Technical sheet:

# MLT 741-140 V+



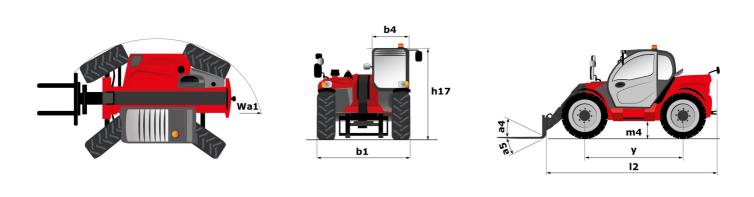


	<b>MLT 741-140 V+</b> Created on April 4, 2025 at 6:20	PM UT
Capacities	Metric	
Max. capacity	Q 4100 kg	
Max. lifting height	h3 6.90 m	
Max. outreach	3.90 m	
Reach at max. height	1 m	
Breakout force with bucket	5992 daN	
Weight and dimensions		
Unladen weight (with forks)	7755 kg	
Ground clearance	m4 0.42 m	
Wheelbase	y 2.81 m	
Overall length to carriage (with hitch)	I11 4.97 m	
Overall length to carriage (without hitch)	13 4.82 m	
Front overhang	1.21 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 3.93 m	_
Standard tires	Alliance - A580 - 460/70 R24 159A	В
Drive wheels (front / rear)	2/2	
Steering wheels (front / rear)	2/2	
Performances		
Lifting	7 s	
Lowering	6 s	
Extension	6.30 s	
Retraction	5.60 s	
Crowd	3.20 s	
Dump	2.80 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)	6200 daN	
Reversible fan	Standard	
	4 radiators (water + intercooler + hydraul	ic oil +
Engine cooling system	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 ax	le
Parking brake	Automatic negative parking brake	
	Oil-immersed multi-discs braking on fron	
Service brake	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		
Noise at driving position (LpA) tested following NF EN 12053 norm	72 dB	
Noise to environment (LwA)	105 dB	
Vibration on hands/arms	< 2.50 m/s <sup>2</sup>	
Miscellaneous	< 2.50 m/s²	
	Tractor hamele setten	
Tractor homologation	Tractor homologation	
Cab certification	Cabin ROPS - FOPS level 2	
Controls	JSM	

## **Optional tires tab**

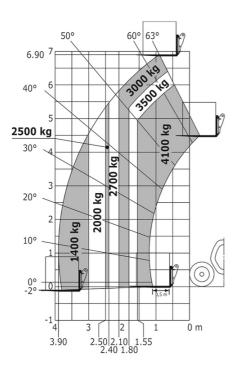
	Overall height	Overall width
TRELLEBORG - TH400 - 460/70 R24 159A8	2.37 m	2.40 m
TRELLEBORG - TH400 - 500/70 R24 164A8	2.39 m	2.42 m
MICHELIN - XMCL - 500/70 R24 164A8	2.39 m	2.43 m
MICHELIN - BIBLOAD - 460/70 R24 159A8	2.37 m	2.40 m
MICHELIN - BIBLOAD - 500/70 R24 164A8	2.39 m	2.43 m
MICHELIN - XHA - 15.5 R25 158A2	2.37 m	2.40 m
NOKIAN - TRI STEEL - 460/65 R24 156A8	2.36 m	2.40 m
MICHELIN - XMCL - 460/70 R24 159A8	2.37 m	2.40 m
VREDESTEIN - ENDURION - 460/70 R24 159A8	2.38 m	2.41 m
VREDESTEIN - ENDURION - 500/70 R24 164A8	2.41 m	2.44 m
ALLIANCE - A585 - 460/70 R24 159A8	2.37 m	2.40 m
TRELLEBORG - TH500 - 460/70 R24 159A8	2.37 m	2.40 m

MLT 741-140 V+ - Dimensional drawing



### MLT 741-140 V+ - Load chart

#### Machine on tires with forks Metric







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