Technical sheet:

MLT 937-115 (S1)





Capacities	Metric	
Max. capacity	Q 3700 kg	
Max. lifting height	h3 9.10 m	
Maximum outreach	6.55 m	
each at max. height	2.20 m	
•	4472 daN	
Breakout force with bucket	447Z QaN	
Veight and dimensions	0005 has	
Inladen weight (with forks)	8235 kg	
Ground clearance	m4 0.44 m	
Vheelbase	y 2.81 m	
Overall length to carriage (with hitch)	l11 5.12 m	
ront overhang	1.36 m	
Overall width	b1 2.39 m	
Overall cab width	b4 0.95 m	
Overall height	h17 2.38 m	
ilt-down angle	a5 133 °	
ïlt-up angle	a4 14 °	
external turning radius (over tyres)	Wa1 3.93 m	
Standard tires	Alliance - A580 - 460/70 R24 159	A8
rive wheels (front / rear)	2/2	
teering mode	Manicrab, 2 wheel steer, 4 wheel steer, 0	Crab mo
Performances		
ifting	7.75 s	
owering	7.43 s	
extension	10.91 s	
letraction	9.63 s	
Crowd	3.68 s	
Dump	3.12 s	
Engine	3.12.5	
Engine brand	Deutz	
•		
Engine norm	Stage V	
Engine model	TCD 3.6 L4	
Number of cylinders - Capacity of cylinders	4 - 3621 cm³	
ingine power (Hp / kW)	116 Hp / 85 kW	
Max. torque / Engine rotation	460 Nm @1600 rpm	
Prawbar pull (Laden)	8400 daN	
Reversible fan	Option	
ingine cooling system	4 radiators (water + intercooler + hydrau transmission oil)	ulic oil +
IVO validated (according to EN 15940 standard)	Yes	
ransmission		
ransmission type	Torque converter	
earbox	Powershuttle	
lumber of gears (forward / reverse)	4 / 4	
Max. travel speed (may vary according to applicable regulations)	33 km/h	
		wla.
Differential lock	Limited slip differential on front a	
Parking brake	Automatic negative parking brak	
Service brake	Oil-immersed multi-discs braking on fro axles	ont & rea
lydraulics	uned	
lydraulic pump type	Variable displacement pump	
lydraulic flow - Pressure	150 I/min - 270 bar	
low sharing distributor	Standard	
Tank capacities	Stanudiu	
lydraulic tank capacity	135	
yaraulic tank capacity uel		
	120	
Diesel Exhaust fluid (AdBlue® type)	10	
Noise and vibration		
loise at driving position (LpA) tested following NF EN 12053 norm	75 dB	
fibration on hands/arms	< 2.50 m/s²	
Miscellaneous		
Fractor homologation	Tractor homologation	
Cab certification	Cabin ROPS - FOPS level 2	
Controls	JSM	

Optional tires tab

	Overall height	Overall width
TRELLEBORG - TH400 - 460/70 R24 159A8	2.37 m	2.40 m
TRELLEBORG - TH400 - 500/70 R24 164A8	2.39 m	2.42 m
MICHELIN - XMCL - 500/70 R24 164A8	2.39 m	2.43 m
MICHELIN - BIBLOAD - 460/70 R24 159A8	2.37 m	2.40 m
MICHELIN - BIBLOAD - 500/70 R24 164A8	2.39 m	2.43 m
MICHELIN - XHA - 15.5 R25 158A2	2.37 m	2.40 m
NOKIAN - TRI STEEL - 460/65 R24 156A8	2.36 m	2.40 m
MICHELIN - XMCL - 460/70 R24 159A8	2.37 m	2.40 m
VREDESTEIN - ENDURION - 460/70 R24 159A8	2.38 m	2.41 m
VREDESTEIN - ENDURION - 500/70 R24 164A8	2.41 m	2.44 m
TRELLEBORG - TH500 - 460/70 R24 159A8	2.37 m	2.40 m
ALLIANCE - A585 - 460/70 R24 159A8	2.37 m	2.40 m

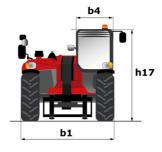
Options / Finishing

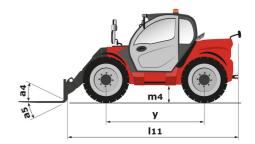
S: Standard / O: Optional / -: Not available

	Classic	Premium
Lifting function		
Attachment hydraulic locking	0	0
Operator station		
Air suspension fabric seat - GRAMMER	0	S
Automatic air conditioning	0	S
Bluetooth USB radio - With extra microphone - 100W	0	0
Bluetooth USB radio - With integrated microphone - 100W	0	S
Boom suspension - "Active CRC"	0	0
Extra front wiper	0	S
Harmony screen - 5 in.	S	S
Lateral wiper	0	0
Low frequency air suspension fabric seat - GRAMMER	0	0
Low frequency air suspension fabric seat with heating - GRAMMER	0	0
Mechanical suspension fabric seat - GRAMMER	S	-
Storage box - On the shelf	0	0
Tuner car radio - 50W	S	-
Motorization/Power		
Auto reversing fan	0	0
Continuous flow hydraulics	0	0
Secondary functions		
Automatic greasing system (AGS) - Chassis + boom	0	0
Lighting		
led front road lights	0	0
LED work lights - On the top of the boom (fixed part) (x2)	0	0

MLT 937-115 (S1) - Dimensional drawing

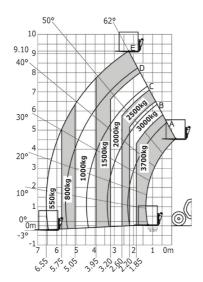




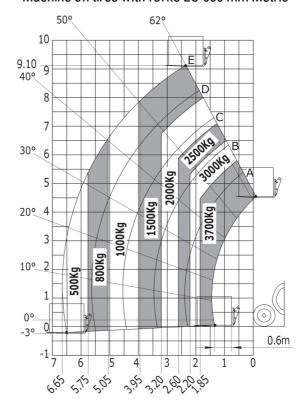


MLT 937-115 (S1) - Load chart

Machine on tires with forks Metric



Machine on tires with forks LC 600 mm 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