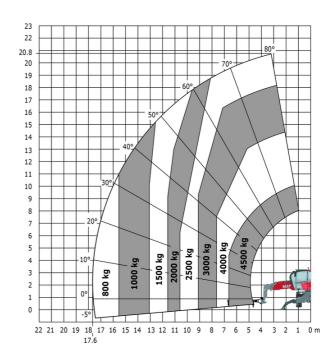
Machine on lowered stabilisers with 4000 kg jib (Metric)



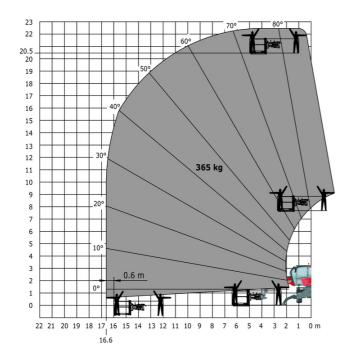


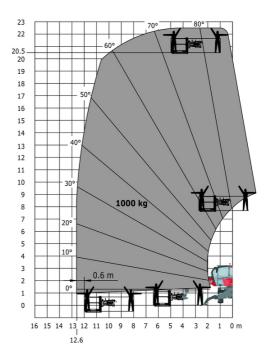
Machine on lowered stabilisers with 1500 kg jib with winch Machine on lowered stabilisers with hook 5000 kg (Metric) (Metric)





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









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