Technical sheet :

# **MHT-X 10160 ST3A**

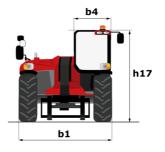


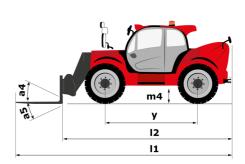


	MAT-X TOTOOSTSA Greated off August 2, 2023 at 1.20 AM
Capacities	Metric
Max. capacity	16000 kg
Load center of gravity	c 600 mm
Max. lifting height	9.60 m
Maximum outreach	5.20 m
Weight and dimensions	
Overall length	l1 7.35 m
Unladen weight (with forks)	21500 kg
Ground clearance	m4 0.43 m
Wheelbase	y 3.37 m
Length to face of forks	l2 6.15 m
Overall width	b1 2.48 m
Overall height	h17 2.99 m
Overall cab width	b4 0.95 m
Tilt-up angle	
Tilt-down angle	a5 104 °
External turning radius (over tyres)	Wa1 5.20 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 cm³
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	30 km/h
Parking brake	Automatic negative parking brake
Service brake	Oil-immersed multi-discs braking on front & rea
	axles 32.40 % / 55.40 %
Gradeability (laden / unladen)	32.40 % / 33.40 %
Hydraulics	W-2-11-20-1
Hydraulic pump type	Variable displacement pump
Hydraulic flow - Pressure	185 l/min - 350 bar
Tank capacities	
Engine oil	131
Fuel tank	3151
Noise and vibration	
Noise to environment (LwA)	108 dB
Vibration on hands/arms	< 2.50 m/s²
Noise at driving position (LpA) tested following NF EN 12053 norm	75 dB
Miscellaneous	
Cab certification	Cabin ROPS - FOPS level 2
	Cabin ROPS - FOPS level 2 JSM

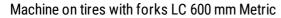
## MHT-X 10160 ST3A - Dimensional drawing

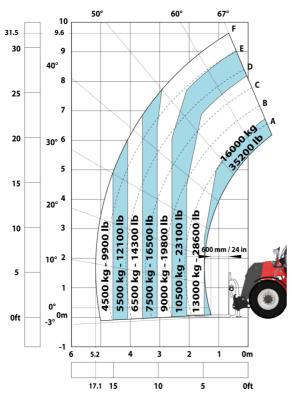




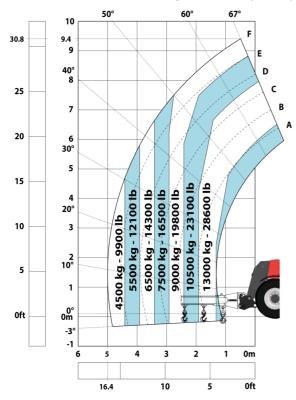


### MHT-X 10160 ST3A - Load chart

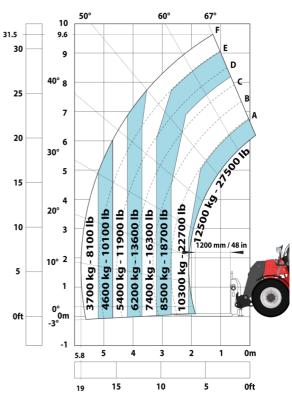




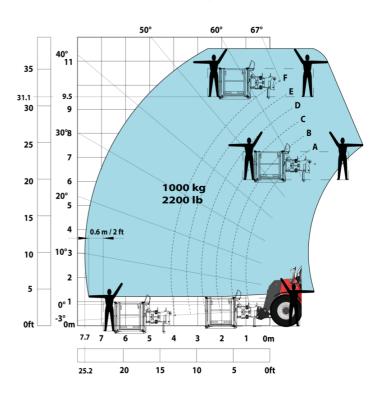
#### Machine on tires with 3-hook jib 16000 kg (Metric)

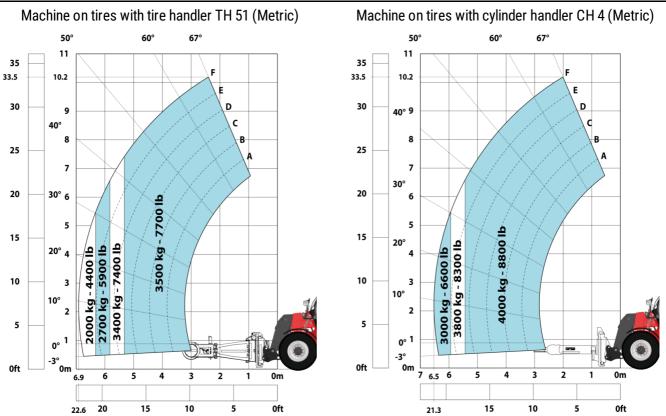


#### Machine on tires with forks LC 1200 mm Metric



#### Machine on tires with 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