Technical sheet :

# **MLT 738-130 PS+ (S1)**





#### **MLT 738-130 PS+ (S1)** Created on August 31, 2025 at 9:19 PM UTC

	MLI 738-130 PS+ (SI) 010	ated off August 51, 2025 at 5.151 M c
Capacities		Metric
Max. capacity	Q	3800 kg
Max. lifting height	h3	6.91 m
Maximum outreach		3.98 m
leach at max. height		1 m
treakout force with bucket		6095 daN
Veight and dimensions		
Inladen weight (with forks)		7510 kg
Ground clearance	m4	0.41 m
Vheelbase	у	2.81 m
Overall length to carriage (with hitch)	11	5.03 m
ront overhang		1.27 m
Dverall width	b1	2.39 m
Dverall cab width	b4	0.95 m
Dverall height	h17	2.38 m
rilt-down angle	a5	133 °
Filt-up angle	a4	14 °
External turning radius (over tyres)	Wa1	3.93 m
Standard tires	Wal	Alliance - A580 - 460/70 R24 159A8
Drive wheels (front / rear)		2/2
Steering wheels (front / rear)		2 / 2
Performances		
ifting		7.30 s
owering		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 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
Drawbar pull (Laden)		8000 daN
Reversible fan		Standard
		4 radiators (water + intercooler + hydraulic oil +
Engine cooling system		transmission oil) Yes
IVO validated (according to EN 15940 standard)		fes
Fransmission		- ·
Fransmission type		Torque converter
Searbox		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 & rea axles
Hydraulic pump type		
Hydraulic flow - Pressure		Variable displacement pump
		Variable displacement pump 150 I/min - 270 bar
-low sharing distributor		150 l/min - 270 bar
Fank capacities		150 l/min - 270 bar Standard
Fank capacities Hydraulic tank capacity		150 l/min - 270 bar Standard 135 l
T <mark>ank capacities</mark> Hydraulic tank capacity Fuel tank		150 l/min - 270 bar Standard 135 l 120 l
Fank capacities Hydraulic tank capacity Fuel tank Diesel Exhaust fluid (AdBlue® type)		150 l/min - 270 bar Standard 135 l
Fank capacities Hydraulic tank capacity Fuel tank Diesel Exhaust fluid (AdBlue® type) Noise and vibration		150 I/min - 270 bar Standard 135 I 120 I 10 I
Fank capacities Hydraulic tank capacity Fuel tank Diesel Exhaust fluid (AdBlue® type) Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm		150 I/min - 270 bar Standard 135 I 120 I 10 I 72 dB
Tank capacities Hydraulic tank capacity Fuel tank Diesel Exhaust fluid (AdBlue® type) Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Vibration on hands/arms		150 I/min - 270 bar Standard 135 I 120 I 10 I
Fank capacities Hydraulic tank capacity Fuel tank Diesel Exhaust fluid (AdBlue® type) Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm /ibration on hands/arms Viiscellaneous		150 l/min - 270 bar Standard 135 l 120 l 10 l 72 dB < 2.50 m/s <sup>2</sup>
Tank capacities Hydraulic tank capacity Fuel tank Diesel Exhaust fluid (AdBlue® type) Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Vibration on hands/arms Miscellaneous		150 I/min - 270 bar Standard 135 I 120 I 10 I 72 dB < 2.50 m/s² Tractor homologation
Flow sharing distributor Tank capacities Hydraulic tank capacity Fuel tank Diesel Exhaust fluid (AdBlue® type) Noise and vibration Noise at driving position (LpA) tested following NF EN 12053 norm Vibration on hands/arms Miscellaneous Tractor homologation Cab certification		150 l/min - 270 bar Standard 135 l 120 l 10 l 72 dB < 2.50 m/s <sup>2</sup>

## Optional tires tab

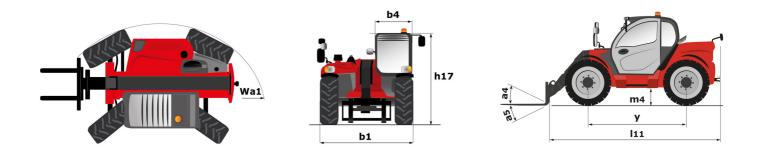
	Overall height	Overall width
ALLIANCE - A585 - 460/70 R24 159A8	2.37 m	2.40 m
NOKIAN - TRI STEEL - 460/65 R24 156A8	2.36 m	2.40 m
MICHELIN - BIBLOAD - 460/70 R24 159A8	2.37 m	2.40 m
MICHELIN - BIBLOAD - 500/70 R24 164A8	2.39 m	2.43 m
MICHELIN - XMCL - 500/70 R24 164A8	2.39 m	2.43 m
MICHELIN - XHA - 15.5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

### **Options / Finishing**

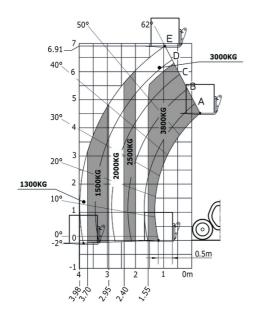
S : Standard / O : Optional / - : Not available

	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 738-130 PS+ (S1) - Dimensional drawing



MLT 738-130 PS+ (S1) - Load chart Machine on tires with forks Metric





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