

Technical sheet :

# **MLT 635-140 V+ (S2)**

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Capacities		Metric
Max. capacity	Q	3500 kg
Max. lifting height		6.13 m
Maximum outreach		3.26 m
Reach at max. height		0.60 m
Breakout force with bucket		5900 daN
Weight and dimensions		
Unladen weight (with forks)		7280 kg
Ground clearance	m4	0.42 m
Wheelbase	y	2.60 m
Overall length to carriage (with hitch)	l11	4.71 m
Front overhang		1.16 m
Overall width	b1	2.39 m
Overall cab width	b4	0.95 m
Overall height	h17	2.38 m
Tilt-down angle	a5	133 °
Tilt-up angle	a4	14 °
External turning radius (over tyres)	Wa1	3.77 m
Standard tires		Alliance - A580 - 460/70 R24 159A8
Drive wheels (front / rear)		2 / 2
Steering mode		Manicrab, 2 wheel steer, 4 wheel steer, Crab mode
Performances		
Lifting		7 s
Lowering		5.60 s
Extension		5 s
Retraction		4.30 s
Crowd		3.80 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 cm <sup>3</sup>
Engine power (Hp / kW)		136 Hp / 100 kW
Max. torque / Engine rotation		500 Nm @1600 rpm
Drawbar pull (Laden)		6480 daN
Reversible fan		Standard
Engine cooling system		Engine cooling system - 4 radiators (water + intercooler + hydraulic oil + hydraulic oil for transmission)
HVO validated (according to EN 15940 standard)		Yes
Transmission		
Transmission type		M-Vario Plus
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 & rear axles
Hydraulics		
Hydraulic pump type		Variable displacement pump
Hydraulic flow - Pressure		170 l/min - 270 bar
Flow sharing distributor		Standard
Tank capacities		
Hydraulic tank capacity		135 l
Fuel		120 l
Diesel Exhaust fluid (AdBlue® type)		10 l
Noise and vibration		
Noise at driving position (LpA) tested following NF EN 12053 norm		72 dB
Vibration on hands/arms		< 2.50 m/s <sup>2</sup>
Miscellaneous		
Tractor homologation		Tractor homologation
Cab certification		Cabin ROPS - FOPS level 2
Controls		JSM

## 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 - XHA - 15.5 R25 158A2	2.37 m	2.40 m
MICHELIN - XMCL - 460/70 R24 159A8	2.37 m	2.40 m
MICHELIN - BIBLOAD - 460/70 R24 159A8	2.37 m	2.40 m
TRELLEBORG - TH400 - 460/70 R24 159A8	2.37 m	2.40 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

## Options / Finishing

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

	Classic	Premium	Elite	Platinum
<b>Lifting function</b>				
Attachment hydraulic locking	0	0	0	S
Intelligent hydraulics	0	0	S	S
Regenerative Hydraulics	0	S	S	S
<b>Operator station</b>				
Additional front wiper - Without washer	0	S	S	S
Air suspension fabric seat - GRAMMER	0	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
Enclosed cab + Heater and automatic air conditioning	0	S	S	S
Exterior right electric rear-view mirror with defroster	0	0	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 heated fabric seat - GRAMMER	0	0	0	S
Mechanical suspension fabric seat - GRAMMER	S	-	-	-
Right hand side and rear SafeView cameras	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
<b>Motorization/Power</b>				
Auto reversing fan	S	S	S	S
Continuous flow hydraulics	0	0	S	S
Hand throttle	S	S	S	S
<b>Secondary functions</b>				
Automatic greasing system (AGS) - Chassis + boom	0	0	0	S
<b>Lighting</b>				
LED front road lights	0	0	0	S
LED side work lights	0	0	0	S
LED work lights - On boom head (Telescopic part)	0	0	0	S

## MLT 635-140 V+ (S2) - Dimensional drawing



# MLT 635-140 V+ (S2) - Load chart

Machine on tires with forks Metric





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