

Technical sheet :

# MRT-X 3570

**VISION +**



 **MANITOU**  
HANDLING YOUR WORLD

Capacities		Metric
Max. capacity	Q	7000 kg
Max. lifting height		34.70 m
Maximum outreach		28 m
Weight and dimensions		
Overall length (with forks)	l1	10.06 m
Length to face of forks	l2	8.86 m
Overall width	b1	2.50 m
Overall height	h17	3.26 m
Overall cab width	b4	0.96 m
External turning radius (over tyres)	Wa1	5.06 m
Ground clearance	m4	0.44 m
Wheelbase	y	3.75 m
Tilt-up angle	a4	13 °
Tilt-down angle	a5	108 °
Turret rotation		360 °
Overall weight		23800 kg
Forks length / width / section	l / e / s	1200 mm x 125 mm x 60 mm
Wheels		
Standard tires		ASCENSO - WLB550 - 17.5-25
Drive wheels (front / rear)		2 / 2
Steering mode		2 wheel steer, 4 wheel steer, Crab mode
Stabilisers		
Stabilizers Type		Telescopic Triplex
Controls for stabs		Stabs Commands Individual or Simultaneous
Engine		
Engine brand		Yanmar
Engine norm		Stage IIIA
Engine model		4TN107FTT-6SMU2
Engine power (Hp / kW)		211 Hp / 155 kW
Max. torque / Engine rotation (min)		805 Nm @ 1500 rpm
Number of cylinders - Capacity of cylinders		4 - 4567 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 with CVT
Gearbox		Speedshift
Max. travel speed		40 km/h
Drawbar pull		9300 daN
Parking brake		Automatic negative parking brake
Service brake		Oil-immersed multi-discs braking on front & rear axles
Performances		
Gradeability (laden / unladen)		29 % / 38.70 %
Hydraulics		
Hydraulic pump type		Variable displacement pump
Hydraulic flow		172 l/min
Hydraulic Pressure		350 bar
Tank capacities		
Engine oil		13 l
Fuel		320 l
Noise and vibration		
Noise at driving position (LpA)		68 dB
Noise to environment (LwA)		109 dB
Vibration on hands/arms		< 2.60 m/s²
Miscellaneous		
Steering wheels (front / rear)		2 / 2
Controls		2 Joysticks
Cab certification		Cabin ROPS - FOPS level 2
Attachment recognition system (E-Reco)		Standard

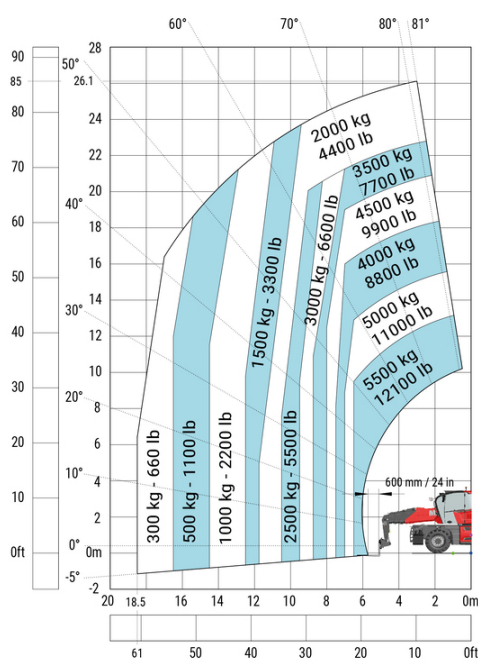
# MRT-X 3570 - Dimensional drawing



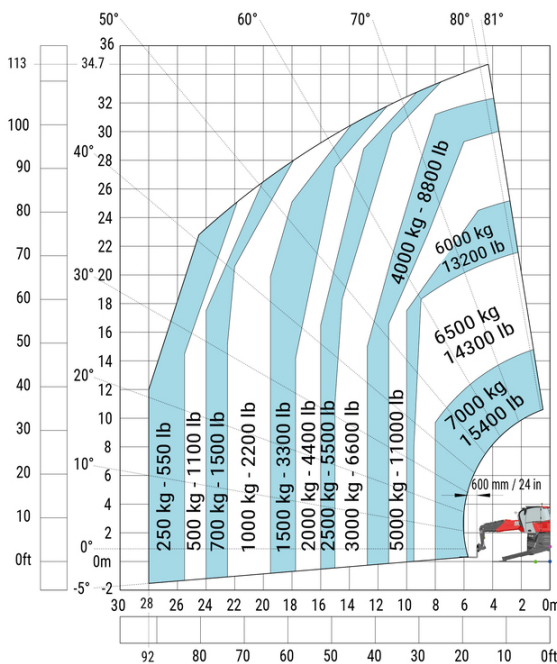
Other data		Metric
Length of frame	l14	6.80 m
Counterweight offset (turret at 90°)	a7	3.75 m
Overall length at stabilisers	l12	6.50 m
Overall width with stabilisers extended	b7	7.42 m
Frame leveling corrector	a9	+/- 8°
Ground clearance under front tires on stabilizers	m5	0.40 m

# MRT-X 3570 - Load chart

Machine on tires with forks Metric



Machine on lowered stabilisers with forks Metric





# Machine on lowered stabilisers with 3D positive Metric



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