Technical sheet :

# **MRT 3570**

VISION +





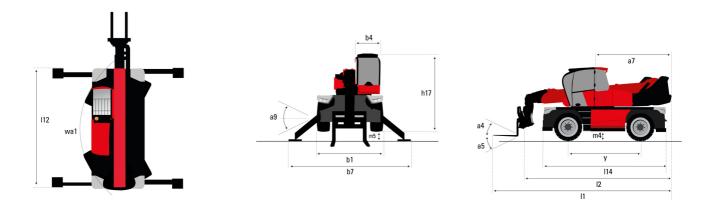
	<b>MRT 3570</b> Created on April 19, 2024 at 9:26:03 PM UI	
Capacities	Metric	l
Max. capacity	7000 kg	1
Max. lifting height	34.70 m	
Max. outreach	28 m	
Weight and dimensions		Į
Overall length (with forks)	l1 10.06 m	1
Length to face of forks	l2 8.86 m	
Overall width	b1 2.50 m	
Overall height	h17 3.26 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	l / e / s 1200 mm x 125 mm x 60 mm	
Wheels		l
Standard tires	17,5-R25	1
Drive wheels (front / rear)	2/2	
Steering mode	2 wheel steer, 4 wheel steer, Crab mode	
Stabilisers		Į
Stabs Type	Telescopic Triplex	1
Controls with stabs	Stabs Commands Individual or Simultaneous	
Engine		l
Engine brand	Yanmar	1
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		l
Number of batteries / Battery voltage	2 x 12 V	1
12V Battery capacity	120 Ah	
Battery starting current	(EN)850 A	
Transmission		l
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		4
Gradeability (laden / unladen)	29 % / 38.70 %	
Hydraulics		
Hydraulic pump type	Variable displacement pump	
Hydraulic flow	185 l/min	
Hydraulic Pressure	350 bar	
Tank capacities		ļ
Engine oil	131	
Hydraulic oil	3001	
Fuel tank	3201	
Diesel Exhaust fluid (AdBlue® type)	241	,
Noise and vibration		ļ
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		ļ
Steering wheels (front / rear)	2/2	
Controls	2 Joysticks	
Safety cab homologation	ROPS - FOPS level 2 cab	
Attachment recognition system (F-Reco)	Standard	

Attachment recognition system (E-Reco)

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Standard

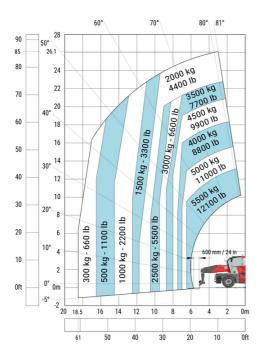
# MRT 3570 - Dimensional drawing



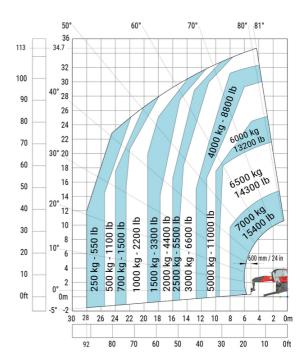
Other data		Metric
Length of frame	114	6.80 m
Wheelbase	у	3.75 m
Ground clearance	m4	0.36 m
Counterweight offset (turret at 90°)	а7	3.75 m
Tilt-up angle	a4	13 °
Tilt-down angle	а5	108 °
Overall length at stabilisers	112	6.50 m
External turning radius (over tyres)	Wa1	5.06 m
Overall width with stabilisers extended	b7	7.42 m
Overall height	h17	3.26 m
Frame leveling corrector	а9	+/- 8 °
Ground clearance under front tires on stabilizers	m5	0.44 m

### MRT 3570 - Load chart

#### Machine on tyres with forks Metric

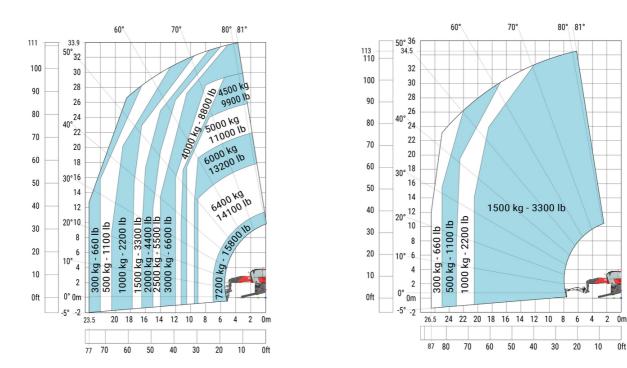


## Machine on lowered stabilisers with forks Metric

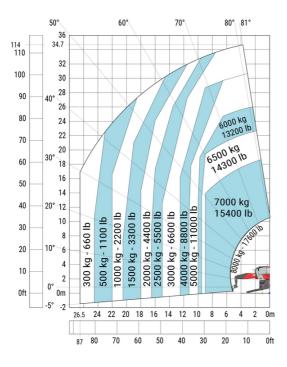


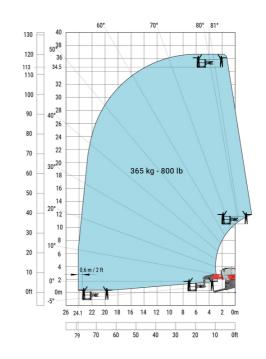
#### Machine on lowered stabilisers with winch 7200 kg (metric)

Machine on lowered stabilisers with 1500 kg jib Metric

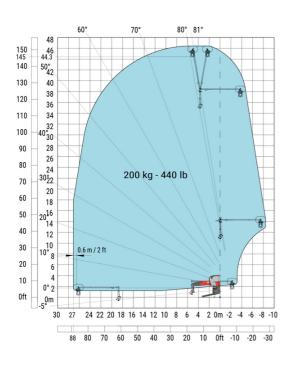


Machine on lowered stabilisers with hook 9000 kg (Metric) Machine on lowered stabilisers with 365 kg platform Metric





# Machine on lowered stabilisers with 3D positive Metric





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