Technical sheet :

# **MHT 10135 ST5**

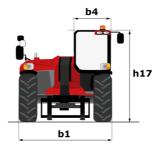


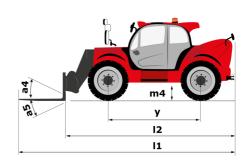


	<b>MHT 10135 ST5</b> Cleated UII Way 5, 2024 at 7.30.12 A	
Capacities	Metric	
Max. capacity	13500 kg	
Load center of gravity	c 600 mm	
Max. lifting height	9.60 m	
Max. outreach	5.20 m	
Weight and dimensions		
Overall length	l1 7.35 m	
Unladen weight (with forks)	19900 kg	
Ground clearance	m4 0.43 m	
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	
Tilt-down angle	a5 104 °	
Tilt-up angle	a4 12 °	
External turning radius (over tyres)	Wa1 5.35 m	
Forks length / width / section	l / e / s 1200 mm x 180 mm / 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 mod	۵
Engine		C
Engine brand	Yanmar	
Engine norm	Stage V / Tier 4	
Engine model	4TN107FTF6SMU1	
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 pm	
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	30 km/h	
Parking brake	Automatic negative parking brake	
Service brake	Oil-immersed multi-discs braking on front	& rear
	axies	
Gradeability (laden / unladen)	32.40 % / 55.40 %	
Hydraulics		
Hydraulic pump type	Variable displacement pump	
Hydraulic flow - Pressure	185 l/min - 350 bar	
Tank capacities		
Engine oil	13	
Hydraulic oil	2901	
Fuel tank	3151	
Diesel Exhaust fluid (AdBlue® type)	24	
Miscellaneous		
Safety cab homologation	ROPS - FOPS level 2 cab	
Controls	JSM	

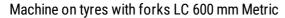
## MHT 10135 ST5 - Dimensional drawing

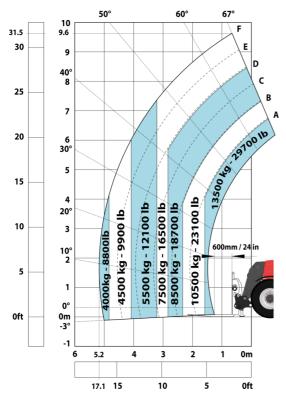




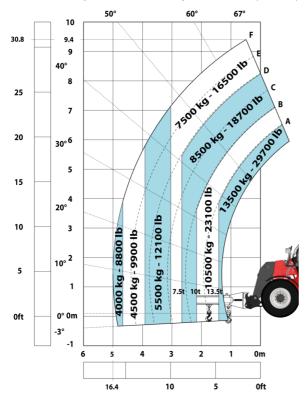


### MHT 10135 ST5 - Load chart

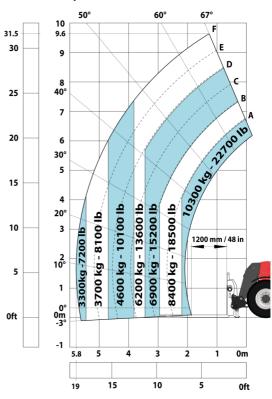




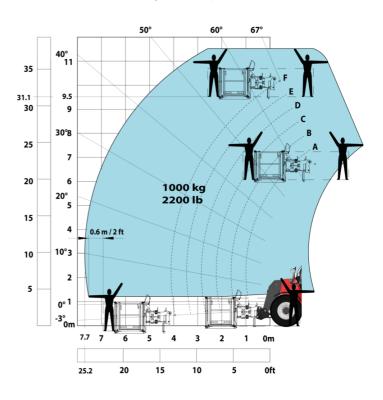
#### Machine on tyres with 3-hook jib 13500 kg (Metric)

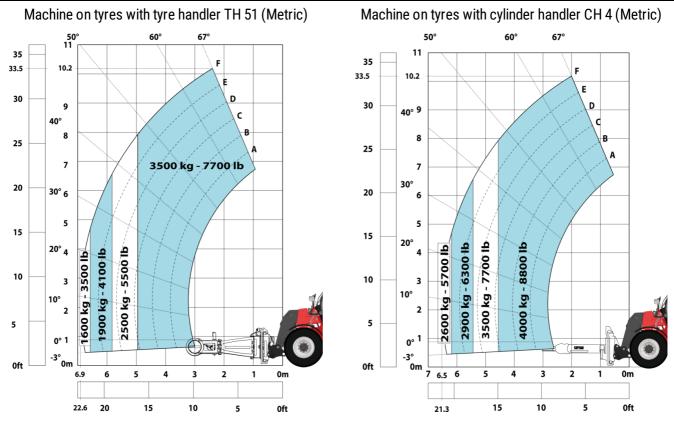


#### Machine on tyres with forks LC 1200 mm Metric



#### Machine on tyres with platform Metric





## **Mining Specifications**

MHT 10135 ST5



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