

Technical sheet :

MLT-X 738-130 PS+ (S1)



 **MANITOU**
HANDLING YOUR WORLD

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)	l11	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	
Standard tires	Alliance - A580 - 460/70 R24 159A8		
Drive wheels (front / rear)	2 / 2		
Steering mode	Manicrab, 2 wheel steer, 4 wheel steer, Crab mode		
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 cm³	
Engine power (Hp / kW)		129 Hp / 95 kW	
Max. torque / Engine rotation		500 Nm @1600 rpm	
Drawbar pull (Laden)		8000 daN	
Reversible fan		Standard	
Engine cooling system		4 radiators (water + intercooler + hydraulic oil + transmission oil)	
HVO validated (according to EN 15940 standard)		Yes	
Transmission			
Transmission type		Torque converter	
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 parking brake	
Service brake		Oil-immersed multi-discs braking on front & rear axles	
Hydraulics			
Hydraulic pump type		Variable displacement pump	
Hydraulic flow - Pressure		150 l/min - 270 bar	
Flow sharing distributor		Standard	
Tank capacities			
Hydraulic tank capacity		135 l	
Fuel		120 l	
Noise and vibration			
Noise at driving position (LpA) tested following NF EN 12053 norm		75 dB	
Vibration on hands/arms		2.50 m/s²	
Miscellaneous			
Cab certification		Cabin ROPS - FOPS level 2	
Controls		JSM	

Optional tires tab

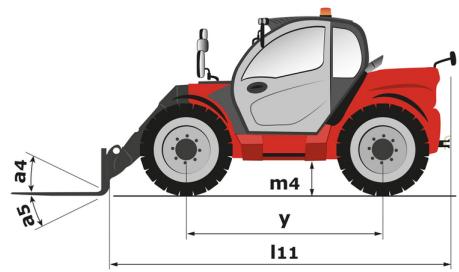
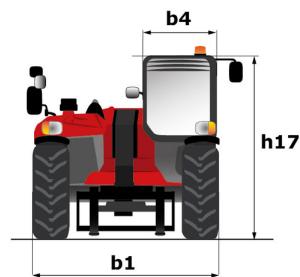
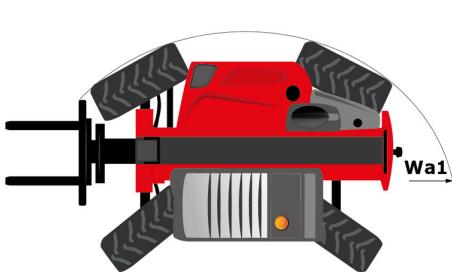
	Overall height	Overall width
ALLIANCE - A585 - 460/70 R24 159A8	2.37 m	2.40 m
NOKIAN - TRI STEEL - 460/65 R24 156A8	2.36 m	2.40 m
MICHELIN - BIBLOAD - 460/70 R24 159A8	2.37 m	2.40 m
MICHELIN - BIBLOAD - 500/70 R24 164A8	2.39 m	2.43 m
MICHELIN - XHA - 15.5 R25 158A2	2.37 m	2.40 m
MICHELIN - XMCL - 460/70 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 164A8	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

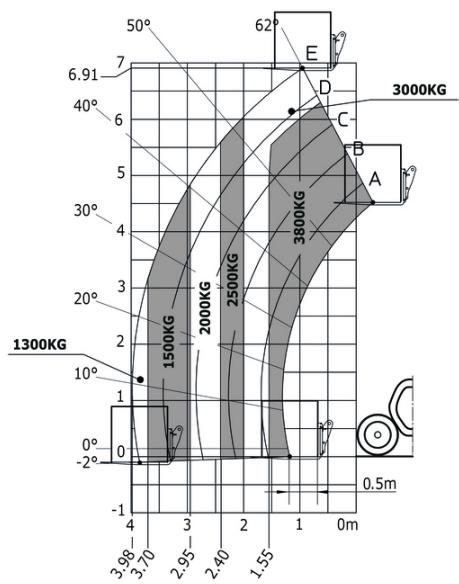
	Classic	Premium	Elite	Platinum
Lifting function				
Attachment hydraulic locking	0	0	0	S
Intelligent hydraulics	0	0	0	S
Regenerative Hydraulics	0	0	0	S
Operator station				
Air suspension fabric seat - GRAMMER	0	S	-	-
Automatic air conditioning	0	S	S	S
Automatic wheel alignment	0	0	S	S
Bluetooth USB 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