Technical sheet:

MHT-X 790 ST3A

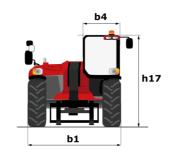


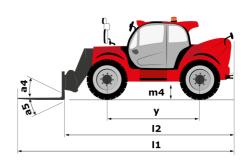


Capacities	Metric		
Max. capacity	9000 kg		
Load center of gravity	c 600 mm		
Max. lifting height	6.80 m		
Maximum outreach	3.70 m		
Weight and dimensions			
Overall length	l1 6.41 m		
Jnladen weight (with forks)	13160 kg		
Ground clearance		m4 0.44 m	
Wheelbase	y 2.87 m		
Length to face of forks	l2 5.21 m		
Overall width	b1 2.47 m		
Overall height	h17 2.54 m		
Overall cab width	b4 0.93 m		
Filt-up angle	a4 15°		
Tilt-down angle	a5 109 °		
	Wa1 4.72 m		
External turning radius (over tyres)		. v. 60	
Forks length / width / section	I / e / s 1200 mm x 200 mm	X 60 mm	
Wheels	445/65 P00	-	
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 st	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		
.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	10050 daN	
Transmission			
Fransmission type	Hydrostatio	Hydrostatic	
Number of gears (forward / reverse)	2/2	2/2	
Max. travel speed	35 km/h	35 km/h	
Parking brake	Automatic negative pa	Automatic negative parking brake	
Service brake	Oil-immersed multi-discs bra axles	Oil-immersed multi-discs braking on front & rear axles	
Gradeability (laden / unladen)	48.10 % / 37.4	10 %	
Hydraulics			
Hydraulic pump type	Variable displacem	ent pump	
Hydraulic flow - Pressure		185 l/min - 270 bar	
Fank capacities			
Engine oil	131		
Fuel tank		165	
Noise and vibration	1001	<u></u>	
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			
Noise at anying position (LpA) tested following NF EN 12053 norm Miscellaneous	75 dB		
	Out: page for	Clavel 2	
Cab certification Controls	Cabin ROPS - FOP JSM	s ievei Z	

MHT-X 790 ST3A - Dimensional drawing

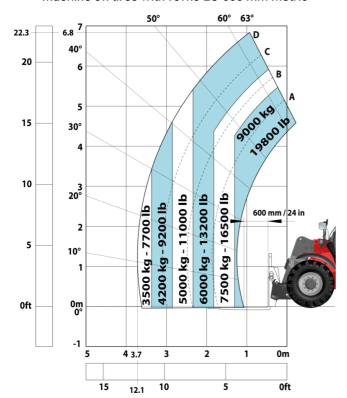




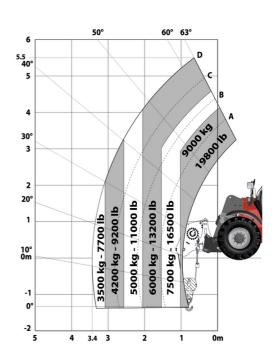


MHT-X 790 ST3A - Load chart

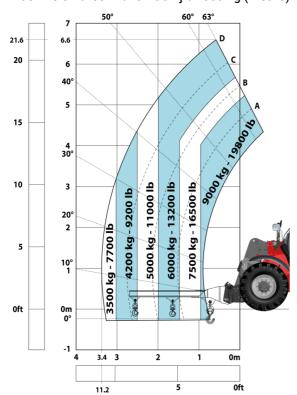
Machine on tires with forks LC 600 mm Metric



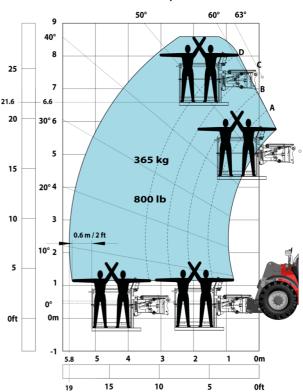
Machine on tires with winch 9000 kg (Metric)



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

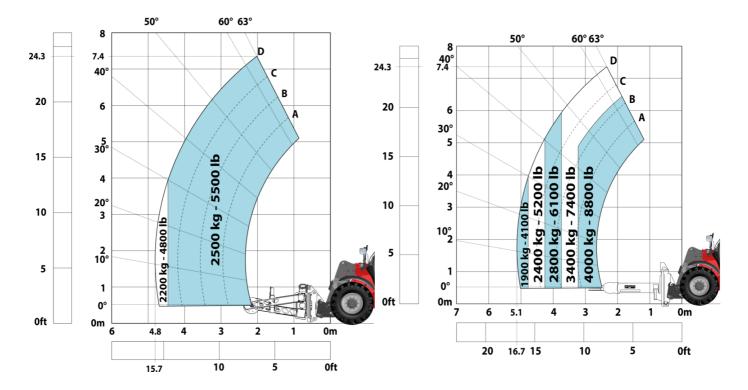


Machine on tires with platform Metric



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