Technical sheet:

MLT-X 738-130 PS+ (S1)





	MLT-X 738-130 PS+ (S1) Created on September 1, 2025	at 2:39 AM U
Capacities	Metric	
Max. capacity	Q 3800 kg	
Max. lifting height	h3 6.91 m	
Maximum outreach	3.98 m	
Reach at max. height	1 m	
Breakout force with bucket	6095 daN	
Weight and dimensions		
Unladen weight (with forks)	7470 kg	
Ground clearance	m4 0.41 m	
Wheelbase	y 2.81 m	
Overall length to carriage (with hitch)	I11 5.03 m	
Front overhang	1.27 m	
Overall width	b1 2.39 m	
Overall cab width	b4 0.95 m	
Overall height	h17 2.38 m	
Tilt-down angle	a5 133 °	
Tilt-up angle	a4 14 °	
· -		
External turning radius (over tyres)	Wa1 3.93 m	0.004.1504.0
Standard tires	Alliance - A580 - 460/7	J R24 159A8
Drive wheels (front / rear)	2/2	
Steering wheels (front / rear)	2/2	
Performances		
Lifting	7.30 s	
Lowering	5.50 s	
Extension	6.30 s	
Retraction	5.70 s	
Crowd	3.60 s	
Dump	3.10 s	
Engine		
Engine brand	Deutz	
Engine norm	Stage IIIA	
Engine model	TCD 3,6 L4	f
Number of cylinders - Capacity of cylinders	4 - 3621 cm	3
I.C. Engine power rating / Power	129 Hp / 95 k	W
Max. torque / Engine rotation	500 Nm @1600	rpm
Drawbar pull (Laden)	8000 daN	
Reversible fan	Standard	
	4 radiators (water + intercoole	er + hydraulic oil +
Engine cooling system	transmission	
HVO validated (according to EN 15940 standard)	Yes	
Transmission		
Transmission type	Torque conver	ter
Gearbox	Powershift	
Number of gears (forward / reverse)	6/3	
Max. travel speed (may vary according to applicable regulations)	40 km/h	
Differential lock	Limited slip differential	on front axle
Parking brake	Automatic negative pa	
	Oil-immersed multi-discs brak	-
Service brake	axles	
Hydraulics		
Hydraulic pump type	Variable displaceme	ent pump
Hydraulic flow - Pressure	150 I/min - 270	bar
Flow sharing distributor	Standard	
Tank capacities		
Hydraulic tank capacity	1351	
Fuel tank	120	
Noise and vibration	1201	
Noise at driving position (LpA) tested following NF EN 12053 norm	75 dB	
Vibration on hands/arms	< 2.50 m/s ²	
Miscellaneous	< 2.50 III/8*	
Cab certification	Cabin ROPS - FOPS	loval 2
		ievei Z
Controls	JSM	

Optional tires tab

	Overall height	Overall width
ALLIANCE - A585 - 460/70 R24 159A8	2.37 m	2.40 m
NOKIAN - TRI STEEL - 460/65 R24 156A8	2.36 m	2.40 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
MICHELIN - XMCL - 460/70 R24 159A8	2.37 m	2.40 m
MICHELIN - XMCL - 500/70 R24 164A8	2.39 m	2.43 m
TRELLEBORG - TH400 - 460/70 R24 159A8	2.37 m	2.40 m
TRELLEBORG - TH500 - 460/70 R24 159A8	2.37 m	2.40 m
TRELLEBORG - TH400 - 500/70 R24 164A8	2.39 m	2.42 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

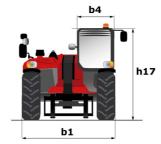
Options / Finishing

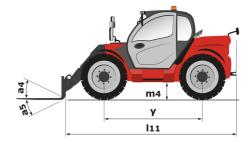
S: Standard / O: Optional / -: Not available

	Classic	Premium	Elite	Platinum
Lifting function				
Attachment hydraulic locking	0	0	0	S
Intelligent hydraulics	0	0	0	S
Regenerative Hydraulics	0	0	0	S
Operator station				
Air suspension fabric seat - GRAMMER	0	S	-	-
Automatic air conditioning	0	S	S	S
Automatic wheel alignment	0	0	S	S
Bluetooth USB radio - With extra microphone - 100W	0	0	S	S
Bluetooth USB radio - With integrated microphone - 100W	0	S	-	-
Boom suspension - "Active CRC"	0	0	S	S
Exterior right electric rear-view mirror with de-icing	0	0	S	S
Extra front wiper	0	S	S	S
HighView camera on boom head (telescopic part)	0	0	0	S
Lateral wiper	S	S	S	S
Low frequency air suspension fabric seat - GRAMMER	0	0	S	-
Low frequency air suspension fabric seat with heating - GRAMMER	0	0	0	S
Mechanical suspension fabric seat - GRAMMER	S	-	-	-
SafeView camera pack - Right hand side and rear (x2)	0	0	0	S
Storage box - On the shelf	0	0	0	S
Tuner car radio - 50W	S	-	-	-
Vision screen - 7 in.	S	S	S	S
Motorization/Power				
Auto reversing fan	S	S	S	S
Continuous flow hydraulics	0	0	S	S
Hand throttle	0	0	S	S
Secondary functions				
Automatic greasing system (AGS) - Chassis + boom	0	0	0	S
Lighting				
LED+ side work lights (x4)	0	0	0	S
led front road lights	0	0	0	S
LED work lights - On the top of the boom (fixed part) (x2)	0	0	0	S

MLT-X 738-130 PS+ (S1) - Dimensional drawing

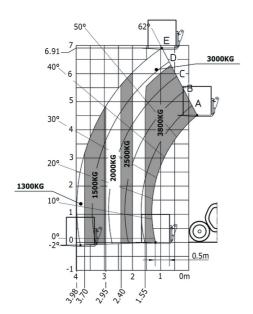






MLT-X 738-130 PS+ (S1) - Load chart

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