Technical sheet:

MHT-X 10160 ST3A

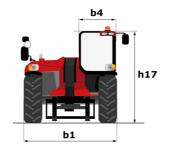


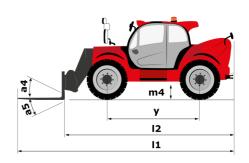


	мнт-х 10160 sтза Created on April 29, 2024 at 6:43:47	PM UI
Capacities	Metric	
Max. capacity	16000 kg	
Load center of gravity	c 600 mm	
Max. lifting height	9.60 m	
Max. outreach	5.20 m	
Weight and dimensions	0.20 H	
Overall length	l1 7.35 m	
	21500 kg	
Unladen weight (with forks)		
Ground clearance	m4 0.43 m	
Wheelbase	y 3.37 m	
Length to face of forks	12 6.15 m	
Overall width	b1 2.48 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 5.20 m	
Forks length / width / section	I / 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 m	odo
	2 Wileel Steel, 4 Wileel Steel, Clab III	loue
Engine Francisco hand	Vonner	
Engine brand	Yanmar	
Engine norm	Stage IIIA	
Engine model	4TN107TT-6SMU1	
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 daN	
Transmission		
Transmission type	Hydrostatic	
Number of gears (forward / reverse)	2/2	
Max. travel speed	25 km/h	
Parking brake	Automatic negative parking brake	2
	Oil-immersed multi-discs braking on froi	
Service brake	axles	iii a icai
Gradeability (laden / unladen)	32.40 % / 55.40 %	
Hydraulics		
Hydraulic pump type	Variable displacement pump	
Hydraulic flow - Pressure	185 I/min - 350 bar	
Tank capacities	103 I) IIIIII - 330 Dai	
<u> </u>	101	
Engine oil	131	
Hydraulic oil	290 1	
Fuel tank	315	
Noise and vibration		
Noise at driving position (LpA)	75 dB	
Noise to environment (LwA)	108 dB	
Vibration on hands/arms	< 2.50 m/s²	
Miscellaneous		
Safety cab homologation	ROPS - FOPS level 2 cab	
Controls	JSM	
Attachment recognition system (E-Reco)	Standard	
	Statidate	

MHT-X 10160 ST3A - Dimensional drawing

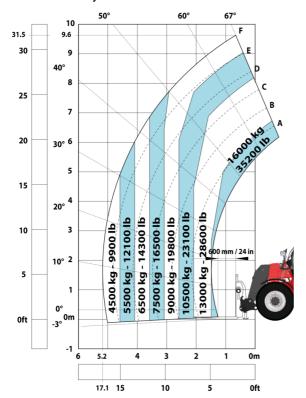




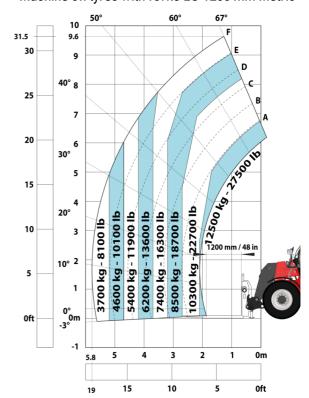


MHT-X 10160 ST3A - Load chart

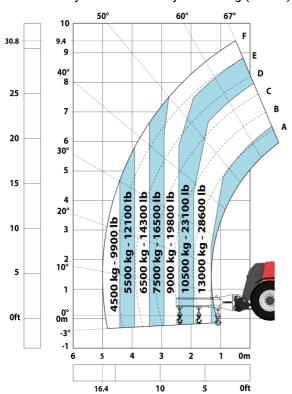
Machine on tyres with forks LC 600 mm Metric



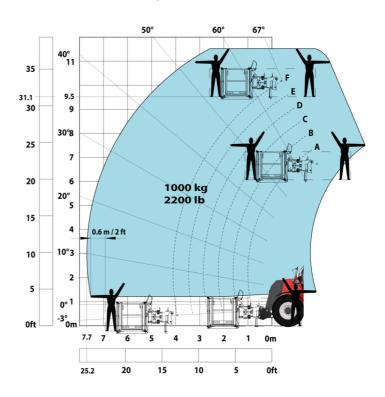
Machine on tyres with forks LC 1200 mm Metric

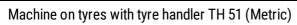


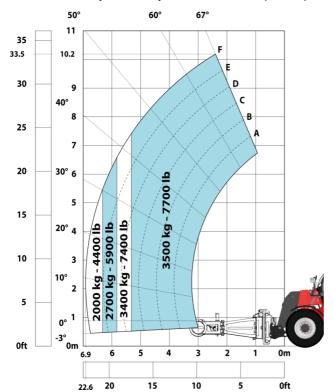
Machine on tyres with 3-hook jib 16000 kg (Metric)



Machine on tyres with platform Metric



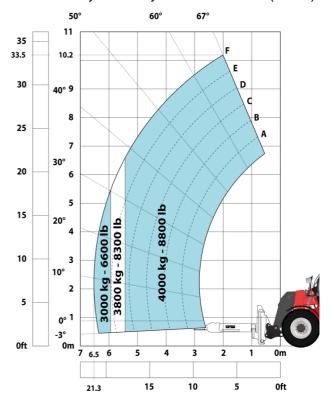




5

22.6

Machine on tyres 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