Technical sheet :

## MLT 741-140 V+





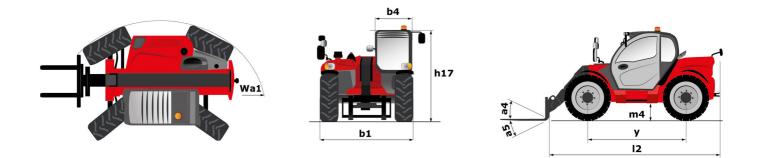
ILT 741-140 V+ Created on	n Adril /.	. 2025 at	6:11	AM	UIC
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	MLT 741-140 V+	Created on April 7, 2025 at 6:11 AM UT
Capacities		Metric
Max. capacity	Q	4100 kg
Max. lifting height	h3	6.90 m
Max. outreach		3.90 m
Reach at max. height		1 m
Breakout force with bucket		5992 daN
Weight and dimensions		
Unladen weight (with forks)		7755 kg
Ground clearance	m4	0.42 m
Wheelbase	у	2.81 m
Overall length to carriage (with hitch)	,  11	4.97 m
Overall length to carriage (without hitch)	13	4.82 m
Front overhang	10	1.21 m
Overall width	b1	2.39 m
Overall cab width		0.95 m
	b4	
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 159A8
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
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
Service brake		Oil-immersed multi-discs braking on front & rear axles
Hydraulics		uxico
Hydraulic pump type		Variable displacement pump
		170 l/min - 270 bar
Hydraulic flow - Pressure		
Flow sharing distributor		Standard
Tank capacities		
Hydraulic tank capacity		1351
Fuel tank		120
Diesel Exhaust fluid (AdBlue® type)		10
Noise and vibration		
		72 dB
Noise at driving position (LpA) tested following NF EN 12053 norm Noise to environment (LwA)		105 dB
		105 dB < 2.50 m/s²
Noise to environment (LwA)		
Noise to environment (LwA) Vibration on hands/arms		
Noise to environment (LwA) Vibration on hands/arms Miscellaneous		< 2.50 m/s²

## Optional tires tab

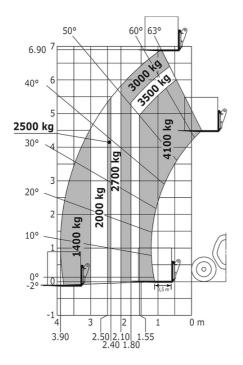
	Overall height	Overall width
TRELLEBORG - TH400 - 460/70 R24 159A8	2.37 m	2.40 m
TRELLEBORG - TH400 - 500/70 R24 164A8	2.39 m	2.42 m
MICHELIN - XMCL - 500/70 R24 164A8	2.39 m	2.43 m
MICHELIN - BIBLOAD - 460/70 R24 159A8	2.37 m	2.40 m
MICHELIN - BIBLOAD - 500/70 R24 164A8	2.39 m	2.43 m
MICHELIN - XHA - 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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