Technical sheet :

MHT-X 790 ST3A



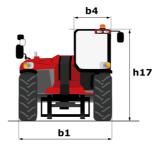


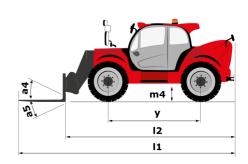
мнт-х 790 стза Created on August 1, 2025 at 11:40 PM UTC

Capacities	Metric		
Max. capacity	9000 kg	J	
Load center of gravity	c 600 mm	1	
Max. lifting height	6.80 m		
Aaximum outreach	3.70 m		
Neight and dimensions			
Overall length	l1 6.41 m		
Inladen weight (with forks)	13160 kg	q	
Sround clearance	m4 0.44 m	-	
Vheelbase	y 2.87 m		
ength to face of forks	l2 5.21 m		
Dverall width	b1 2.47 m		
)verall height	h17 2.54 m		
)verall cab width	b4 0.93 m		
ilt-up angle	a4 15°		
	a4 13 a5 109°		
iilt-down angle			
External turning radius (over tyres)	Wa1 4.72 m		
Forks length / width / section	l / e / s 1200 mm x 200 mi	.11 x 60 mm	
Wheels	445 (65 20)		
itandard tires	445/65 R2	2,5	
lumber of front wheels / rear wheels	2/2		
Drive wheels (front / rear)	2/2		
teering mode	2 wheel steer, 4 wheel s	teer, Crab mode	
ingine			
ngine brand	Yanmar		
ngine norm	Stage IIIA		
Engine model	4TN107HT-5SMUF		
Number of cylinders / Capacity of cylinders	4 - 4567 cm ³		
.C. Engine power rating / Power	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			
Fransmission type	Hydrostat	ic	
lumber 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 & rear axles	
Gradeability (laden / unladen)		48.10 % / 37.40 %	
Hydraulics			
Hydraulic pump type	Variable displacer	ment pump	
Hydraulic flow - Pressure		Variable displacement pump 185 l/min - 270 bar	
Fank capacities			
ingine oil	13		
iuel tank	165		
loise and vibration			
	01. 701		
loise to environment (LwA)		107 dB	
fibration on hands/arms	< 2.50 m/s ²		
loise at driving position (LpA) tested following NF EN 12053 norm	75 dB		
Miscellaneous			
Cab certification	Cabin ROPS - FOPS level 2 JSM		

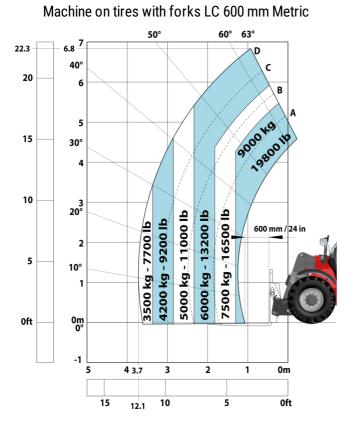
MHT-X 790 ST3A - Dimensional drawing



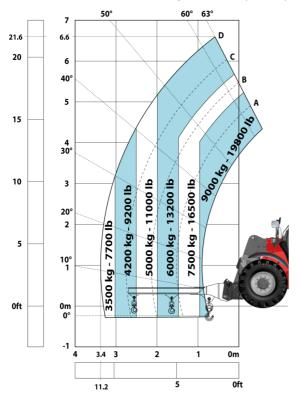




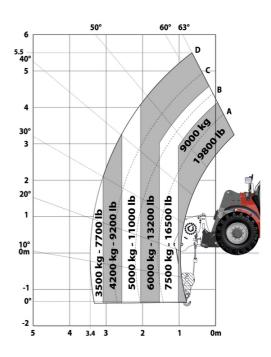
MHT-X 790 ST3A - Load chart



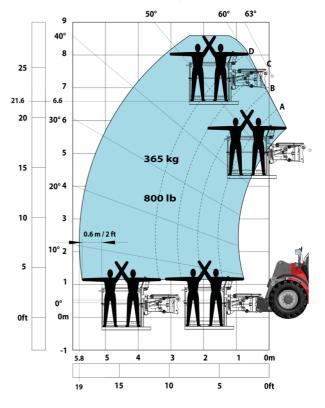
Machine on tires with 3-hook jib 9000 kg (Metric)

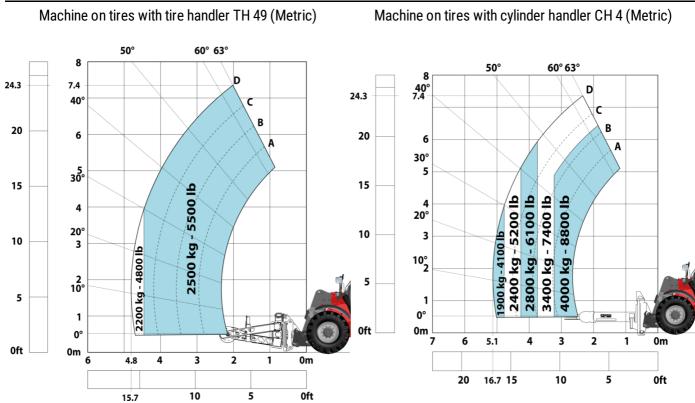


Machine on tires with winch 9000 kg (Metric)



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