Technical sheet :

MRT-X 2145

VISION





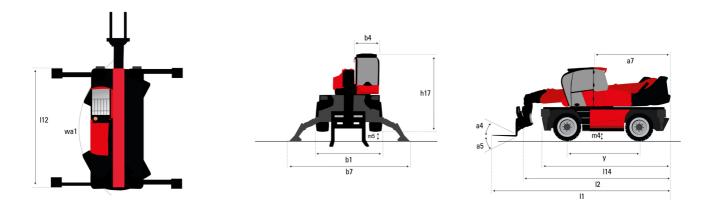
IRT-X 2145	Created on	28 April	2024 at	1:06:18	PM UTC

Metric 4500 kg 20.60 m 18 m

	MRT-X 2145 Created on 28
Capacities	
Max. capacity	
Max. lifting height	
Max. outreach	
Weight and dimensions	
Overall length (with forks)	11
Length to face of forks	12
Overall width	b1
Overall height	h17
Overall cab width	b4
Ground clearance	m4
Wheelbase	
Tilt-up angle	у а4
Tiltdown angle	a5
Turret rotation	
Overall weight	
Forks length / width / section	l/e/s 120
Wheels	
Standard tires	
Drive wheels (front / rear)	
Steering mode	2 wheel s
Stabilisers	
Stabs Type	
Controls with stabs	Stabs Com
Engine	
Engine brand	
Engine norm	
Engine model	
I.C. Engine power rating / Power	
Max. torque / Engine rotation (min)	
Number of cylinders - Capacity of cylinders	
Engine cooling system	
Electric circuit	
Number of batteries / Battery voltage	
12V Battery capacity	
Battery starting current	
Transmission	
Transmission type	
Number of gears (forward / reverse)	
Max. travel speed	
Drawbar pull	
Parking brake	Auton
	Oil-immersed
Service brake	On-minersec
Performances	
Gradeability (laden / unladen)	
Hydraulics	
Hydraulic pump type	Var
Hydraulic flow	Val
Hydraulic Pressure	
Tank capacities	
Engine oil	
Hydraulic oil	
Fuel tank	
Noise and vibration	
Noise at driving position (LpA)	
Noise to environment (LwA)	
Vibration to whole hand/arm	
Miscellaneous	
Miscellaneous	

	ſ
6.73 m	
2.48 m	
3.04 m	
0.96 m	
0.37 m	
2.73 m	
10 °	
107 °	
400 °	
14900 kg	
1200 mm x 125 mm x 50 mm	
18-19,5	
2 / 2	
2 wheel steer, 4 wheel steer, Crab mode	
Spider Type	
Stabs Commands Individual or Simultaneous	
Deutz	1
Stage IIIA	
TCD 3.6 L4	
116 Hp / 85 kW	
460 Nm @ 1600 rpm	
4 - 3620 cm ³	
Water cooled	
	ļ
2 x 12 V	
120 Ah	
(EN)850 A	
Hydrostatic	
2/2	
2 / 2 40 km/h	
2/2	
2 / 2 40 km/h 97000 daN Automatic negative parking brake	
2 / 2 40 km/h 97000 daN	
2 / 2 40 km/h 97000 daN Automatic negative parking brake Oil-immersed multi-discs braking on front & rear axles	
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2 / 2 40 km/h 97000 daN Automatic negative parking brake Oil-immersed multi-discs braking on front & rear axles 48.70 % / 49.80 % Variable displacement pump 116 l/min 275 bar	
2 / 2 40 km/h 97000 daN Automatic negative parking brake Oil-immersed multi-discs braking on front & rear axles 48.70 % / 49.80 % Variable displacement pump 116 l/min	
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2 / 2 40 km/h 97000 daN Automatic negative parking brake Oil-immersed multi-discs braking on front & rear axles 48.70 % / 49.80 % Variable displacement pump 116 l/min 275 bar 111 150 l 133 l 68 dB 106 dB 2 / 2 2 / 2 2 Joysticks	

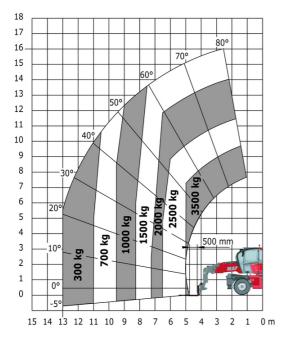
MRT-X 2145 - Dimensional drawing



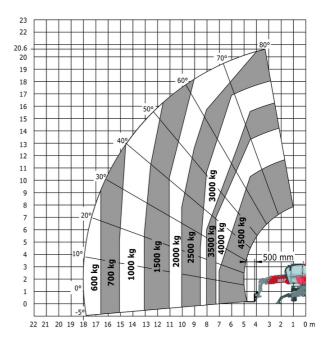
Other data		Metric
Length of frame	114	4.97 m
Wheelbase	у	2.73 m
Ground clearance	m4	0.37 m
Counterweight offset (turret at 90°)	а7	2.50 m
Tilt-up angle	a4	10 °
Tilt-down angle	a5	107 °
Overall length at stabilisers	112	4.71 m
External turning radius (over tyres)	Wa1	4.16 m
Overall width with stabilisers extended	b7	4.98 m
Overall height	h17	3.04 m
Ground clearance under front tires on stabilizers	m5	0.18 m

MRT-X 2145 - Load chart

Machine on tyres with forks Metric

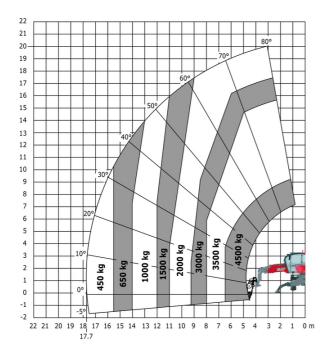


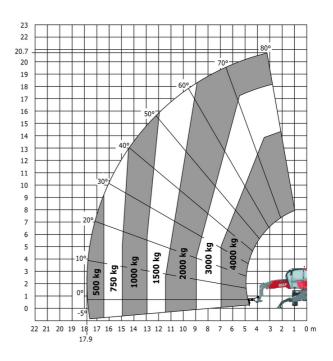
Machine on lowered stabilisers with forks Metric



Machine on lowered stabilisers with winch 5000 kg Metric

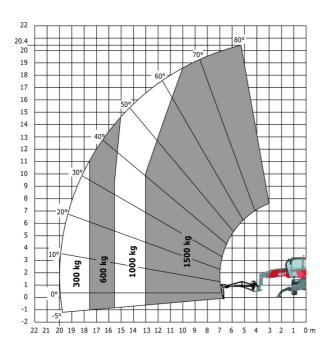
Machine on lowered stabilisers with 4000 kg jib (Metric)

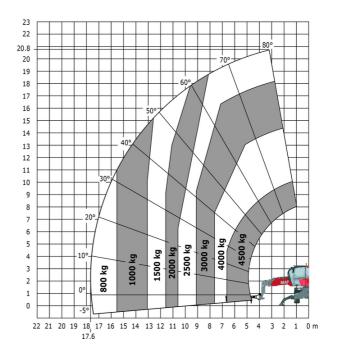




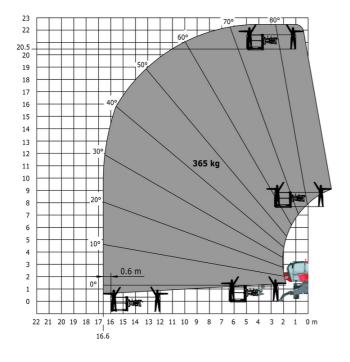
Machine on lowered stabilisers with 1500 kg jib with winch (Metric)

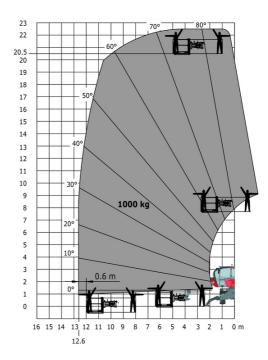
Machine on lowered stabilisers with 1500 kg jib with winch Machine on lowered stabilisers with hook 5000 kg (Metric)





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







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