Technical sheet :

# **MRT 3570 ES**

VISION +





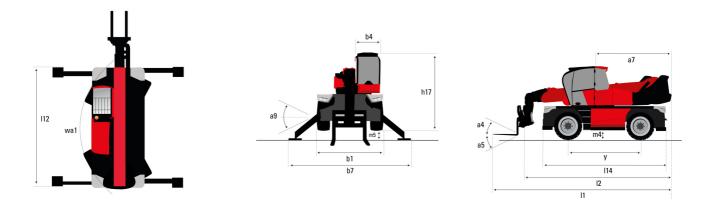
oes Created on December 22, 2024 at 1:25 AM UTC

	MRT 3570 ES Created on December 22, 2024 at 1:25	5 AM UT
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 0.39 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	l / 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 n	node
Stabilisers		
Stabilizers Type	Telescopic Triplex	
Controls with stabs	Stabs Commands Individual or Simulta	aneous
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 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	Hydrootatia with CVT	
Transmission type Gearbox	Hydrostatic with CVT Speedshift	
Max. travel speed	40 km/h	
Drawbar pull	9300 daN	
Parking brake	Automatic negative parking brak	0
Service brake	Oil-immersed multi-discs braking on fro	
	axles	
Performances		
Gradeability (laden / unladen)	29 % / 38.70 %	
Hydraulics	Meislie dienteerenteren	
Hydraulic pump type	Variable displacement pump	
Hydraulic flow	172 l/min	
Hydraulic Pressure	350 bar	
Tank capacities	13	
Engine oil		
Fuel tank Diesel Exhaust fluid (AdBlue® type)	320   24	
Dissel Exhaust fluid (AdBlueA® type) Noise and vibration	Z4 1	
Noise at driving position (LpA)	68 dB	
Noise to environment (LWA)	109 dB	
Vibration on hands/arms	< 2.50 m/s <sup>2</sup>	
Vioration on nands/arms Miscellaneous	< 2.50 M/S <sup>2</sup>	
Steering wheels (front / rear)	2/2	
Controls	2 / 2 2 Joysticks	
Safety cab homologation	Cabin ROPS - FOPS level 2	
Attachment recognition system (E-Reco)	Cabili ROPS - FOPS level 2 Standard	

Attachment recognition system (E-Reco)

- FOPS level 2 Standard

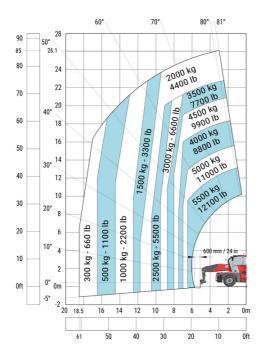
## MRT 3570 ES - Dimensional drawing



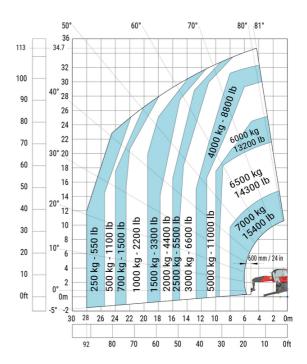
Other data		Metric
Length of frame	114	6.80 m
Wheelbase	у	3.75 m
Ground clearance	m4	0.39 m
Counterweight offset (turret at 90°)	а7	3.75 m
Tilt-up angle	a4	13 °
Tilt-down angle	a5	108 °
Overall length at stabilisers	112	6.50 m
External turning radius (over tyres)	Wa1	5.16 m
Overall width with stabilisers extended	b7	7.42 m
Overall height	h17	3.26 m
Frame leveling corrector	a9	+/- 8 °
Ground clearance under front tires on stabilizers	m5	0.37 m

### MRT 3570 ES - Load chart

#### Machine on tires with forks Metric

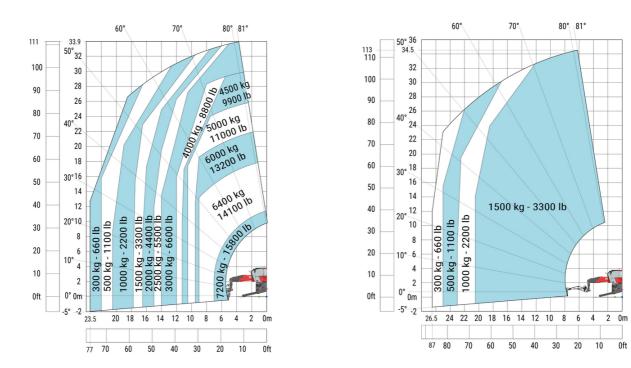


#### Machine on lowered stabilisers with forks Metric

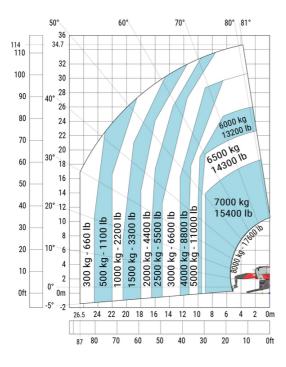


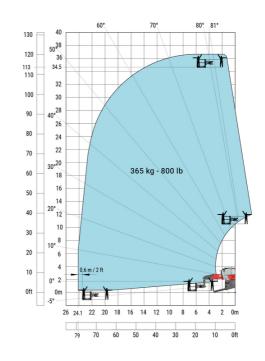
#### Machine on lowered stabilisers with winch 7200 kg (metric)

Machine on lowered stabilisers with 1500 kg jib Metric

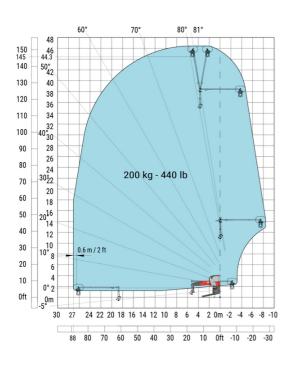


Machine on lowered stabilisers with hook 9000 kg (Metric) Machine on lowered stabilisers with 365 kg platform Metric





# Machine on lowered stabilisers with 3D positive Metric





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