Technical sheet :

# **MRT-X 3570**

VISION +



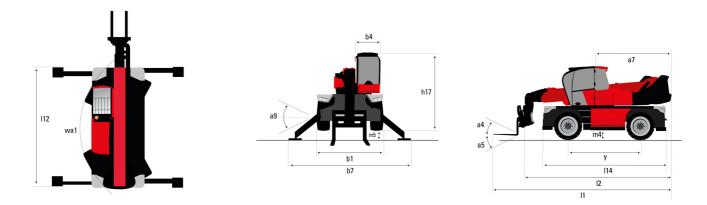


1 2 2024	at 9:37:13	PMIITO
ı	2 2024	2, 2024 at 9:37:13

	<b>MRT-X 3570</b> Created on May 2, 2024 at 9:37:13 P
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
	12 8.86 m
Length to face of forks	
Overall width	b1 2.50 m
Overall height	h17 3.26 m
Overall cab width	b4 0.96 m
Ground clearance	m4 0.44 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	
Standard tires	17,5-R25
Drive wheels (front / rear)	2/2
Steering mode	2 wheel steer, 4 wheel steer, Crab mod
Stabilisers	
Stabs Type	Telescopic Triplex
Controls with stabs	Stabs Commands Individual or Simultane
Engine	
	Vermer
Engine brand	Yanmar
Engine norm	Stage IIIA
Engine model	4TN107FTF6SMU2
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	
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 &
Service brake	axles
Performances	
Gradeability (laden / unladen)	29 % / 38.70 %
Hydraulics	
Hydraulic pump type	Variable displacement pump
Hydraulic flow	185 l/min
	350 bar
Hydraulic Pressure	530 bai
Tank capacities	
Engine oil	13
Hydraulic oil	300 I
Fuel tank	320
Noise and vibration	
Noise at driving position (LpA)	68 dB
Noise to environment (LwA)	109 dB
Vibration to whole hand/arm	< 2.60 m/s²
Miscellaneous	
Steering wheels (front / rear)	2/2
Controls	2 Joysticks
	2 00/08/08/3
Safety cab homologation	ROPS - FOPS level 2 cab

4 - 4507 CIII-	
Water cooled	
2 x 12 V	
120 Ah	
(EN)850 A	
Hydrostatic with CVT	
Speedshift	
40 km/h	
9300 daN	
Automatic negative parking brake	
Oil-immersed multi-discs braking on front & rear axles	
29 % / 38.70 %	
Variable displacement pump	
185 l/min	
350 bar	
13	
300	
320	
68 dB	
109 dB	
< 2.60 m/s²	
2/2	
2 Joysticks	
ROPS - FOPS level 2 cab	
Standard	

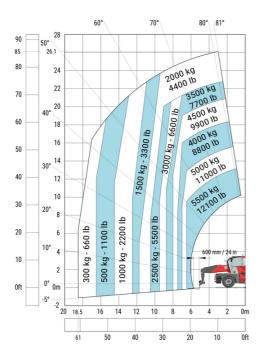
# MRT-X 3570 - Dimensional drawing



Other data		Metric
Length of frame	114	6.80 m
Wheelbase	у	3.75 m
Ground clearance	m4	0.44 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	0.45 m

## MRT-X 3570 - Load chart

#### Machine on tyres with forks Metric

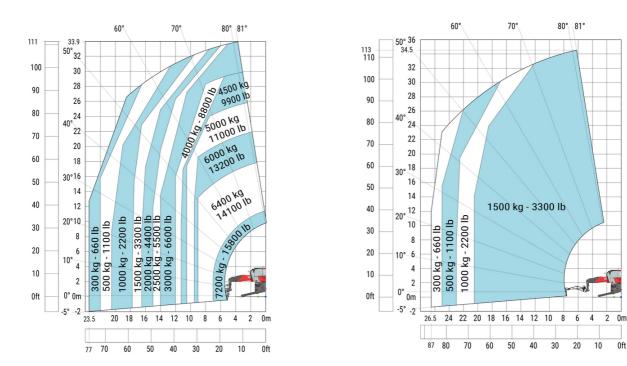


### Machine on lowered stabilisers with forks Metric

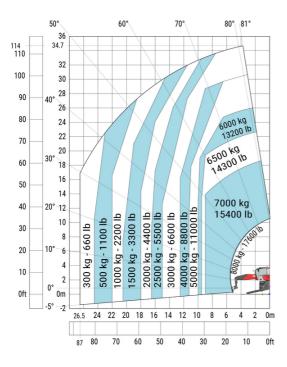


#### Machine on lowered stabilisers with winch 7200 kg (metric)

Machine on lowered stabilisers with 1500 kg jib Metric

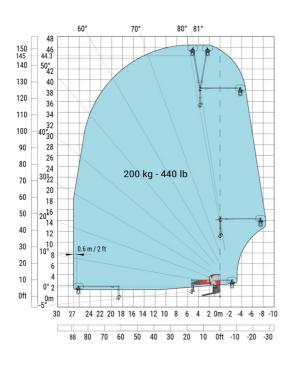


Machine on lowered stabilisers with hook 9000 kg (Metric) Machine on lowered stabilisers with 365 kg platform Metric





# Machine on lowered stabilisers with 3D positive Metric





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