

Technical sheet :

MRT 3570 ES

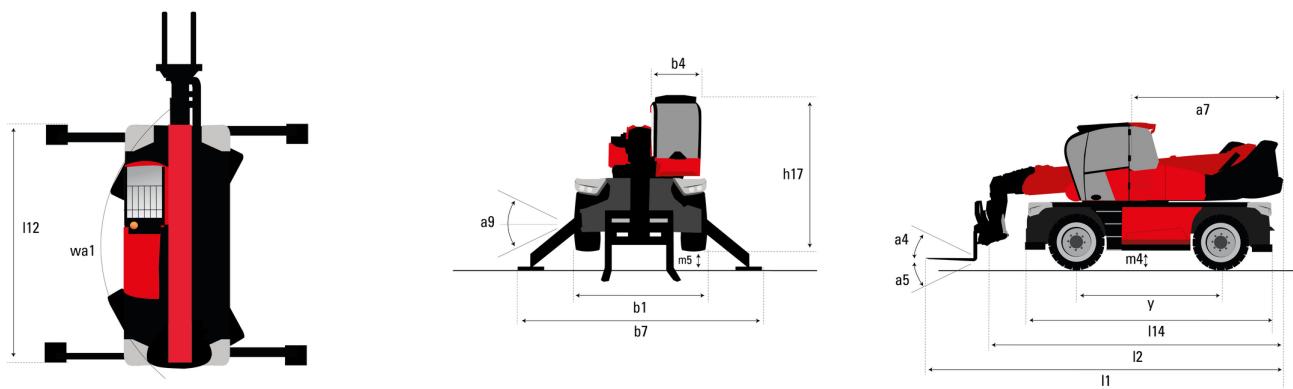
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Capacities		Metric	
Max. capacity		7000 kg	
Max. lifting height		34.70 m	
Maximum outreach		28 m	
Weight and dimensions			
Overall length (with forks)	I1	10.06 m	
Length to face of forks	I2	8.86 m	
Overall width	b1	2.50 m	
Overall height	h17	3.26 m	
Overall cab width	b4	0.96 m	
External turning radius (over tyres)	Wa1	5.16 m	
Ground clearance	m4	0.39 m	
Wheelbase	y	3.75 m	
Frame leveling longitudinal +/-		3 °	
Tilt-up angle	a4	13 °	
Tilt-down angle	a5	108 °	
Turret rotation		360 °	
Overall weight		24000 kg	
Forks length / width / section	I / e / s	1200 mm x 125 mm x 60 mm	
Wheels			
Standard tires		17,5-R25	
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 V, Tier 4	
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		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	
Diesel Exhaust fluid (AdBlue® type)		24 l	
Noise and vibration			
Noise at driving position (LpA)		68 dB	
Noise to environment (LwA)		109 dB	
Vibration on hands/arms		2.50 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	

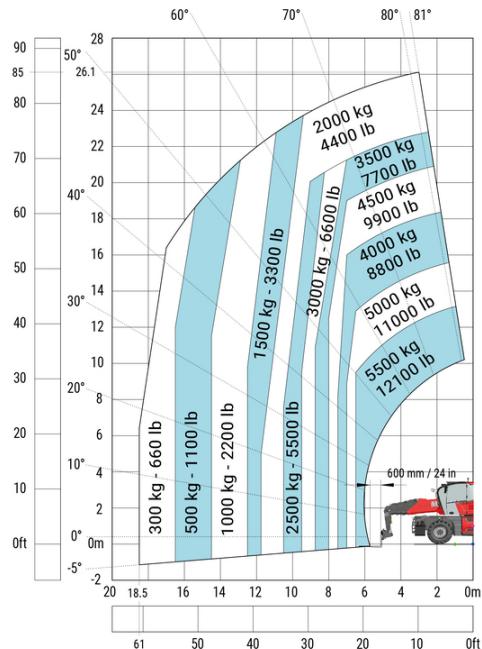
MRT 3570 ES - Dimensional drawing



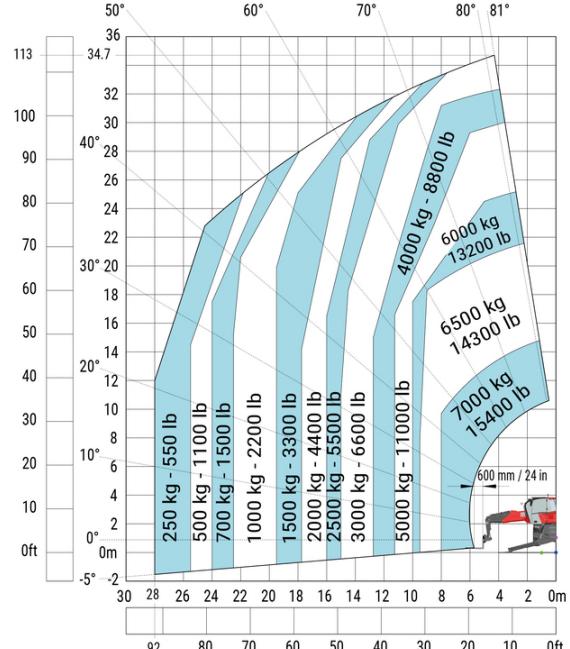
Other data	Metric
Length of frame	6.80 m
Wheelbase	3.75 m
Ground clearance	0.39 m
Counterweight offset (turret at 90°)	3.75 m
Overall length at stabilisers	6.50 m
Overall width with stabilisers extended	7.42 m
Frame leveling corrector	8 °
Ground clearance under front tires on stabilizers	0.37 m

MRT 3570 ES - Load chart

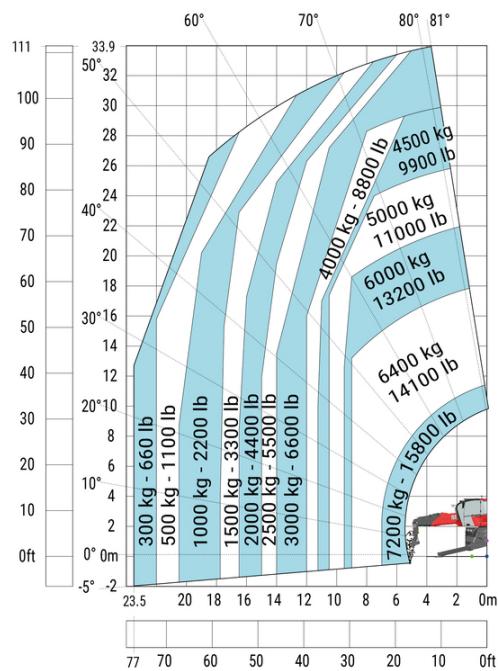
Machine on tires with forks Metric



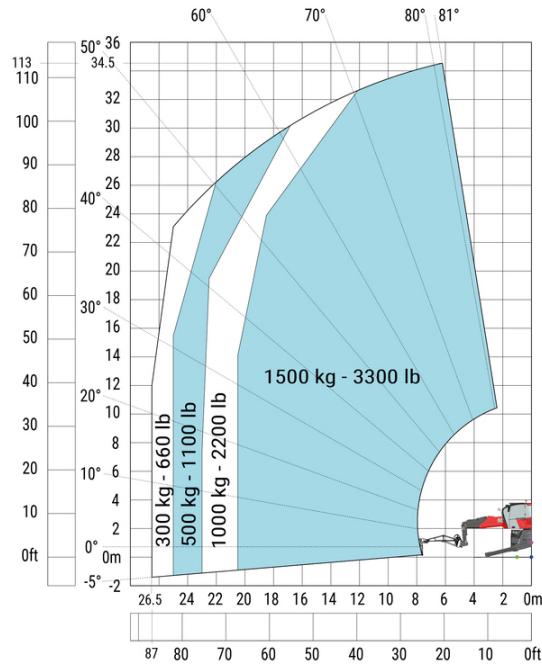
Machine on lowered stabilisers with forks Metric



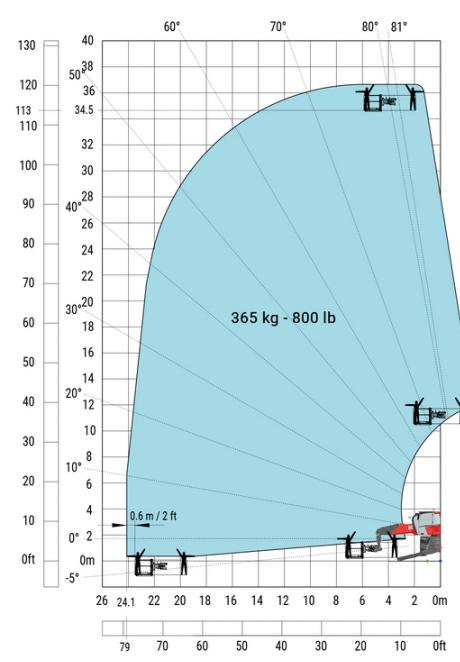
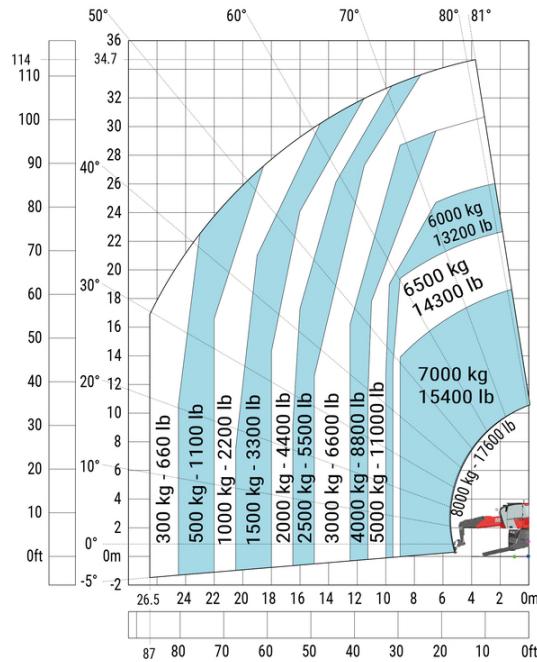
Machine on lowered stabilisers with winch 7200 kg (metric)



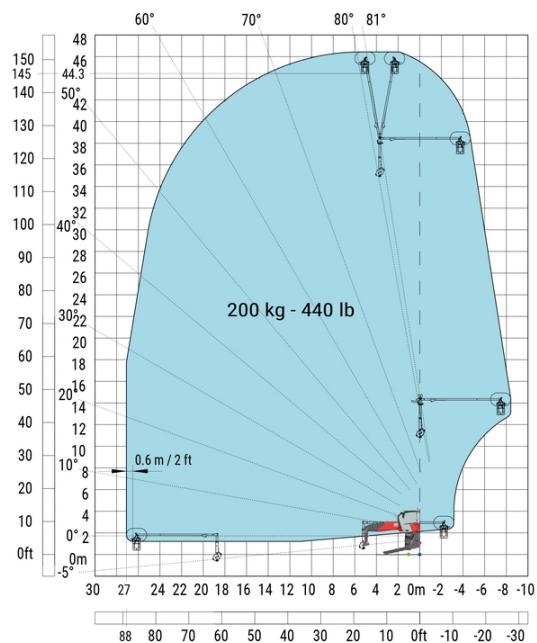
Machine on lowered stabilisers with 1500 kg jib Metric

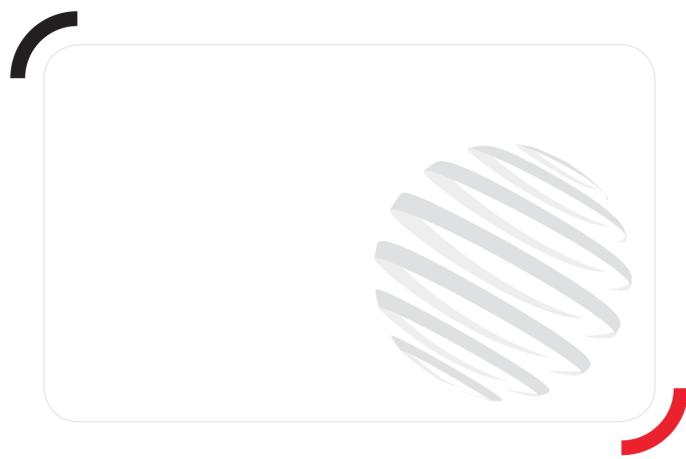


Machine on lowered stabilisers with hook 9000 kg (Metric) Machine on lowered stabilisers with 365 kg platform Metric



Machine on lowered stabilisers with 3D positive Metric



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