Technical sheet:

# **MHT-X 790 ST3A**

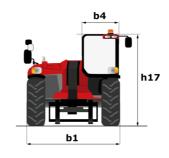


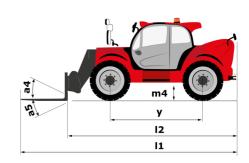


Capacities	Metric	
Max. capacity	9000 kg	
Load center of gravity	c 600 mm	
Max. lifting height	6.80 m	
Max. outreach	3.70 m	
Veight and dimensions		
Overall length	l1 6.41 m	
Inladen weight (with forks)	13160 kg	
round clearance	m4 0.44 m	
/heelbase	y 2.87 m	
ength to face of forks	12 5.21 m	
Overall width	b1 2.47 m	
Overall height	h17 2.54 m	
Overall cab width	b4 0.93 m	
ïlt-down angle	a5 109 °	
ilt-up angle	a4 15°	
External turning radius (over tyres)	Wa1 4.72 m	
orks length / width / section	1/e/s 1200 mm x 200 mm / 60 m	ım
Wheels	1,70,70	
Standard tires	445/65 R22,5	
Number of front wheels / rear wheels	2/2	
Orive wheels (front / rear)	2/2	
Steering mode	2 wheel steer, 4 wheel steer, Cra	h mode
Engine Engine	2 micer steer, 4 micer steer, sta	billode
Engine brand	Yanmar	
Engine norm	Stage IIIA	
Engine model	4TN107HT-5SMUF	
Number of cylinders / Capacity of cylinders	4 - 4567 cm <sup>3</sup>	
.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	12 V 10050 daN	
Transmission	10030 dain	
	Hudrostotio	
Fransmission type Number of gears (forward / reverse)	Hydrostatic 2 / 2	
	2 / 2 35 km/h	
Max. travel speed		nale a
Parking brake	Automatic negative parking b	
Service brake	Oil-immersed multi-discs braking on axles	Hom & lea
Gradeability (laden / unladen)	48.10 % / 37.40 %	
lydraulics		
Hydraulic pump type	Variable displacement pum	np
Hydraulic flow - Pressure	185 l/min - 270 bar	
Fank capacities		
Engine oil	13	
Hydraulic oil	151	
Fuel tank	165 I	
Noise and vibration		
Noise at driving position (LpA)	75 dB	
Noise to environment (LwA)	107 dB	
Vibration on hands/arms	< 2.50 m/s <sup>2</sup>	
Miscellaneous	× 2.30 III/3	
Safety cab homologation	ROPS - FOPS level 2 cab	
Controls	JSM	

## MHT-X 790 ST3A - Dimensional drawing

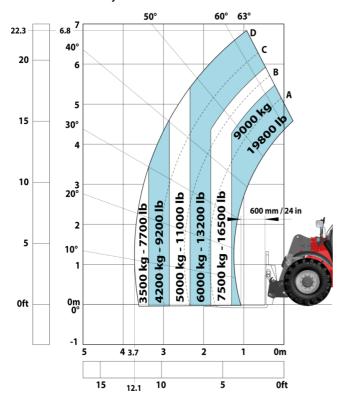




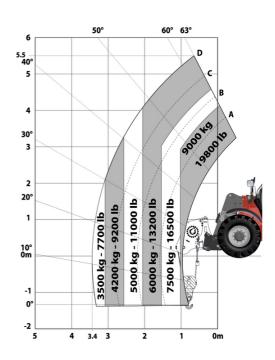


### MHT-X 790 ST3A - Load chart

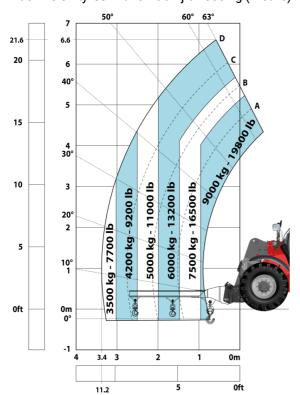
#### Machine on tyres with forks LC 600 mm Metric



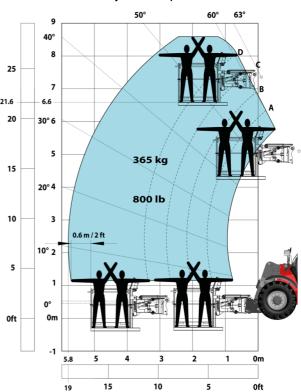
### Machine on tyres with winch 9000 kg (Metric)



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

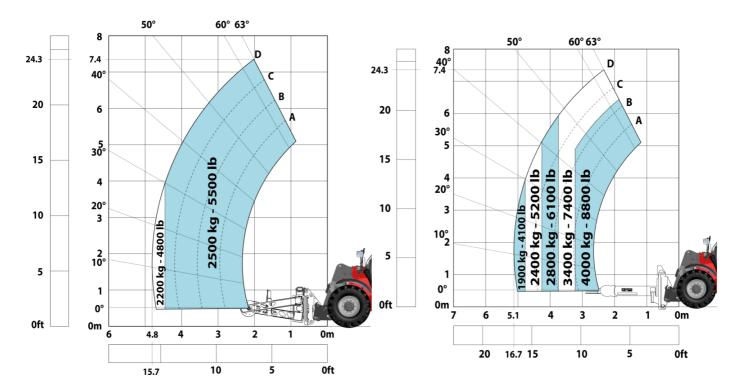


### Machine on tyres with platform Metric



Machine on tyres with tyre handler TH 49 (Metric)

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