Technical sheet:

MLT 742-130 PS+ (S1)





	MLT 742-130 PS+ (S1) Crea	ited on September 1, 2025 at 6:56 AM L
Capacities		Metric
Max. capacity	Q	4200 kg
Max. lifting height	h3	6.91 m
Aaximum outreach	9	3.96 m
Reach at max. height		1 m
Breakout force with bucket		5748 daN
Weight and dimensions		3740 uaiv
Inladen weight (with forks)		8120 kg
Fround clearance	m4	0.41 m
/heelbase	у	2.81 m
Iverall length to carriage (with hitch)	l11	5.02 m
ront overhang		1.26 m
Overall width	b1	2.39 m
verall cab width	b4	0.95 m
Overall height	h17	2.38 m
ilt-down angle	a5	133 °
ïlt-up angle	a4	14 °
xternal turning radius (over tyres)	Wa1	3.93 m
tandard tires		Alliance - A580 - 460/70 R24 159A8
rive wheels (front / rear)		2 / 2
Steering wheels (front / rear)		2/2
Performances		272
ifting		8.70 s
		8.60 s
owering		
xtension		6.90 s
etraction		6.10 s
crowd		3.60 s
lump		3.10 s
ngine		
ngine 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
Max. torque / Engine rotation		500 Nm @1600 rpm
Prawbar pull (Laden)		8000 daN
teversible fan		Standard
'neine earline austaus		4 radiators (water + intercooler + hydraulic oil +
ingine cooling system		transmission oil)
IVO validated (according to EN 15940 standard)		Yes
ransmission		
ransmission type		Torque converter
earbox		Powershift
lumber of gears (forward / reverse)		6/3
Max. travel speed (may vary according to applicable regulations)		40 km/h
ifferential lock		Limited slip differential on front axle
Parking brake		Automatic negative parking brake
		Oil-immersed multi-discs braking on front & rea
ervice brake		axles
lydraulics		
lydraulic pump type		Variable displacement pump
lydraulic flow - Pressure		150 l/min - 270 bar
low sharing distributor		Standard
ank capacities		
ydraulic tank capacity		135
uel tank		120 I
iesel Exhaust fluid (AdBlue® type)		10
loise and vibration		101
		72 dB
loise at driving position (LpA) tested following NF EN 12053 norm		
fibration on hands/arms		< 2.50 m/s²
Miscellaneous		
ractor homologation		Tractor homologation
Cab certification		Cabin ROPS - FOPS level 2

Optional tires tab

	Overall height	Overall wid
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 - 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

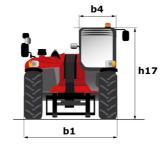
Options / Finishing

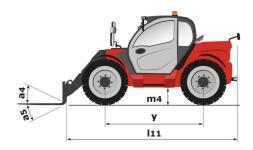
S : Standard / ${\tt O}$: Optional / - : Not available

	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

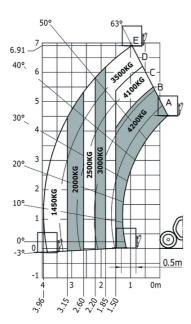






MLT 742-130 PS+ (S1) - Load chart

Machine on tires with forks Metric







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