Technical sheet:

MLT 742-130 PS+ (S1)





	MLT 742-130 PS+ (S1) Created on November 30, 2025 at 4:46 AM
Capacities	Metric
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	
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
ront overhang	1.26 m
Derall width	b1 2.39 m
Overall cab width	b4 0.95 m
Overall height	h17 2.38 m
ilt-down angle	a5 133 °
	a4 14 °
ilt-up angle	
xternal turning radius (over tyres)	Wa1 3.93 m
tandard tires	Alliance - A580 - 460/70 R24 159A8
Drive wheels (front / rear)	2/2
Steering mode	Manicrab, 2 wheel steer, 4 wheel steer, Crab mo
Performances	
ifting .	8.70 s
owering	8.60 s
xtension	6.90 s
etraction	6.10 s
rowd	3.60 s
ump	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
ingine power (Hp / kW)	129 Hp / 95 kW
Max. torque / Engine rotation	500 Nm @1600 rpm
rawbar pull (Laden)	8000 daN
eversible fan	Standard
ngine cooling system	4 radiators (water + intercooler + hydraulic oil 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 axle
arking brake	Automatic negative parking brake
ervice brake	Oil-immersed multi-discs braking on front & re axles
lydraulics	
lydraulic pump type	Variable displacement pump
lydraulic flow - Pressure	150 I/min - 270 bar
low sharing distributor	Standard
ank capacities	
lydraulic tank capacity	135
uel	120
iesel Exhaust fluid (AdBlue® type)	101
loise and vibration	
loise at driving position (LpA) tested following NF EN 12053 norm	72 dB
fibration on hands/arms	< 2.50 m/s ²
/iscellaneous	
ractor homologation	Tractor homologation
ab certification	Cabin ROPS - FOPS level 2
	Oublit Not O TOTO REVEL Z

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

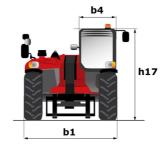
Options / Finishing

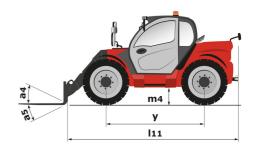
S : Standard / ${\tt O}$: Optional / - : Not available

	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

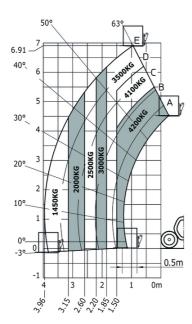






MLT 742-130 PS+ (S1) - Load chart

Machine on tires with forks Metric







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