Technical sheet :

# MLT 635-140 V+ (S2)





#### **MLT 635-140 V+ (S2)** Created on August 31, 2025 at 9:10 PM UTC

	<b>MLT 635-140 V+ (S2)</b> Created on August 31,	2025 al 9.10 PIVI 01
Capacities	Ме	tric
Max. capacity	Q 350	0 kg
Max. lifting height	h3 6.13	3 m
Maximum outreach	3.20	6 m
Reach at max. height	0.60	0 m
Breakout force with bucket	5900	
Weight and dimensions		
Unladen weight (with forks)	7280	0 ka
Ground clearance	m4 0.43	
Wheelbase	y 2.60	
Overall length to carriage (with hitch)	l11 4.7'	
Front overhang	1.10	
Overall width	b1 2.39	
Overall cab width	b4 0.99	
Overall height	h17 2.30	
Tilt-down angle	a5 13	
Tilt-up angle	a4 14	
External turning radius (over tyres)	Wa1 3.7	
Standard tires	Alliance - A580 - 4	460/70 R24 159A8
Drive wheels (front / rear)	2 /	2
Steering wheels (front / rear)	2 /	2
Performances		
Lifting	7	s
Lowering	5.6	0 s
Extension	5	
Retraction	4.3	
Crowd	3.8	
Dump	3.1	
	3.1	0 3
Engine		
Engine brand	Dei	
Engine norm	Stag	
Engine model	TCD 3	
Number of cylinders - Capacity of cylinders	4 - 362	
I.C. Engine power rating / Power	136 Hp /	′ 100 kW
Max. torque / Engine rotation	500 Nm @	01600 rpm
Drawbar pull (Laden)	6480	daN
Reversible fan	Stan	dard
Engine cooling system	Engine cooling system intercooler + hydraulic transmi	oil + hydraulic oil for
HVO validated (according to EN 15940 standard)	Ye	,
Transmission		
Transmission type	M-Vari	o Plus
Max. travel speed (may vary according to applicable regulations)		
Differential lock	Limited slip differe	
Parking brake	Automatic negati	
Service brake	Oil-immersed multi-disc axl	s braking on front & rear
Hydraulice	XE	
Hydraulics		
	Variable displa	
Hydraulic pump type		
Hydraulic flow - Pressure	170 l/min	
Hydraulic flow - Pressure Flow sharing distributor	170 l/min Stan	
Hydraulic flow - Pressure Flow sharing distributor Tank capacities	Stan	dard
Hydraulic flow - Pressure Flow sharing distributor Tank capacities Hydraulic tank capacity	Stan 13	dard 5 I
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Hydraulic flow - Pressure Flow sharing distributor Tank capacities Hydraulic tank capacity Fuel tank Diesel Exhaust fluid (AdBlue® type)	Stan 13 12	dard 5 I 0 I
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Hydraulic flow - Pressure 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	Stan 13 12 10 72	dard 5 1 0 1 0 1 dB
Hydraulic flow - Pressure 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	Stan 13 12 10	dard 5 1 0 1 0 1 dB
Hydraulic flow - Pressure Flow sharing distributor Tank capacities Hydraulic tank capacity Fuel tank Diesel Exhaust fluid (AdBlue® type) Noise and vibration Noise and vibration Usested following NF EN 12053 norm Vibration on hands/arms Miscellaneous	Stan 3 12 12 10 72 < 2.50	dard 5 1 0 1 1 1 dB u m/s <sup>2</sup>
Hydraulic flow - Pressure 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	Stan 13 12 10 72	dard 5 1 0 1 0 1 dB dB u m/s <sup>2</sup> mologation

# 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

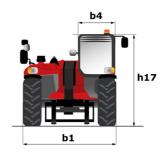
# **Options / Finishing**

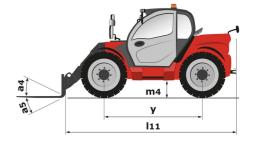
	Classic	Premium	Elite	Platinum
Lifting function				
Attachment hydraulic locking	0	0	0	S
Intelligent hydraulics	0	0	S	S
Regenerative Hydraulics	0	S	S	S
Operator station				
Air suspension fabric seat - GRAMMER	0	S	-	-
Automatic air conditioning	0	S	S	S
Automatic wheel alignment	0	0	S	S
Bluetooth USB 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	S	S	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

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

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

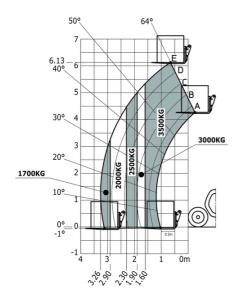






## MLT 635-140 V+ (S2) - Load chart

## Machine on tires with forks Metric





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