Technical sheet:

MLT 635-140 V+



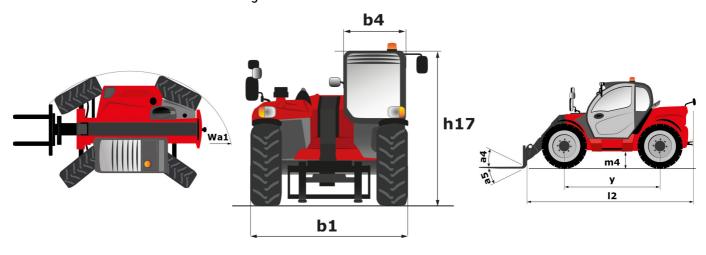


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Capacities		Metric
Max. capacity	Q	3500 kg
Max. lifting height	h3	6.08 m
Max. outreach		3.20 m
Reach at max. height		0.60 m
Breakout force with bucket		5.66 m 5441 daN
Weight and dimensions		J441 udiv
Unladen weight (with forks)		7600 kg
	1	
Ground clearance	m4	0.42 m
Wheelbase	у	2.60 m
Overall length to carriage (with hitch)	l11	4.66 m
Overall length to carriage (without hitch)	13	4.50 m
Front overhang		1.11 m
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 159A8
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		
Engine brand		Deutz
		Stage V / Tier 4 Final
Engine norm		
Engine model		TCD 3,6 L4
Number of cylinders - Capacity of cylinders		4 - 3621 cm³
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 + hydraulic oil + 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 axle
Parking brake		Automatic negative parking brake
raikilig blake		* ' *
Service brake		Oil-immersed multi-discs braking on front & rea axles
Hydraulics		
Hydraulic pump type		Variable displacement pump
Hydraulic flow - Pressure		170 l/min - 270 bar
Flow sharing distributor		Standard
Tank capacities		
Hydraulic oil		135
Fuel tank		120 I
Diesel Exhaust fluid (AdBlue® type)		10
Noise and vibration		101
WORKE AND VIDIALIUM		70 10
		72 dB
Noise at driving position (LpA) tested following NF EN 12053 norm		
Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA)		105 dB
Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA)		105 dB < 2.50 m/s²
Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA) Vibration to whole hand/arm		
Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA) Vibration to whole hand/arm Miscellaneous		
Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA) Vibration to whole hand/arm Miscellaneous Tractor homologation Safety cab homologation		< 2.50 m/s²

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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