Technical sheet:

MHT-X 10135 ST3A

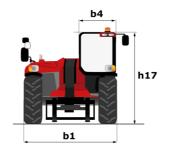


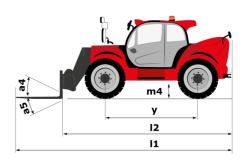


	мнт-х 10135 sтза Created on July 31, 20	ZJ al 3.ZI FIVI UI	
Capacities	Metric		
Max. capacity	13500 k	:g	
Load center of gravity	c 600 mr	n	
Max. lifting height	9.60 m	ı	
Maximum outreach	5.20 m	1	
Weight and dimensions			
Overall length	l1 7.35 m		
Unladen weight (with forks)	19950 k	a	
Ground clearance	m4 0.43 m		
Wheelbase	у 3.37 m		
Length to face of forks	12 6.15 m		
Overall width	b1 2.54 m		
Overall height	h17 2.99 m		
Overall cab width	b4 0.95 m		
Tilt-up angle	a4 12 °	•	
Tilt-down angle	a5 104°		
External turning radius (over tyres)	Wa1 5.35 m	•	
Forks length / width / section	1/e/s 1200 mm x 180 m		
Frame leveling corrector	a9 9°	IIII X 73 IIIIII	
Wheels	a5 5		
Standard tires	17.5.00	<u> </u>	
		17,5-R25 2 / 2	
Number of front wheels / rear wheels			
Drive wheels (front / rear)	2/2	-t 0hl-	
Steering mode	2 wheel steer, 4 wheel	steer, Crab mode	
Engine	V.		
Engine brand	Yanma		
Engine norm	Stage III		
Engine model		4TN107TF6SMU1	
Number of cylinders / Capacity of cylinders		4 - 4567 cm ³	
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 d	11770 daN	
Transmission			
Transmission type		Hydrostatic	
Number of gears (forward / reverse)	2/2	2/2	
Max. travel speed		35 km/h	
Parking brake	Automatic negative	Automatic negative parking brake	
Service brake		Oil-immersed multi-discs braking on front & rear axles	
Gradeability (laden / unladen)	32.40 % / 55	5.40 %	
Hydraulics			
Hydraulic pump type	Variable displace	ment pump	
Hydraulic flow - Pressure		172 I/min - 350 bar	
Tank capacities			
Engine oil	131	13	
Fuel tank	3151		
Noise and vibration	3101		
Noise to environment (LwA)	10g dF	108 dB	
Vibration on hands/arms		< 2.50 m/s ²	
Noise at driving position (LpA) tested following NF EN 12053 norm		< 2.50 m/s² 75 dB	
Miscellaneous	75 UB		
Cab certification	Cabin ROPS - FC	Cabin ROPS - FOPS level 2	
Controls	JSM		
Attachment recognition system (E-Reco)	Standar	d	

MHT-X 10135 ST3A - Dimensional drawing

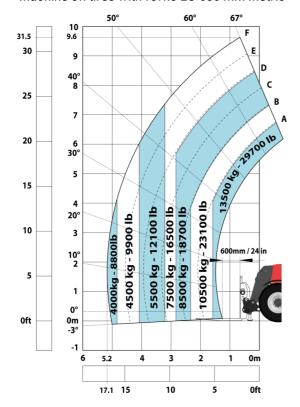




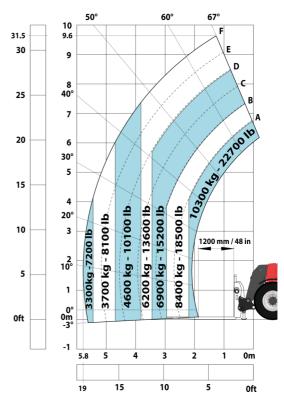


MHT-X 10135 ST3A - Load chart

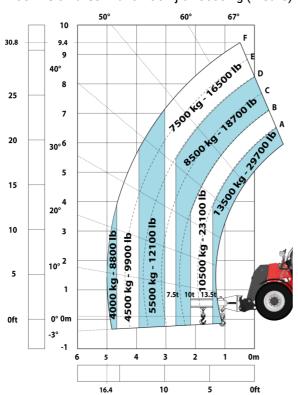
Machine on tires with forks LC 600 mm Metric



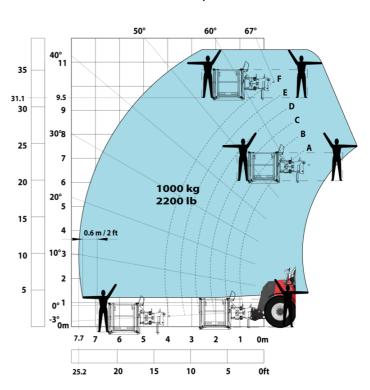
Machine on tires with forks LC 1200 mm Metric



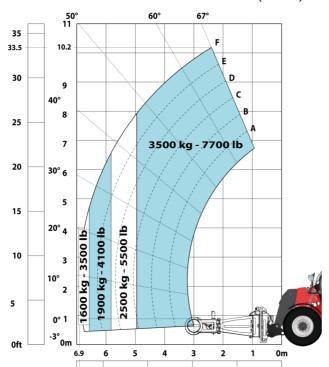
Machine on tires with 3-hook jib 13500 kg (Metric)



Machine on tires with platform Metric



Machine on tires with tire handler TH 51 (Metric)



15

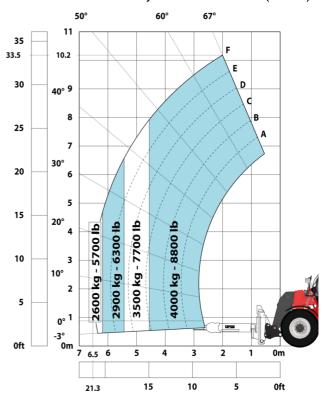
10

5

0ft

22.6 20

Machine on tires with cylinder handler CH 4 (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