Technical sheet :

MRT 3570 ES

VISION +

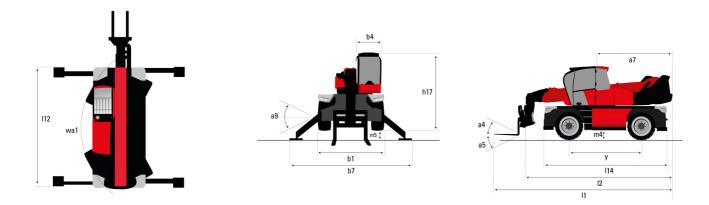




	MRT 3570 ES Created on July 31, 2025 at 5:18 PM	UT
Capacities	Metric	
Max. capacity	7000 kg	
Max. lifting height	34.70 m	
Maximum outreach	28 m	
Weight and dimensions		
Overall length (with forks)	l1 10.06 m	
Length to face of forks	l2 8.86 m	
Overall width	b1 2.50 m	
Overall height	h17 3.26 m	
Overall cab width	b4 0.96 m	
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 mode	
Stabilisers		
Stabilizers Type	Telescopic Triplex	
Controls with stabs	Stabs Commands Individual or Simultaneous	
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 ³	
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	
	Oil-immersed multi-discs braking on front & rea	ar
Service brake	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	
Fuel tank	320	
Diesel Exhaust fluid (AdBlue® type)	24	
Noise and vibration		
Noise at driving position (LpA)	68 dB	
Noise to environment (LWA)	109 dB	
Vibration on hands/arms	< 2.50 m/s ²	
	· 2.00 m/ 0	
Miscellaneous		
Miscellaneous Steering wheels (front / rear)	2/2	
Steering wheels (front / rear)	2 / 2 2 Joysticks	
	2 / 2 2 Joysticks Cabin ROPS - FOPS level 2	

MRT 3570 ES Created on July 31, 2025 at 5:18 PM UTC

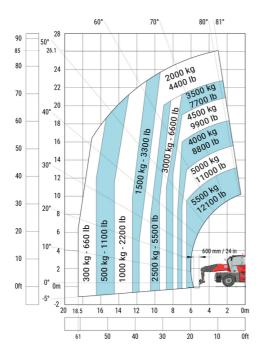
MRT 3570 ES - Dimensional drawing



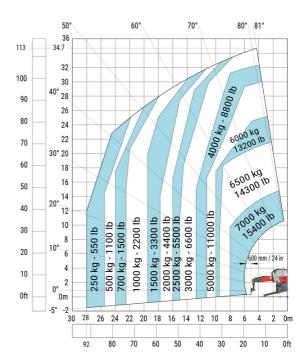
Other data		Metric
Length of frame	114	6.80 m
Wheelbase	у	3.75 m
Ground clearance	m4	0.39 m
Counterweight offset (turret at 90°)	а7	3.75 m
Tilt-up angle	a4	13 °
Tilt-down angle	a5	108 °
Overall length at stabilisers	112	6.50 m
External turning radius (over tyres)	Wa1	5.16 m
Overall width with stabilisers 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



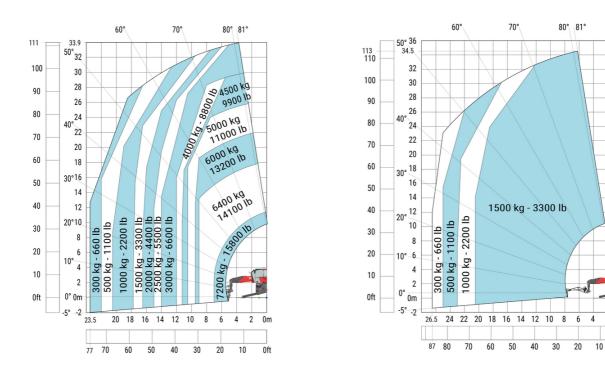
2

0m

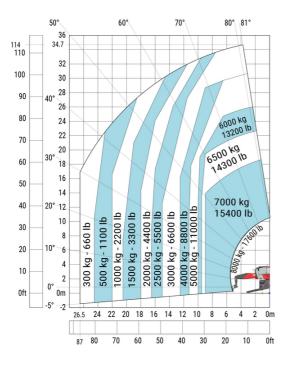
0ft

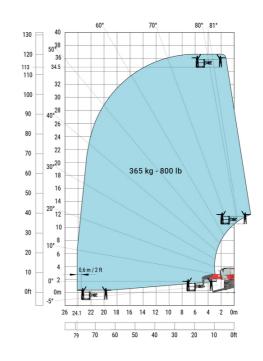
Machine on lowered stabilisers with winch 7200 kg (metric)

Machine on lowered stabilisers with 1500 kg jib Metric

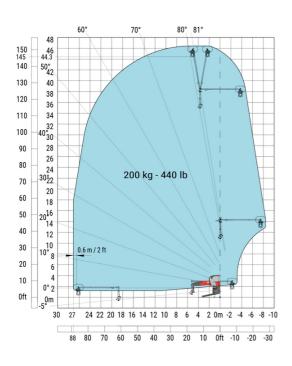


Machine on lowered stabilisers with hook 9000 kg (Metric) Machine on lowered stabilisers with 365 kg platform Metric





Machine on lowered stabilisers with 3D positive Metric





Head Office B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



This publication provides a description of the configuration versions and options for Manitou products, which may differ for equipment. The equipment presented in this brochure may be part of a series, as an option, or it may not be available, depending on the versions. Manitou reserves the right, at any time and without notice, to amend the specifications described and represented. The specifications provided do not bind the manufacturer. For more details, please contact your Manitou agent. This is not a contractually binding document. The presentation of the products is not contractually binding. List of specifications non-exhaustive. The logos as well as the visual identity of the company are owned by Manitou and cannot be used without authorisation. All rights reserved. The photos and diagrams contained in this brochure are only provided for consultation and information purposes.

MANITOU BF SA - Limited company with board of directors - Share capital: 39,668,399 euros - 857 802 508 RCS Nantes