Technical sheet:

# **MRT-X 3570 ES**

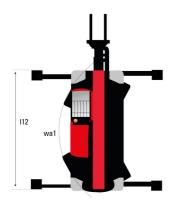
#### **VISION +**

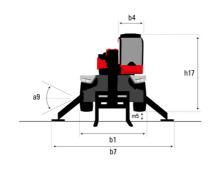


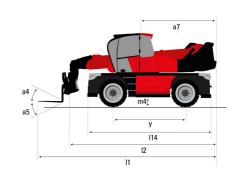


MRT-X 3570 ES Created on September 9, 2025		
Capacities	Metric	
Max. capacity	7000 kg	
Max. lifting height	34.60 m	
Maximum outreach	28 m	
Weight and dimensions		
Overall length (with forks)	I1 10.06 m	
Length to face of forks	12 8.86 m	
Overall width	b1 2.50 m	
Overall height	h17 3.26 m	
Overall cab width	b4 0.96 m	
Ground clearance	m4 0.39 m	
Wheelbase	y 3.75 m	
Frame leveling longitudinal +/-	3°	
Filt-up angle	a4 13 °	
Filt-down angle	a5 108°	
Furnet rotation	360 °	
Overall weight	24000 kg	
-		
Forks length / width / section	I / e / s 1200 mm x 125 mm x 60 mm	
Vheels  Standard tires	17 5 005	
Standard tires	17,5-R25	
Orive 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	
ingine		
ingine brand	Yanmar	
ngine norm	Stage IIIA	
ingine model	4TN107FTT-6SMU2	
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	
2V Battery capacity	120 Ah	
Battery starting current	(EN)850 A	
Transmission Transmission		
ransmission type	Hydrostatic with CVT	
Gearbox	Speedshift	
Max. travel speed	40 km/h	
rawbar pull	9300 daN	
Parking brake	Automatic negative parking brake	
Service brake	Oil-immersed multi-discs braking on front & real	
	axles	
Performances		
radeability (laden / unladen)	29 % / 38.70 %	
lydraulics		
lydraulic pump type	Variable displacement pump	
lydraulic flow	172 l/min	
lydraulic Pressure	350 bar	
ank capacities		
ngine oil	13	
uel tank	320	
loise and vibration		
loise at driving position (LpA)	68 dB	
loise to environment (LwA)	109 dB	
fibration on hands/arms	< 2.60 m/s <sup>2</sup>	
Aiscellaneous		
teering wheels (front / rear)	2/2	
Controls	2 Joysticks	
Cab certification	Cabin ROPS - FOPS level 2	

## MRT-X 3570 ES - Dimensional drawing



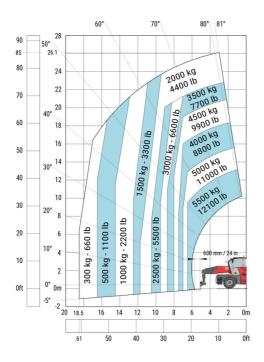




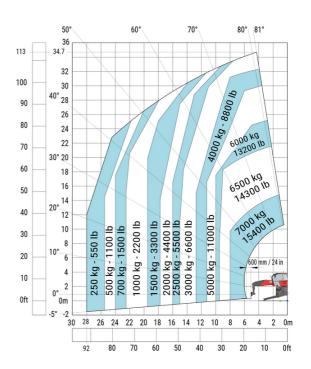
Other data		Metric
Length of frame	l14	6.80 m
Wheelbase	у	3.75 m
Ground clearance	m4	0.39 m
Counterweight offset (turret at 90Ű)	a7	3.75 m
Tilt-up angle	a4	13 °
Tilt-down angle	a5	108 °
Overall length at stabilisers	l12	6.50 m
External turning radius (over tyres)	Wa1	5.16 m
Overall width with stabilisers 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-X 3570 ES - Load chart

### Machine on tires with forks Metric

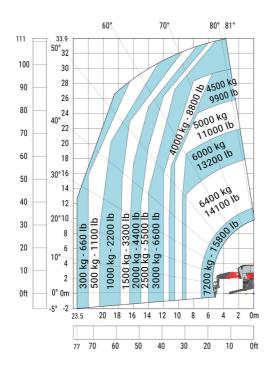


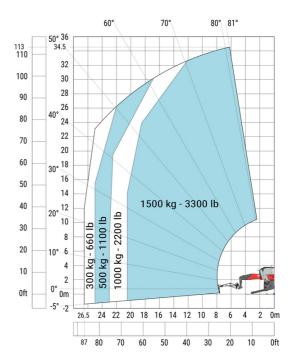
### Machine on lowered stabilisers with forks Metric



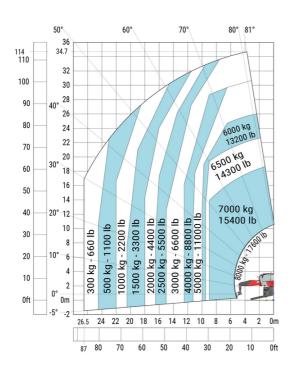
Machine on lowered stabilisers with winch 7200 kg (metric)

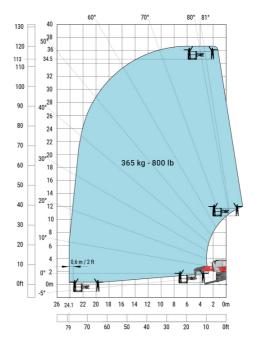
Machine on lowered stabilisers with 1500 kg jib Metric



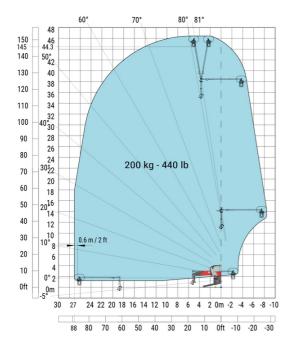


Machine on lowered stabilisers with hook 9000 kg (Metric) Machine on lowered stabilisers with 365 kg platform Metric





# Machine on lowered stabilisers with 3D positive Metric







#### **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