Technical sheet :

# **MHT-X 10135 ST3A**

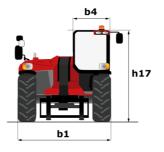


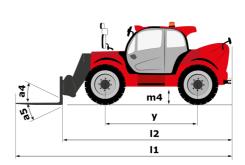


	MHI-XIOI35 SI 3A Cleated Oll August 12, 2023 at 3.24 PW 0
Capacities	Metric
Max. capacity	13500 kg
Load center of gravity	c 600 mm
Max. lifting height	9.60 m
Maximum outreach	5.20 m
Weight and dimensions	
Overall length	l1 7.35 m
Unladen weight (with forks)	19950 kg
Ground clearance	m4 0.43 m
Wheelbase	y 3.37 m
Length to face of forks	l2 6.15 m
Overall width	b1 2.54 m
Overall height	h17 2.99 m
Overall cab width	b4 0.95 m
Tiltup angle	a4 12 °
Tilt-down angle	a* 12 a5 104 °
External turning radius (over tyres)	Wa1 5.35 m
Forks length / width / section	l / e / s 1200 mm x 180 mm x 75 mm
Frame leveling corrector	a9 9°
Wheels	
Standard tires	17,5-R25
Number of front wheels / rear wheels	2/2
Drive wheels (front / rear)	2/2
Steering mode	2 wheel steer, 4 wheel steer, Crab mode
Engine	
Engine brand	Yanmar
Engine norm	Stage IIIA
Engine model	4TN107TT-6SMU1
Number of cylinders / Capacity of cylinders	4 - 4567 cm <sup>3</sup>
I.C. Engine power rating / Power	173 Hp / 127 kW
Max. torque / Engine rotation	805 Nm@1500 rpm
Engine cooling system	Water
Number of batteries	2
Battery voltage	12 V
Drawbar pull	11770 daN
Transmission	
Transmission type	Hydrostatic
Number of gears (forward / reverse)	2/2
Max. travel speed	35 km/h
Parking brake	Automatic negative parking brake
Service brake	Oil-immersed multi-discs braking on front & rear axles
Gradeability (laden / unladen)	32.40 % / 55.40 %
Hydraulics	
Hydraulic pump type	Variable displacement pump
	172 l/min - 350 bar
Hydraulic flow - Pressure Tank capacities	
Engine oil	13
Fuel tank	3151
	3131
Noise and vibration	100 JD
Noise to environment (LwA)	108 dB
Vibration on hands/arms	< 2.50 m/s <sup>2</sup>
Noise at driving position (LpA) tested following NF EN 12053 norm	75 dB
Miscellaneous	
Cab certification	Cabin ROPS - FOPS level 2
Controls	JSM
Attachment recognition system (E-Reco)	Standard

## MHT-X 10135 ST3A - Dimensional drawing

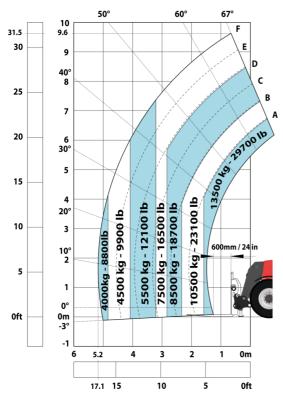




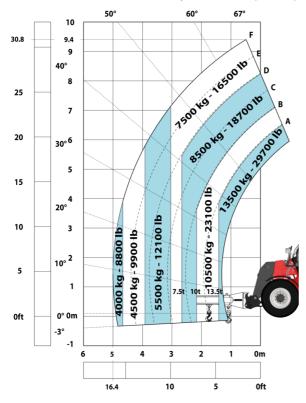


### MHT-X 10135 ST3A - Load chart

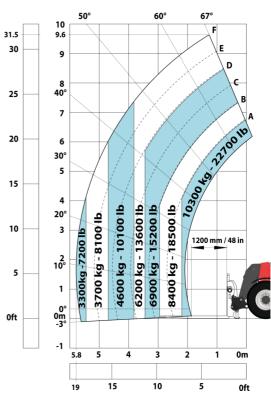




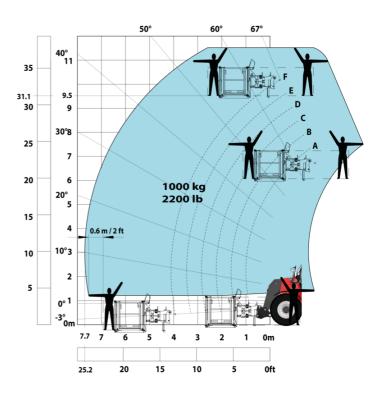
#### Machine on tires with 3-hook jib 13500 kg (Metric)

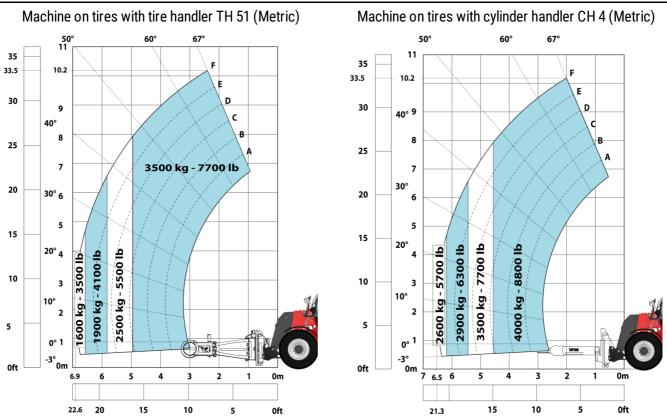


#### Machine on tires with forks LC 1200 mm Metric



#### Machine on tires with platform Metric









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