Technical sheet:

MRT-X 3570

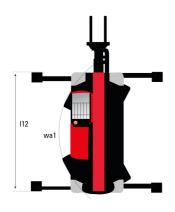
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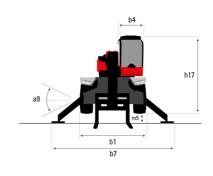


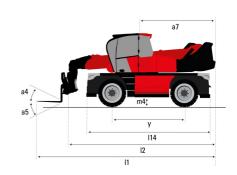


	mrt-x 3570 Created on May 6, 2024 at 12:25	
Capacities		Metric
Max. capacity		7000 kg
Max. lifting height		34.70 m
Max. outreach		28 m
Weight and dimensions		
Overall length (with forks)	l1	10.06 m
Length to face of forks	12	8.86 m
Overall width	b1	2.50 m
Overall height	h17	3.26 m
Overall cab width	b4	0.96 m
Ground clearance	m4	0.44 m
Wheelbase		3.75 m
Tilt-up angle	y a4	13 °
		108 °
Till-down angle	a5	
Turret rotation		360 °
Overall weight	1, ,	23800 kg
Forks length / width / section	l/e/s	1200 mm x 125 mm x 60 mm
Wheels		45.500
Standard tires		17,5-R25
Drive wheels (front / rear)		2 / 2
Steering mode		2 wheel steer, 4 wheel steer, Crab mode
Stabilisers		
Stabs Type		Telescopic Triplex
Controls with stabs		Stabs Commands Individual or Simultaneous
Engine		
Engine brand		Yanmar
Engine norm		Stage IIIA
Engine model		4TN107FTT-6SMU2
I.C. Engine power rating / Power		211 Hp / 155 kW
Max. torque / Engine rotation (min)		805 Nm @ 1500 rpm
Number of cylinders - Capacity of cylinders		4 - 4567 cm ³
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 with CVT
Gearbox		Speedshift
Max. travel speed		40 km/h
Drawbar pull		9300 daN
Parking brake		Automatic negative parking brake
		Oil-immersed multi-discs braking on front & rear
Service brake		axles
Performances		
Gradeability (laden / unladen)		29 % / 38.70 %
Hydraulics		
Hydraulic pump type		Variable displacement pump
Hydraulic flow		185 l/min
Hydraulic Pressure		350 bar
Tank capacities		
Engine oil		13
Hydraulic oil		300 l
Fuel tank		320 l
Noise and vibration		
Noise at driving position (LpA)		68 dB
Noise at driving position (EpA)		
Noise to environment (LwA)		109 dB
		109 dB < 2.60 m/s²
Noise to environment (LwA) Vibration to whole hand/arm		
Noise to environment (LwA) Vibration to whole hand/arm Miscellaneous		< 2.60 m/s²
Noise to environment (LwA) Vibration to whole hand/arm Miscellaneous Steering wheels (front / rear)		< 2.60 m/s² 2 / 2
Noise to environment (LwA) Vibration to whole hand/arm Miscellaneous		< 2.60 m/s²

MRT-X 3570 - Dimensional drawing



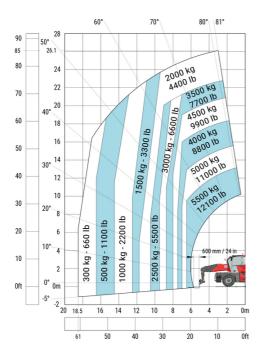




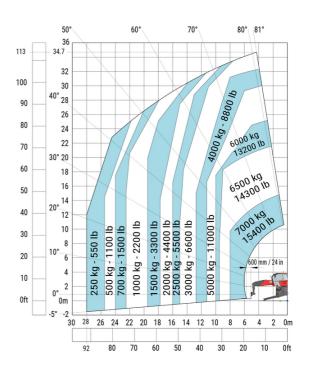
Other data		Metric
Length of frame	114	6.80 m
Wheelbase	у	3.75 m
Ground clearance	m4	0.44 m
Counterweight offset (turret at 90°)	a7	3.75 m
Tilt-up angle	a4	13 °
Tilt-down angle	a5	108 °
Overall length at stabilisers	l12	6.50 m
External turning radius (over tyres)	Wa1	5.06 m
Overall width with stabilisers extended	b7	7.42 m
Overall height	h17	3.26 m
Frame leveling corrector	a9	+/- 8 °
Ground clearance under front tires on stabilizers	m5	0.45 m

MRT-X 3570 - Load chart

Machine on tyres with forks Metric

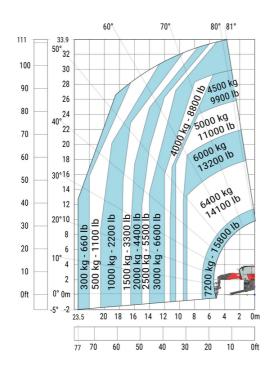


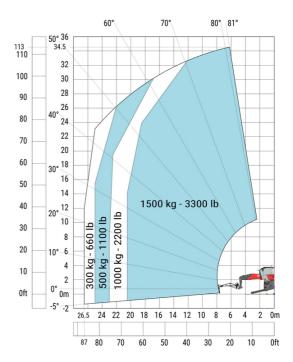
Machine on lowered stabilisers with forks Metric



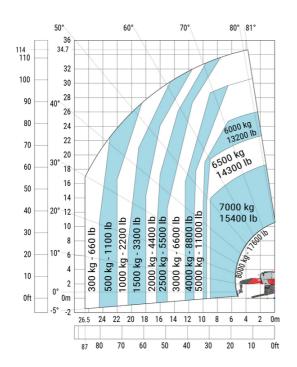
Machine on lowered stabilisers with winch 7200 kg (metric)

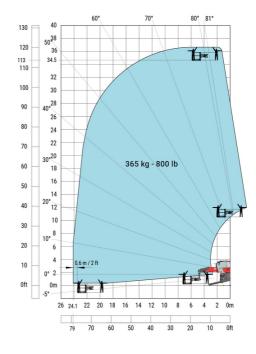
Machine on lowered stabilisers with 1500 kg jib Metric



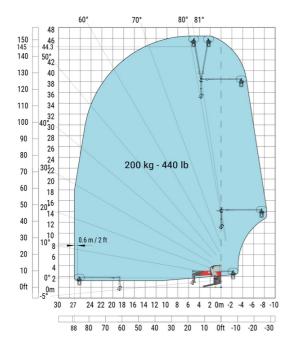


Machine on lowered stabilisers with hook 9000 kg (Metric) Machine on lowered stabilisers with 365 kg platform Metric





Machine on lowered stabilisers with 3D positive Metric







Head Office

B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



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