Technical sheet:

# MLT 635-140 V+



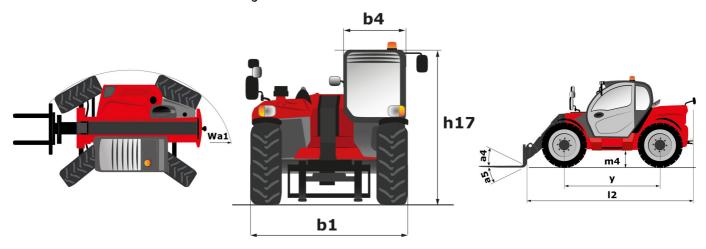


	<b>MLT 635-140 V+</b> Created on April 18, 2025 at 9:59 l
Capacities	Metric
Max. capacity	Q 3500 kg
Max. lifting height	h3 6.13 m
Maximum outreach	3.26 m
Reach at max. height	0.60 m
Breakout force with bucket	5441 daN
Weight and dimensions	
Unladen weight (with forks)	7600 kg
Ground clearance	m4 0.42 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
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 °
	a4 12 °
Tilt-up angle	
External tuming radius (over tyres)	
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
Engine norm	Stage V / Tier 4 Final
Engine model	TCD 3,6 L4
Number of cylinders - Capacity of cylinders	4 - 3621 cm <sup>3</sup>
I.C. Engine power rating / Power	136 Hp / 100 kW
Max. torque / Engine rotation	500 Nm @1600 rpm
Drawbar pull (Laden)	6600 daN
Drawbar pull (Unladen)	7280 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 axlo
Parking brake	Automatic negative parking brake
Service brake	Oil-immersed multi-discs braking on front 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
Fuel tank	120
Diesel Exhaust fluid (AdBlue® type)	10
Noise and vibration	101
	72 dB
Noise at driving position (LpA) tested following NF EN 12053 norm	
Noise to environment (LwA)	105 dB
Vibration on hands/arms	< 2.50 m/s <sup>2</sup>
Miscellaneous	
Tractor homologation	Tractor homologation
Cab certification Controls	Cabin ROPS - FOPS level 2 JSM

## Optional tires tab

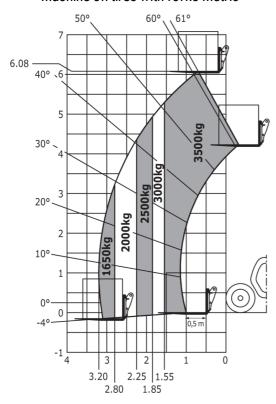
	Overall height	Overall width
ALLIANCE - A585 - 460/70 R24 159A8	2.37 m	2.40 m
NOKIAN - TRI STEEL - 460/65 R24 156A8	2.36 m	2.40 m
MICHELIN - XHA - 15.5 R25 158A2	2.37 m	2.40 m
MICHELIN - XMCL - 460/70 R24 159A8	2.37 m	2.40 m
MICHELIN - BIBLOAD - 460/70 R24 159A8	2.37 m	2.40 m
TRELLEBORG - TH400 - 460/70 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

### MLT 635-140 V+ - Dimensional drawing



#### MLT 635-140 V+ - Load chart

#### Machine on tires with forks Metric







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