Technical sheet:

# **MRT 3570**

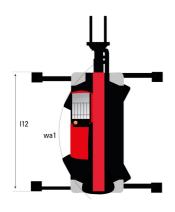
#### **VISION +**

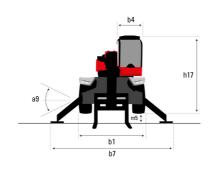


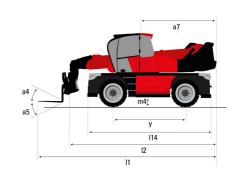


	MRT 3570 Created on May 1, 2024 at 11:10:32 AM
Capacities	Metric
Max. capacity	7000 kg
Max. lifting height	34.70 m
Max. outreach	28 m
Weight and dimensions	
Overall length (with forks)	l1 10.06 m
Length to face of forks	l2 8.86 m
Overall width	b1 2.50 m
Overall height	h17 3.26 m
Overall cab width	b4 0.96 m
Ground clearance	m4 0.36 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	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	
Stabs Type	Telescopic Triplex
Controls with stabs	Stabs Commands Individual or Simultaneo
Engine	
Engine brand	Yanmar
Engine norm	Stage V / Tier 4
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 <sup>3</sup>
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
raiking blake	Oil-immersed multi-discs braking on front &
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	000 541
Engine oil	13
Hydraulic oil	3001
Fuel tank	3001
Diesel Exhaust fluid (AdBlue® type)	241
Noise and vibration	10.10
Noise at driving position (LpA)	68 dB
Noise to environment (LwA)	109 dB
Vibration to whole hand/arm	< 2.50 m/s <sup>2</sup>
Miscellaneous	
Steering wheels (front / rear)	2/2
Controls	2 Joysticks
Safety cab homologation	ROPS - FOPS level 2 cab

## MRT 3570 - Dimensional drawing



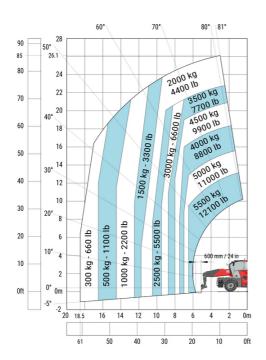




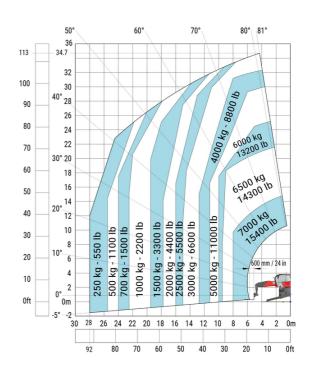
Other data		Metric
Length of frame	114	6.80 m
Wheelbase	у	3.75 m
Ground clearance	m4	0.36 m
Counterweight offset (turret at 90°)	a7	3.75 m
Tilt-up angle	a4	13 °
Tilt-down angle	a5	108 °
Overall length at stabilisers	112	6.50 m
External turning radius (over tyres)	Wa1	5.06 m
Overall width with stabilisers extended	b7	7.42 m
Overall height	h17	3.26 m
Frame leveling corrector	a9	+/- 8 °
Ground clearance under front tires on stabilizers	m5	0.44 m

#### MRT 3570 - Load chart

### Machine on tyres with forks Metric

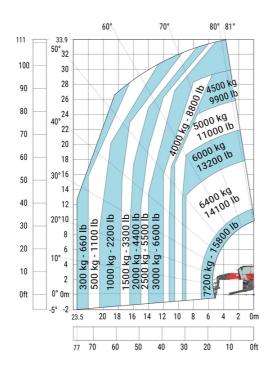


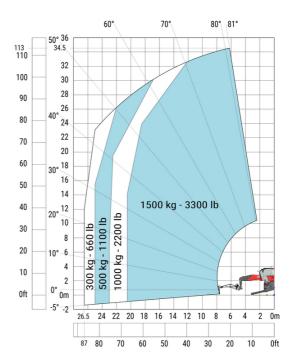
#### Machine on lowered stabilisers with forks Metric



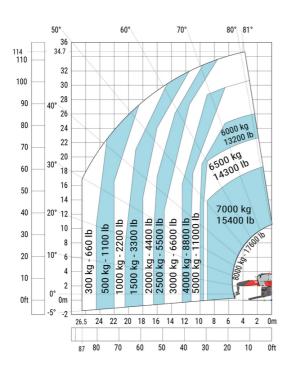
Machine on lowered stabilisers with winch 7200 kg (metric)

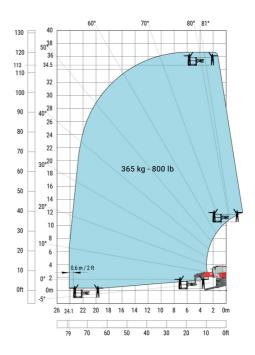
Machine on lowered stabilisers with 1500 kg jib Metric



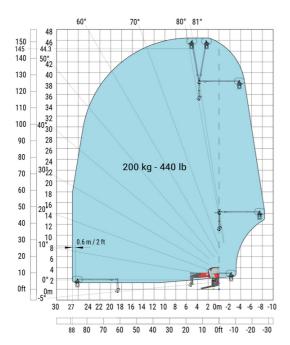


Machine on lowered stabilisers with hook 9000 kg (Metric) Machine on lowered stabilisers with 365 kg platform Metric





# Machine on lowered stabilisers with 3D positive Metric







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