Technical sheet:

MRT-X 2145

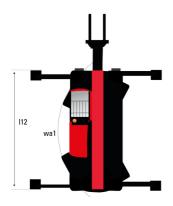
VISION

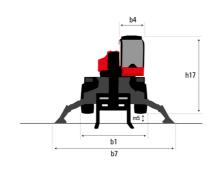


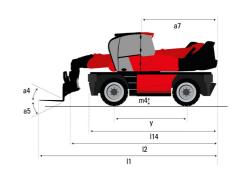


	MRT-X 2145 Created on Septembe	r 11, 2025 at 2:35 PM UT	
Capacities		Metric	
Max. capacity		4500 kg	
Max. lifting height		20.60 m	
Maximum outreach		18 m	
Weight and dimensions			
Overall length (with forks)	l1	7.93 m	
Length to face of forks	12	6.73 m	
Overall width	b1	2.48 m	
Overall height	h17	3.04 m	
Overall cab width	b4	0.96 m	
Ground clearance	m4	0.37 m	
Wheelbase	у	2.73 m	
Tilt-up angle	a4	10 °	
Tilt-down angle	a5	107°	
Turret rotation		400 °	
Overall weight		14900 kg	
Forks length / width / section	I / e / s 1200 mr	n x 125 mm x 50 mm	
Wheels			
Standard tires		18-19,5	
Drive wheels (front / rear)		2/2	
Steering mode	2 wheel steer,	4 wheel steer, Crab mode	
Stabilisers			
Stabilizers Type		Spider Type	
Controls with stabs	Stabs Command	s Individual or Simultaneous	
Engine			
Engine brand		Deutz	
Engine norm		Stage IIIA	
Engine model		TCD 3.6 L4	
I.C. Engine power rating / Power	1	116 Hp / 85 kW	
Max. torque / Engine rotation (min)	460	Nm @ 1600 rpm	
Number of cylinders - Capacity of cylinders	4 - 3620 cm³		
Engine cooling system		Water cooled	
Electric circuit			
Number of batteries / Battery voltage		2 x 12 V	
12V Battery capacity	120 Ah		
Battery starting current		(EN)850 A	
Transmission			
Transmission type		Hydrostatic	
Number of gears (forward / reverse)		2/2	
Max. travel speed		40 km/h	
Drawbar pull	97000 daN		
Parking brake	Automatic negative parking brake		
Service brake	Oil-immersed mul	ti-discs braking on front & rear	
		axles	
Performances			
Gradeability (laden / unladen)	48	.70 % / 49.80 %	
Hydraulics			
Hydraulic pump type	Variable	Variable displacement pump	
Hydraulic flow		116 l/min	
Hydraulic Pressure		275 bar	
Tank capacities			
Engine oil		11	
Fuel tank		133 l	
Noise and vibration			
Noise at driving position (LpA)	68 dB		
Noise to environment (LwA)	106 dB		
Vibration on hands/arms	< 2.50 m/s²		
Miscellaneous			
Steering wheels (front / rear)		2/2	
0		2 Joysticks	
Controls		,	
Controls Cab certification	Cabin	ROPS - FOPS level 2	

MRT-X 2145 - Dimensional drawing





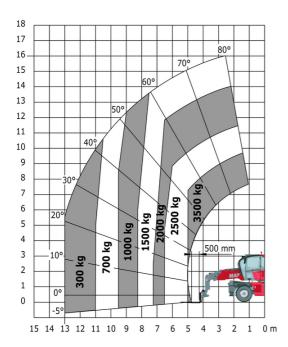


Other data	
Length of frame	
Wheelbase	
Ground clearance	
Counterweight offset (turret at 90°)	
Tilt-up angle	
Tilt-down angle	
Overall length at stabilisers	
External turning radius (over tyres)	
Overall width with stabilisers extended	
Overall height	
Ground clearance under front tires on stabilizers	

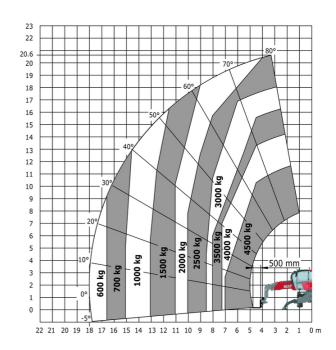
	Metric
	Meuic
l14	4.97 m
у	2.73 m
m4	0.37 m
a7	2.50 m
a4	10 °
a5	107 °
l12	4.71 m
Wa1	4.16 m
b7	4.98 m
h17	3.04 m
m5	0.18 m

MRT-X 2145 - Load chart

Machine on tires with forks Metric

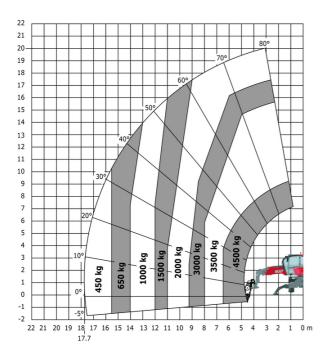


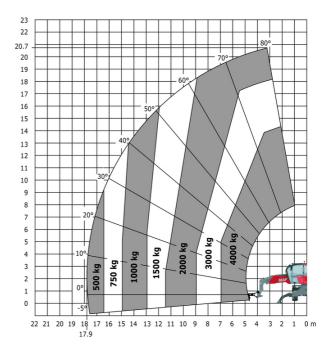
Machine on lowered stabilisers with forks Metric



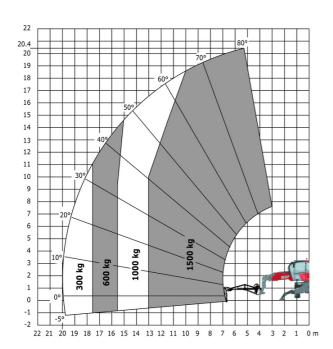
Machine on lowered stabilisers with winch 5000 kg Metric

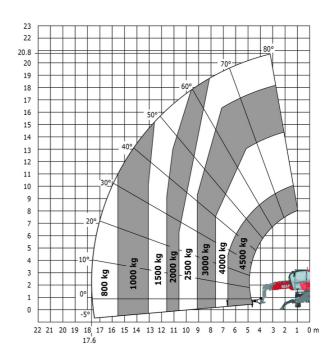
Machine on lowered stabilisers with 4000 kg jib (Metric)



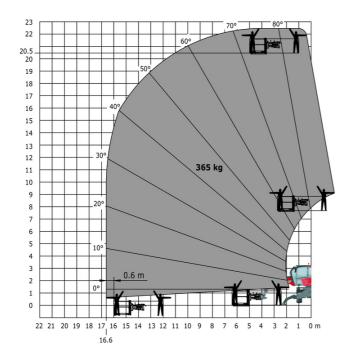


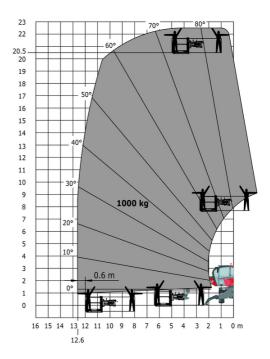
Machine on lowered stabilisers with 1500 kg jib with winch Machine on lowered stabilisers with hook 5000 kg (Metric) (Metric)





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









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