Technical sheet:

MHT 790 ST5

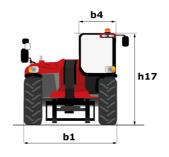


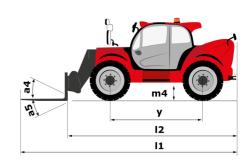


	MHT 790 STS Created on November 8, 20	025 at 8:25 PM U	
Capacities	Metri	C	
Max. capacity	9000 1		
Load center of gravity	c 600 m	m	
Max. lifting height	6.80	n	
Maximum outreach	3.70	n	
Weight and dimensions			
Overall length	l1 6.41 ı	n	
Inladen weight (with forks)	13420	kg	
Ground clearance	m4 0.44 I	n	
Vheelbase	у 2.87 г	n	
ength to face of forks	12 5.21 ι	n	
Overall width	b1 2.47 i	n	
Overall height	h17 2.54 i	m	
Overall cab width	b4 0.93 i	m	
Filt-up angle	a4 15 °		
Tilt-down angle	a5 109	•	
External turning radius (over tyres)	Wa1 4.72	m	
Forks length / width / section	I / e / s 1200 mm x 200 i	mm x 60 mm	
Wheels			
Standard tires	445/65 F	22,5	
Number of front wheels / rear wheels	2/2	2/2	
Drive wheels (front / rear)	2/2	2/2	
Steering mode	2 wheel steer, 4 wheel	2 wheel steer, 4 wheel steer, Crab mode	
Engine			
ingine brand	Yanm	ar	
Engine norm		Stage V, Tier 4	
Engine model	4TN107FHT-5SMUF		
Number of cylinders / Capacity of cylinders	4 - 4567 cm ³		
Engine power (Hp / kW)	143 Hp / 105 kW		
Max. torque / Engine rotation	602 Nm@1500 rpm		
Engine cooling system	Water cooled		
Drawbar pull	10050 daN		
Fransmission type	Hydrost	atic	
Number of gears (forward / reverse)		2/2	
Max. travel speed	35 km	35 km/h	
Parking brake	Automatic negative	Automatic negative parking brake	
Service brake	Oil-immersed multi-discs braking on front & rear axles		
Gradeability (laden / unladen)	48.10 % / 3	7.40 %	
lydraulics			
lydraulic pump type	Variable displac	ement pump	
lydraulic flow - Pressure		185 l/min - 270 bar	
Tank capacities			
Engine oil	13		
lydraulic oil	151		
uel	165		
Diesel Exhaust fluid (AdBlue® type)	201		
Noise and vibration			
Noise to environment (LwA)	107 d	107 dB	
Vibration on hands/arms	< 2.50 n	< 2.50 m/s²	
Noise at driving position (LpA) tested following NF EN 12053 norm	75 dl	В	
Miscellaneous			
Cab certification	Cabin ROPS - F	OPS level 2	
Controls	JSM		

MHT 790 ST5 - Dimensional drawing

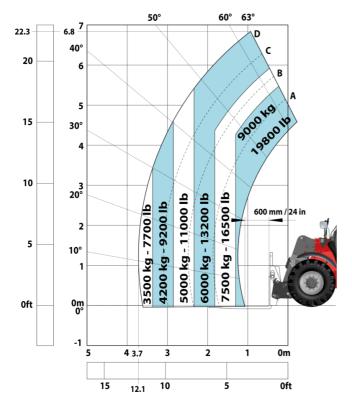




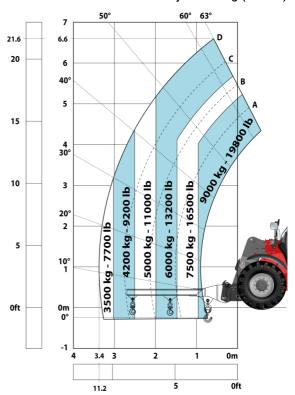


MHT 790 ST5 - Load chart

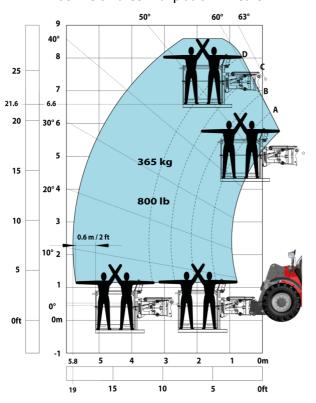
Machine on tires with forks LC 600 mm Metric



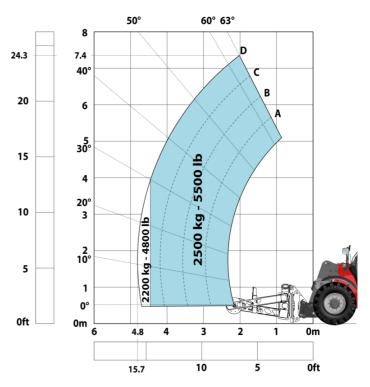
Machine on tires with 3-hook jib 9000 kg (Metric)



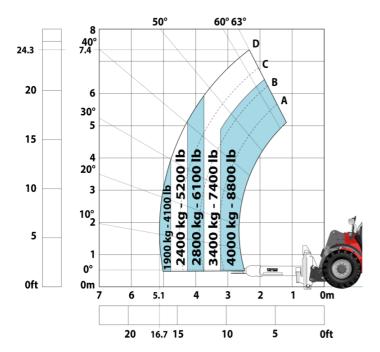
Machine on tires with platform Metric



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