Technical sheet:

MHT-X 790 ST3A

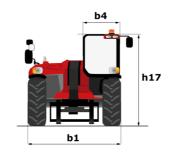


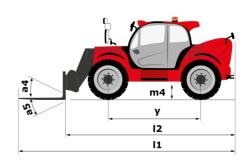


	мнт-х 790 sтза Created on October 25, 2025 at 7:25 AV
Capacities	Metric
Max. capacity	9000 kg
Load center of gravity	c 600 mm
Max. lifting height	6.80 m
Maximum outreach	3.70 m
Weight and dimensions	
Overall length	l1 6.41 m
Unladen weight (with forks)	13160 kg
Ground clearance	m4 0.44 m
Wheelbase	y 2.87 m
Length to face of forks	12 5.21 m
Overall width	b1 2.47 m
Overall height	h17 2.54 m
Overall cab width	b4 0.93 m
Tilt-up angle	a4 15°
Tilt-down angle	a5 109 °
	Wa1 4.72 m
External turning radius (over tyres)	
Forks length / width / section	I / e / s 1200 mm x 200 mm x 60 mm
Wheels	AAF (CF 000 F
Standard tires	445/65 R22,5
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	4TN107HT-5SMUF
Number of cylinders / Capacity of cylinders	4 - 4567 cm³
Engine power (Hp / kW)	143 Hp / 105 kW
Max. torque / Engine rotation	602 Nm@1500 rpm
Engine cooling system	Water
Battery voltage	12 V
Drawbar pull	10050 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 & r axles
Gradeability (laden / unladen)	48.10 % / 37.40 %
Hydraulics	
Hydraulic pump type	Variable displacement pump
Hydraulic flow - Pressure	185 l/min - 270 bar
Tank capacities	
Engine oil	13
Fuel tank	165
Noise and vibration	
Noise to environment (LwA)	107 dB
Vibration on hands/arms	< 2.50 m/s ²
Noise at driving position (LpA) tested following NF EN 12053 norm	75 dB
Miscellaneous	75 UB
	Out to DODO FORGIL I O
Cab certification	Cabin ROPS - FOPS level 2

MHT-X 790 ST3A - Dimensional drawing

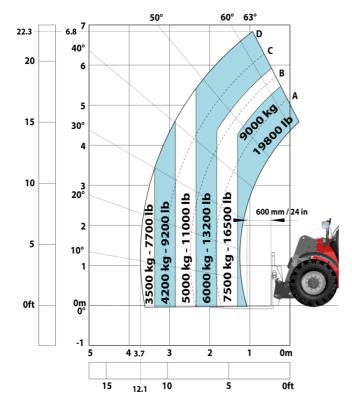




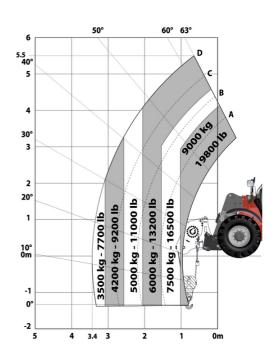


MHT-X 790 ST3A - Load chart

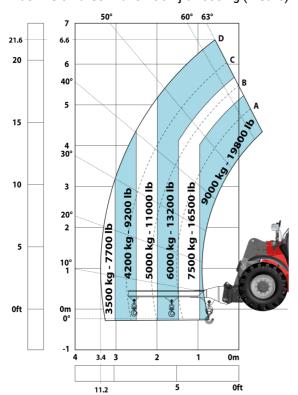
Machine on tires with forks LC 600 mm Metric



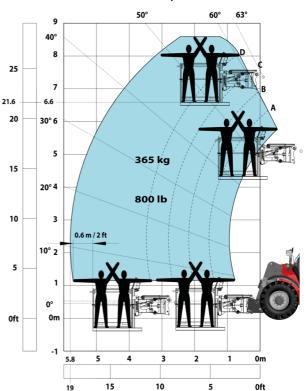
Machine on tires with winch 9000 kg (Metric)



Machine on tires with 3-hook jib 9000 kg (Metric)

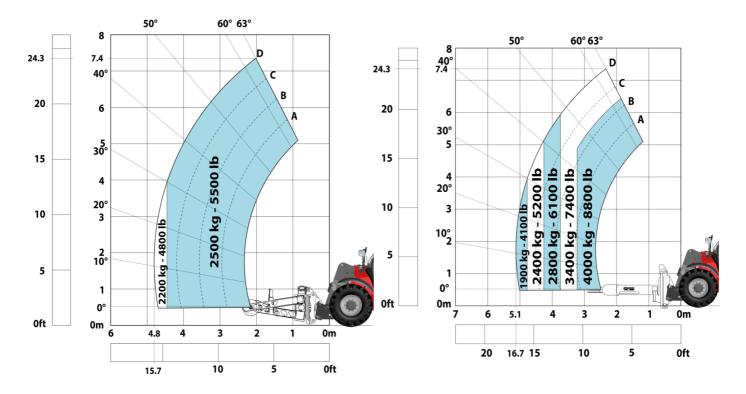


Machine on tires with platform Metric



Machine on tires with tire handler TH 49 (Metric)

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