

Technical sheet :

MLT 630-115 (S1)



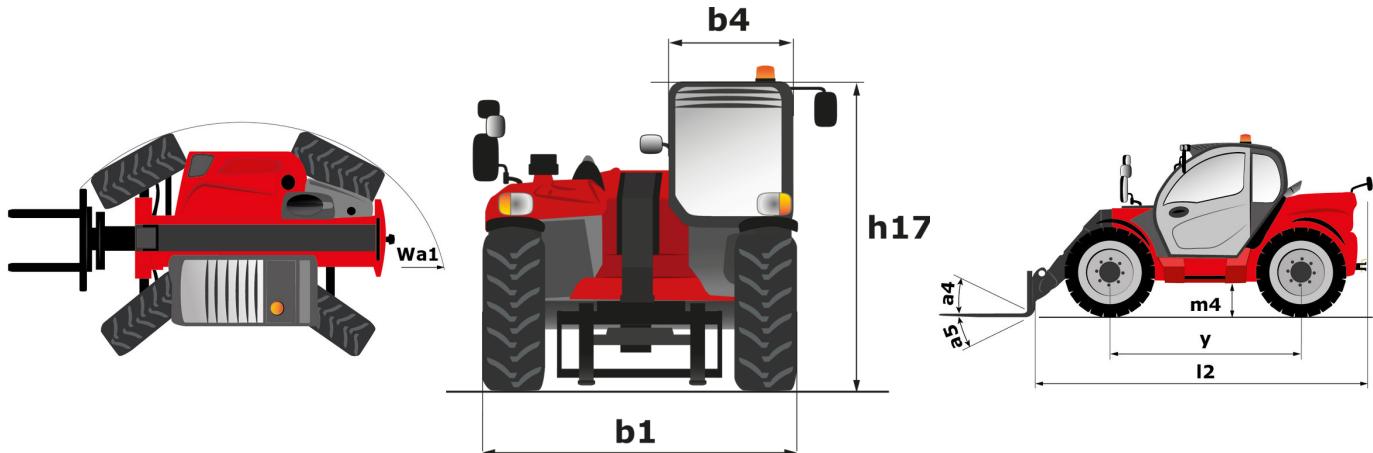
 **MANITOU**
HANDLING YOUR WORLD

Capacities		Metric	
Max. capacity	Q	3000 kg	
Max. lifting height	h3	6.10 m	
Maximum outreach		3.34 m	
Reach at max. height		0.90 m	
Breakout force with bucket		4517 daN	
Weight and dimensions			
Unladen weight (with forks)		7010 kg	
Ground clearance	m4	0.35 m	
Wheelbase	y	2.69 m	
Overall length to carriage (with hitch)	l11	4.78 m	
Overall length to carriage (without hitch)	l3	4.63 m	
Front overhang		1.25 m	
Overall width	b1	2.13 m	
Overall cab width	b4	0.95 m	
Overall height	h17	2.34 m	
Tilt-down angle	a5	133 °	
Tilt-up angle	a4	13 °	
External turning radius (over tyres)	Wa1	3.68 m	
Standard tires		Alliance - A580 - 405/70 R24 152A8	
Drive wheels (front / rear)		2 / 2	
Steering mode		Manicrab, 2 wheel steer, 4 wheel steer, Crab mode	
Performances			
Lifting		6.50 s	
Lowering		4.80 s	
Extension		6 s	
Retraction		5.20 s	
Crowd		3.30 s	
Dump		2.60 s	
Engine			
Engine brand		Deutz	
Engine norm		Stage V	
Engine model		TCD 3.6 L4	
Number of cylinders - Capacity of cylinders		4 - 3621 cm³	
Engine power (Hp / kW)		116 Hp / 85 kW	
Max. torque / Engine rotation		460 Nm @1600 rpm	
Drawbar pull (Laden)		6300 daN	
Reversible fan		Standard	
Engine cooling system		5 (radiators water + intercooler + hydraulic oil + transmission oil + fuel)	
HVO validated (according to EN 15940 standard)		Yes	
Transmission			
Transmission type		Torque converter	
Gearbox		Powershuttle	
Number of gears (forward / reverse)		4 / 4	
Max. travel speed (may vary according to applicable regulations)		40 km/h	
Differential lock		Limited slip differential on front axle	
Parking brake		Manual	
Service brake		Oil-immersed multi-discs braking on front & rear axles	
Hydraulics			
Hydraulic pump type		Gear pump	
Hydraulic flow - Pressure		106 l/min - 250 bar	
Flow sharing distributor		Option	
Tank capacities			
Hydraulic tank capacity		94 l	
Fuel		78 l	
Diesel Exhaust fluid (AdBlue® type)		13 l	
Noise and vibration			
Noise at driving position (LpA) tested following NF EN 12053 norm		74 dB	
Noise to environment (LwA)		105 dB	
Vibration on hands/arms		2.50 m/s²	
Miscellaneous			
Tractor homologation		Tractor homologation	
Cab certification		Cabin ROPS - FOPS level 2	
Controls		JSM	

Optional tires tab

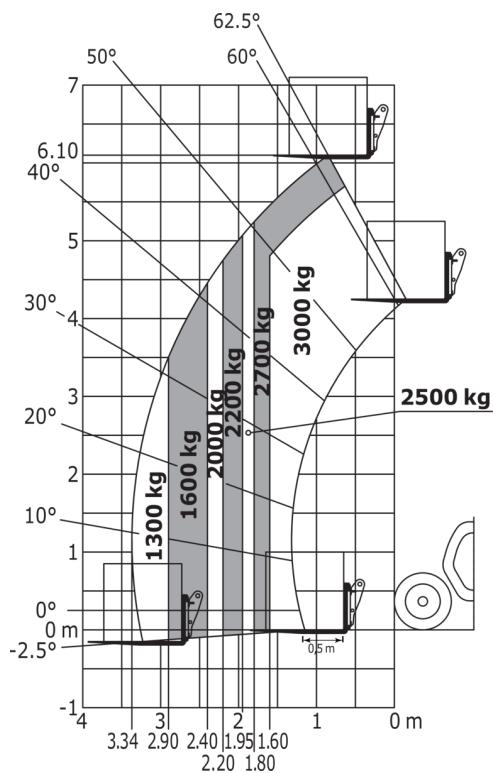
	Overall height	Overall width
ALLIANCE - A580 - 400/70 R20 149A8	2.29 m	2.06 m
ALLIANCE - A580 - 460/70 R24 159A8	2.37 m	2.16 m
MICHELIN - BIBLOAD - 400/70 R20 149A8	2.33 m	2.06 m
MICHELIN - BIBLOAD - 460/70 R24 159A8	2.37 m	2.16 m
MICHELIN - XMCL - 400/70 R20 149A8	2.28 m	2.06 m
MICHELIN - XMCL - 460/70 R24 159A8	2.37 m	2.16 m
NOKIAN - TRI STEEL - 460/65 R24 156A8	2.35 m	2.15 m
TRELLEBORG - TH400 - 460/70 R24 159A8	2.37 m	2.16 m
VREDESTEIN - ENDURION - 460/70 R24 159A8	2.37 m	2.17 m

MLT 630-115 (S1) - Dimensional drawing



MLT 630-115 (S1) - Load chart

Machine on tires with forks 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