Technical sheet :

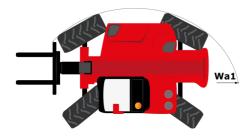


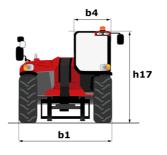


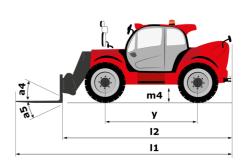


Capacities		Metric	Imperial
Max. capacity		9000 kg	19842 lb
.oad center of gravity	С	600 mm	24 in
lax. lifting height		6.84 m	22 ft 5 in
laximum outreach		3.72 m	12 ft 2 in
leight and dimensions			
verall length	1	5.27 m	17 ft 4 in
nladen weight (with forks)		13160 kg	29013 lb
round clearance	m4	0.40 m	1 ft 4 in
heelbase	у	2.87 m	9 ft 5 in
ength to face of forks	12	5.27 m	17 ft 3 in
verall width	b1	2.47 m	8 ft 1 in
verall height	h17	2.47 m	8 ft 1 in
verall cab width	b4	0.93 m	3 ft 1 in
It-up angle	a4	12 °	12 °
It-down angle	a5	125 °	125 °
kternal turning radius (over tyres)	Wa1	4.88 m	16 ft
uter turning radius (with forks)	b15	5.59 m	18 ft 4 in
orks length / width / section	l/e/s	1200 mm x 200 mm x 60 mm	47 in x 8 in x 2 in
/heels	1/0/3		
andard tires		Aeolus - TLAG P23 - 445/65 R22.5	Aeolus - TLAG P23 - 445/65 R22.5
umber of front wheels / rear wheels		2/2	2/2
teering wheels (front / rear)		2/2	2/2
rive wheels (front / rear)		2/2	2/2
leering mode		2 wheel steer, 4 wheel steer, Crab mode	2 wheel steer, 4 wheel steer, Crab mode
-		z wheel steel, 4 wheel steel, clab mode	2 wheel steer, 4 wheel steer, clab mode
ngine ngine brand		John Deere	John Deere
ngine norm			Stage IV, Tier 4 final
		Stage IV, Tier 4 final 4045PWL	-
ngine model			4045PWL
umber of cylinders / Capacity of cylinders		4 - 4500 cm ³	4 - 275 in ³
C. Engine power rating / Power		141 Hp / 104 kW	141 Hp / 104 kW
lax. torque / Engine rotation		534 Nm@1500 rpm	394 ft/lbs@1500 rpm
ngine cooling system		Water	Water
attery voltage		12 V	12 V
rawbar pull		10905 daN	10905 daN
ransmission			
ransmission type		Hydrostatic	Hydrostatic
lumber of gears (forward / reverse)		2/2	2/2
lax. travel speed		30 km/h	19 mph
arking brake		Automatic Negative Hand-brake	Automatic Negative Hand-brake
ervice brake		Oil bath	Oil bath
radeability (laden / unladen)		37.40 % / 48.10 %	37.40 % / 48.10 %
lydraulics			
ydraulic pump type		Variable displacement pump	Variable displacement pump
ydraulic flow - Pressure		180 l/min - 270 bar	48 US gpm - 3916 PSI
ank capacities			
ngine oil		13 I	3 US gal
uel tank		147 I	39 US gal
iesel Exhaust fluid (AdBlue® type)		12	3 US gal
oise and vibration			
oise to environment (LwA)		103 dB	103 dB
ibration on hands/arms		< 2.50 m/s ²	< 2.50 m/s²
liscellaneous			
Cab certification		Cabin ROPS - FOPS level 2	Cabin ROPS - FOPS level 2
Controls		JSM	JSM

MHT 790 - Dimensional drawing



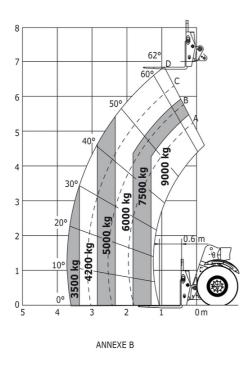




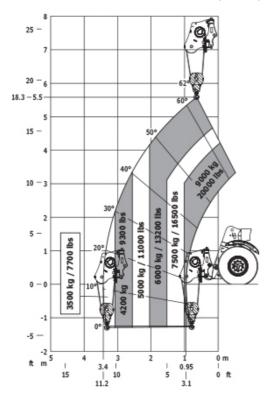
мнт то Created on July 3, 2025 at 8:03 PM UTC

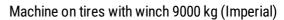
MHT 790 - Load chart

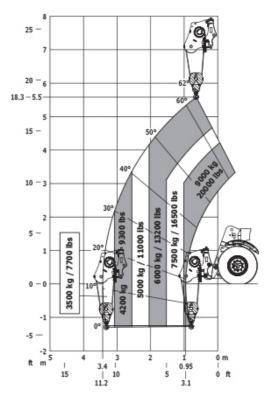
Machine on tires with forks LC 600 mm Metric



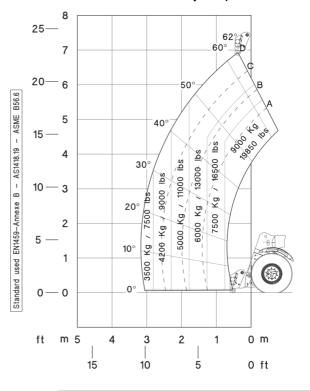
Machine on tires with winch 9000 kg (Metric)

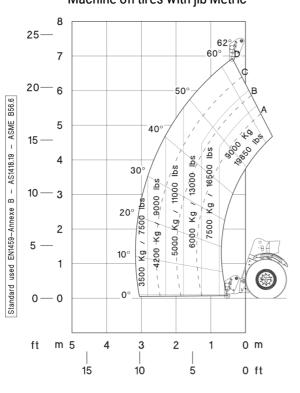






Machine on tires with jib Imperial





Machine on tires with jib 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