Technical sheet :

MLT 742-140 V+ (S1)





MLT 742-140 V+ (S1) Created on September 1, 2025 at 12:23 AM UTC

Capacities	Metric	
Max. capacity	Q 4200 kg	
Max. lifting height	h3 6.91 m	
Maximum outreach	3.96 m	
Reach at max. height	1 m	
Breakout force with bucket	5748 daN	
Weight and dimensions		
Unladen weight (with forks)	7950 kg	
Ground clearance	m4 0.42 m	
Wheelbase	y 2.81 m	
Overall length to carriage (with hitch)	l11 5.02 m	
Front overhang	1.26 m	
Overall width	b1 2.39 m	
Overall cab width	b4 0.95 m	
Overall height	h17 2.38 m	
-		
Tilt-down angle		
Tilt-up angle	a4 14 °	
External turning radius (over tyres)	Wa1 3.93 m	
Standard tires	Alliance - A580 - 460/70 R24 159A	۱8
Drive wheels (front / rear)	2/2	
Steering wheels (front / rear)	2/2	
Performances		
Lifting	8.10 s	
Lowering	8.50 s	
Extension	6.90 s	
Retraction	6 s	
Crowd	3.80 s	
Dump	3.30 s	
Engine		
Engine brand	Deutz	_
Engine norm	Stage V	
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)	6450 daN	
Reversible fan	Standard	
Engine cooling system	Engine cooling system - 4 radiators (w intercooler + hydraulic oil + hydraulic oi transmission)	ater + oil for
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	رام
Parking brake	Automatic negative parking brake	
	Oil-immersed multi-discs braking of fro	
Service brake	on-initiersed muti-discs braking on nor axles	n a lea
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	1201	
Diesel Exhaust fluid (AdBlue® type)	10	
Noise and vibration		
Noise at driving position (LpA) tested following NF EN 12053 norm	72 dB	
Vibration on hands/arms	< 2.50 m/s ²	
Miscellaneous		
Tractor homologation	Tractor homologation	
Cab certification	Cabin ROPS - FOPS level 2	
Controls	JSM	

Optional tires tab

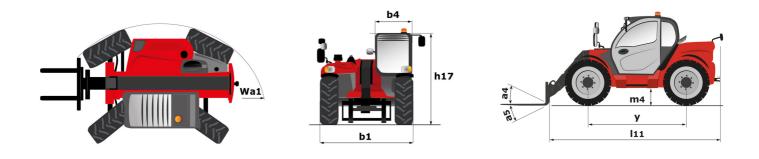
	Overall height	Overall width
ALLIANCE - A585 - 460/70 R24 159A8	2.37 m	2.40 m
NOKIAN - TRI STEEL - 460/65 R24 156A8	2.36 m	2.40 m
MICHELIN - XMCL - 500/70 R24 164A8	2.39 m	2.43 m
MICHELIN - BIBLOAD - 460/70 R24 159A8	2.37 m	2.40 m
MICHELIN - BIBLOAD - 500/70 R24 164A8	2.39 m	2.43 m
MICHELIN - XHA - 15.5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

Options / Finishing

S : Standard / O : Optional / - : Not available

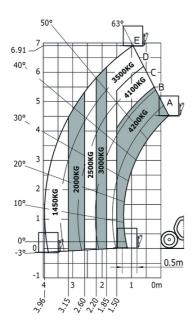
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LED work lights - On the top of the boom (fixed part) (x2) 0 0 S	led front road lights	0	0	0	S
	LED work lights - On the top of the boom (fixed part) (x2)	0	0	0	S

MLT 742-140 V+ (S1) - Dimensional drawing



MLT 742-140 V+ (S1) - Load chart

Machine on tires with forks Metric





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