Technical sheet:

MRT-X 2570

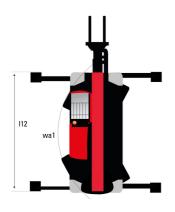
VISION +

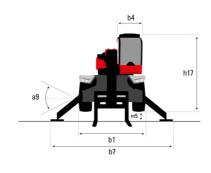


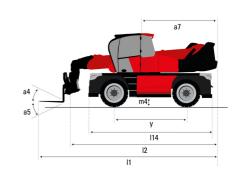


	MRT-x 2570 Created on May 7, 2024 at 3:40:25 A	
Capacities	Metric	
Max. capacity	7000 kg	
Max. lifting height	24.80 m	
Max. outreach	20.50 m	
Weight and dimensions		
Overall length (with forks)	l1 8.87 m	
Length to face of forks	l2 7.67 m	
Overall width	b1 2.50 m	
Overall height	h17 3.10 m	
Overall cab width	b4 0.96 m	
Ground clearance	m4 0.36 m	
Wheelbase	y 3.25 m	
Tilt-up angle	a4 12 °	
Tilt-down angle	a5 110°	
Turret rotation	360 °	
Overall weight	21300 kg	
Forks length / width / section	l / e / s 1200 mm x 125 mm x 60 mm	
Wheels	17 67 6	
Standard tires	445/65 R22,5	
Drive wheels (front / rear)	2/2	
Steering mode	2 wheel steer, 4 wheel steer, Crab mode	
Stabilisers Stabilisers	2 micer steer, 4 micer steer, stab mode	
Stabs Type	Telescopic Duplex	
Controls with stabs	Stabs Commands Individual or Simultaneous	
Engine Engine	Stabs Communication Simulations	
Engine brand	Yanmar	
Engine norm		
•	Stage IIIA	
Engine model	4TN107FTT-6SMU1	
I.C. Engine power rating / Power	173 Hp / 127 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	0.404	
Number of batteries / Battery voltage	2 x 12 V	
12V Battery capacity	120 Ah	
Battery starting current	(EN)850 A	
Transmission		
Transmission type	Hydrostatic	
Gearbox / Number of gears (forward) / Number of gears (reverse)	Speedshift / 2 / 2	
Max. travel speed	40 km/h	
Drawbar pull	9200 daN	
Parking brake	Automatic negative parking brake	
Service brake	Oil-immersed multi-discs braking on front & rea axles	
Performances	dxies	
Gradeability (laden / unladen)	32.40 % / 41.40 %	
Hydraulics	32.40 % / 41.40 %	
·	Visible Bales manhaum	
Hydraulic pump type	Variable displacement pump	
Hydraulic flow	185 l/min	
Hydraulic Pressure	350 bar	
Tank capacities		
Engine oil	131	
Hydraulic oil	3001	
Fuel tank	320 1	
Noise and vibration		
Noise at driving position (LpA)	67 dB	
Noise to environment (LwA)	108 dB	
Vibration to whole hand/arm	< 2.50 m/s ²	
Miscellaneous		
Steering wheels (front / rear)	2/2	
Controls	2 Joysticks	
Safety cab homologation	ROPS - FOPS level 2 cab	
Attachment recognition system (E-Reco)	Standard	

MRT-X 2570 - Dimensional drawing





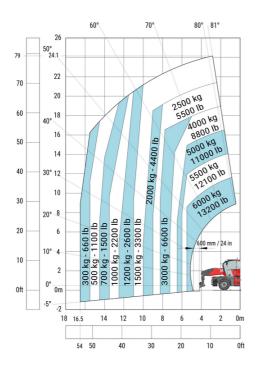


Other data	
Length of frame	l14
Wheelbase	у
Ground clearance	m4
Counterweight offset (turret at 90°)	a7
Tilt-up angle	a4
Tilt-down angle	a5
Overall length at stabilisers	l12
External turning radius (over tyres)	Wa ⁻
Overall width with stabilisers extended	b7
Overall height	h17
Frame leveling corrector	a9
Ground clearance under front tires on stabilizers	m5

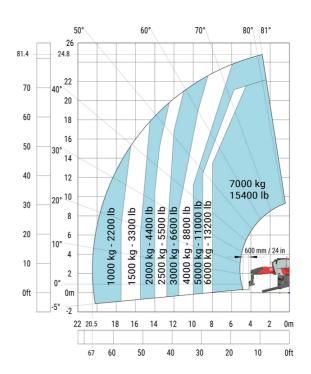
	Metric
l14	5.92 m
у	3.25 m
m4	0.36 m
a7	3.45 m
a4	12 °
a5	110°
l12	5.62 m
Wa1	4.63 m
b7	6.04 m
h17	3.10 m
a9	+/- 7 °
m5	0.38 m

MRT-X 2570 - Load chart

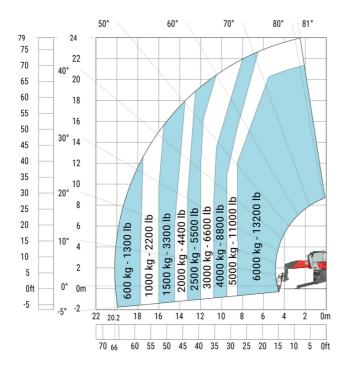
Machine on tyres with forks Metric

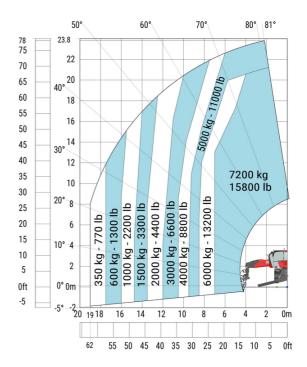


Machine on lowered stabilisers with forks Metric



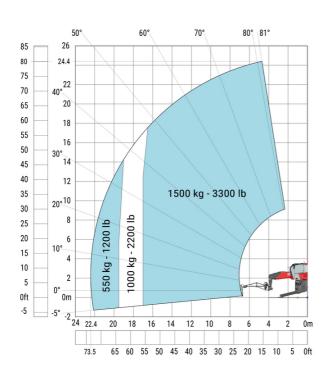
Machine on lowered stabilisers with winch 6000 kg (Metric) Machine on lowered stabilisers with winch 7200 kg (metric)

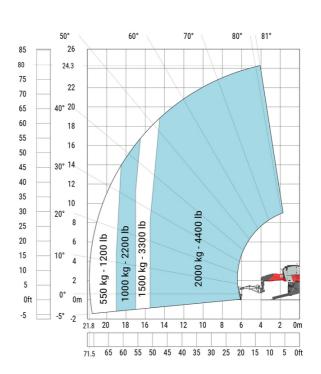




Machine on lowered stabilisers with 1500 kg jib Metric

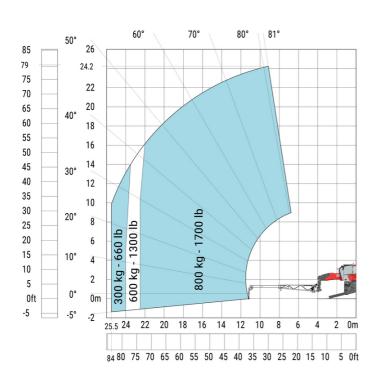
Machine on lowered stabilisers with 2000 kg jib (Metric)

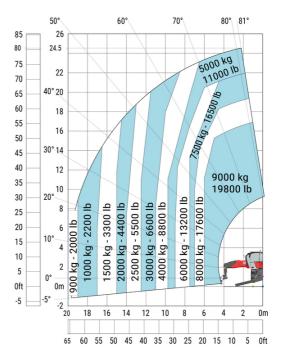




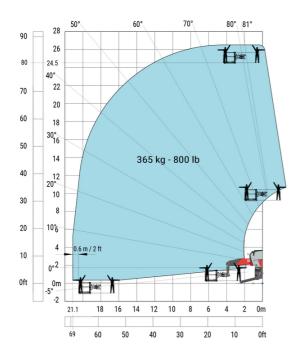
Machine on lowered stabilisers with extensible jib with winch (Metric)

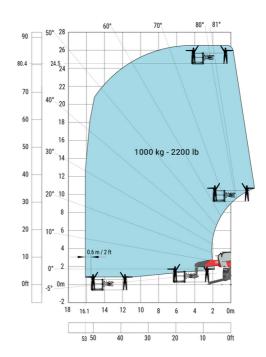
Machine on lowered stabilisers with hook 9000 kg (Metric)





Machine on lowered stabilisers with 365 kg platform Metric Machine on lowered stabilisers with 1000 kg platform 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