Technical sheet:

MLT 742-130 PS+ (S1)





Capacities	Metric	
Japaonies Max. capacity	Q 4200 kg	
Max. Lifting height	h3 6.91 m	
Maximum outreach	3.96 m	
Reach at max. height	1 m	
Breakout force with bucket	5748 daN	
Weight and dimensions	0400	
Jnladen weight (with forks)	8120 kg	
Ground clearance	m4 0.41 m	
Wheelbase	y 2.81 m	
Overall length to carriage (with hitch)	I11 5.02 m	
Front overhang	1.26 m	
Overall width	b1 2.39 m	
Overall cab width	b4 0.95 m	
Overall height	h17 2.38 m	
Filt-down angle	a5 133 °	
Filt-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 wheels (front / rear)	2/2	
Performances		
ifting	8.70 s	
Lowering	8.60 s	
Extension	6.90 s	
Retraction	6.10 s	
Crowd	3.60 s	
Dump	3.10 s	
	5.10 \$	
Engine	Doub	
Engine brand	Deutz	
Engine norm	Stage V	
Engine model	TCD 3.6 L4	
Number of cylinders - Capacity of cylinders	4 - 3621 cm³	
.C. Engine power rating / Power	129 Hp / 95 kW	
Max. torque / Engine rotation	500 Nm @1600 rpm	
Orawbar pull (Laden)	8000 daN	
Reversible fan	Standard	
Engine cooling system	4 radiators (water + intercooler + hy transmission oil)	draulic oil +
HVO validated (according to EN 15940 standard)	Yes	
Transmission		
Fransmission 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 fro	
Parking brake	Automatic negative parking l	
Service brake	Oil-immersed multi-discs braking oi axles	i front & rea
Hydraulics	ZAICO	
Hydraulic pump type	Variable displacement pui	mp
Hydraulic flow - Pressure	150 I/min - 270 bar	
Flow sharing distributor	Standard	
Fank capacities	Stallualu	
	135	
Hydraulic tank capacity		
Fuel tank	1201	
Diesel Exhaust fluid (AdBlue® type)	10	
Noise and vibration		
Noise at driving position (LpA) tested following NF EN 12053 norm	72 dB	
/ibration on hands/arms	< 2.50 m/s²	
Miscellaneous		
Fractor homologation	Tractor homologation	
Cab certification	Cabin ROPS - FOPS level	2
	JSM	

Optional tires tab

	Overall height	0,
CE - A585 - 460/70 R24 159A8	2.37 m	
AN - TRI STEEL - 460/65 R24 156A8	2.36 m	2
HELIN - BIBLOAD - 460/70 R24 159A8	2.37 m	2.
CHELIN - BIBLOAD - 500/70 R24 164A8	2.39 m	2.4
CHELIN - XHA - 15.5 R25 158A2	2.37 m	2.4
HELIN - XMCL - 460/70 R24 159A8	2.37 m	2.4
HELIN - XMCL - 500/70 R24 164A8	2.39 m	2.4
LLEBORG - TH400 - 460/70 R24 159A8	2.37 m	2.4
ELLEBORG - TH400 - 500/70 R24 164A8	2.39 m	2.4
DESTEIN - ENDURION - 460/70 R24 159A8	2.38 m	2.4
EDESTEIN - ENDURION - 500/70 R24 164A8	2.41 m	2.4

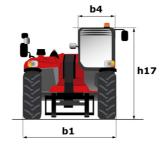
Options / Finishing

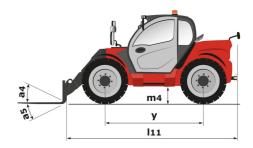
S : Standard / O : Optional / - : Not available

	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 742-130 PS+ (S1) - Dimensional drawing

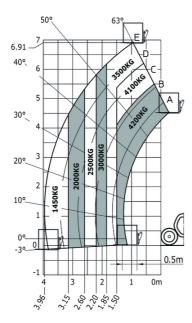






MLT 742-130 PS+ (S1) - Load chart

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