Technical sheet:

MLT 635-140 V+



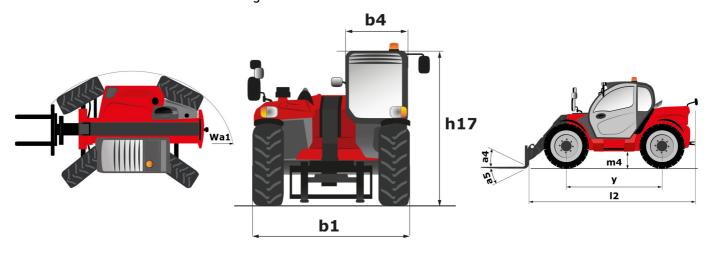


	MLT 635-140 V+ Created on April 20, 2024 at 6:46:33
Capacities	Metric
Max. capacity	Q 3500 kg
Max. lifting height	h3 6.08 m
Max. outreach	3.20 m
Reach at max. height	0.60 m
Breakout force with bucket	5441 daN
Weight and dimensions	
Unladen weight (with forks)	7600 kg
Ground clearance	m4 0.42 m
Wheelbase	y 2.60 m
Overall length to carriage (with hitch)	I11 4.66 m
Overall length to carriage (without hitch)	13 4.50 m
	1.11 m
Front overhang	
Overall width	b1 2.39 m
Overall cab width	b4 0.95 m
Overall height	h17 2.38 m
Tilt-down angle	a5 134°
Tilt-up angle	a4 12°
External turning radius (over tyres)	Wa1 3.77 m
Standard tires	Alliance - A580 - 460/70 R24 159A
Drive wheels (front / rear)	2 / 2
Steering wheels (front / rear)	2/2
Performances	
Lifting	6.80 s
Lowering	6.80 s
Extension	4.50 s
Retraction	4.70 s
Crowd	2.90 s
Dump	2.50 s
Engine	2.50 3
Engine brand	Deutz
•	
Engine norm	Stage V / Tier 4 Final
Engine model	TCD 3,6 L4
Number of cylinders - Capacity of cylinders	4 - 3621 cm ³
I.C. Engine power rating / Power	136 Hp / 100 kW
Max. torque / Engine rotation	500 Nm @1600 rpm
Drawbar pull (Laden)	6600 daN
Reversible fan	Standard
Engine cooling system	4 radiators (water + intercooler + hydrauli transmission oil)
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 axl
Parking brake	Automatic negative parking brake
	Oil-immersed multi-discs braking on fron
Service brake Hydraulics	axles
	W. 3-11- 411
Hydraulic pump type	Variable displacement pump
Hydraulic flow - Pressure	170 l/min - 270 bar
Flow sharing distributor	Standard
Tank capacities	
Hydraulic oil	135 I
Fuel tank	120 I
Diesel Exhaust fluid (AdBlue® type)	10
Noise and vibration	
Noise at driving position (LpA) tested following NF EN 12053 norm	72 dB
Noise to environment (LwA)	105 dB
Vibration to whole hand/arm	< 2.50 m/s²
Miscellaneous	
Tractor homologation	Tractor homologation
Tractor homologation Safety cab homologation	Tractor homologation ROPS - FOPS level 2 cab

Optional tires tab

Optional tires	Overall height	Overall width
FIRESTONE - R8000 UT - 460/70 R24 159A8	2.39 m	2.42 m
TRELLEBORG - TH400 - 460/70 R24 159A8	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
MICHELIN - XHA - 15.5 R25 158A2	2.37 m	2.40 m
NOKIAN - TRI STEEL - 460/65 R24 156A8	2.36 m	2.40 m
VREDESTEIN - ENDURION - 460/70 R24 159A8	2.38 m	2.41 m
TRELLEBORG - TH500 - 460/70 R24 159A8	2.37 m	2.40 m
ALLIANCE - A585 - 460/70 R24 159A8	2.37 m	2.40 m

MLT 635-140 V+ - Dimensional drawing







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