Technical sheet :

MLT 742-130 PS+ (S1)





MLT 742-130 PS+ (S1) Created on September 1, 2025 at 9:31 AM UTC

Capacities	Metric	
/ax. capacity	Q 4200 kg	
Aax. lifting height	h3 6.91 m	
Aaximum outreach	3.96 m	
each at max. height	1 m	
reakout force with bucket	5748 daN	
Veight and dimensions		
Inladen weight (with forks)	8120 kg	
round clearance	m4 0.41 m	
/heelbase	y 2.81 m	
verall length to carriage (with hitch)	l11 5.02 m	
ront overhang	1.26 m	
)verall width	b1 2.39 m	
iverall cab width	b4 0.95 m	
verall height	h17 2.38 m	
ilt-down angle	a5 133 °	
ilt-up angle	a4 14 °	
xternal turning radius (over tyres)	Wa1 3.93 m	
tandard tires	Alliance - A580 - 460/70 R24 159	٨٩
rive wheels (front / rear)	2 / 2	10
teering wheels (front / rear) erformances	2/2	
ifting	8.70 s	
owering	8.60 s	
xtension	6.90 s	
etraction	6.10 s	
rowd	3.60 s	
lump	3.10 s	
ingine		
ingine brand	Deutz	
ingine norm	Stage V	
ingine model	TCD 3.6 L4	
lumber of cylinders - Capacity of cylinders	4 - 3621 cm³	
C. Engine power rating / Power	129 Hp / 95 kW	
Aax. torque / Engine rotation	500 Nm @1600 rpm	
rawbar pull (Laden)	8000 daN	
leversible fan	Standard	
	4 radiators (water + intercooler + hydrau	ulic oil ·
ngine cooling system	transmission oil)	
IVO validated (according to EN 15940 standard)	Yes	
ransmission		
ransmission type	Torque converter	
earbox	Powershift	
umber of gears (forward / reverse)	6 / 3	
fax. travel speed (may vary according to applicable regulations)	40 km/h	
ifferential lock	Limited slip differential on front a	xle
arking brake	Automatic negative parking brak	е
ervice brake	Oil-immersed multi-discs braking on fro	ont & rea
	axles	
lydraulics		
ydraulic pump type	Variable displacement pump	
ydraulic flow - Pressure	150 l/min - 270 bar	
low sharing distributor	Standard	
ank capacities		
ydraulic tank capacity	135 I	
uel tank	120	
iesel Exhaust fluid (AdBlue® type)	10	
oise and vibration	72 dB	
loise and vibration loise at driving position (LpA) tested following NF EN 12053 norm	72 dB < 2.50 m/s²	
loise and vibration loise at driving position (LpA) tested following NF EN 12053 norm /ibration on hands/arms	72 dB < 2.50 m/s²	_
loise and vibration loise at driving position (LpA) tested following NF EN 12053 norm fibration on hands/arms Aiscellaneous	< 2.50 m/s²	
Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm /ibration on hands/arms /iiscellaneous Tractor homologation Cab certification		

Optional tires tab

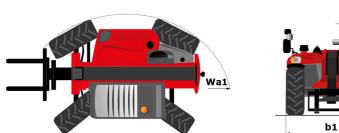
	Overall height
ALLIANCE - A585 - 460/70 R24 159A8	2.37 m
NOKIAN - TRI STEEL - 460/65 R24 156A8	2.36 m
MICHELIN - BIBLOAD - 460/70 R24 159A8	2.37 m
MICHELIN - BIBLOAD - 500/70 R24 164A8	2.39 m
MICHELIN - XHA - 15.5 R25 158A2	2.37 m
MICHELIN - XMCL - 460/70 R24 159A8	2.37 m
MICHELIN - XMCL - 500/70 R24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

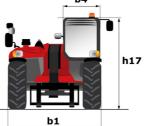
Options / Finishing

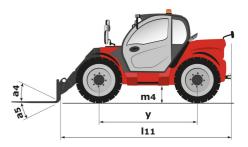
S: Standard / O: Optional / -: Not available

	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 742-130 PS+ (S1) - Dimensional drawing

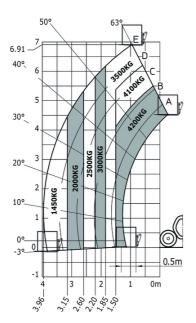






MLT 742-130 PS+ (S1) - Load chart

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