

Technical sheet :

# MLT 940-140 V+ (S1)



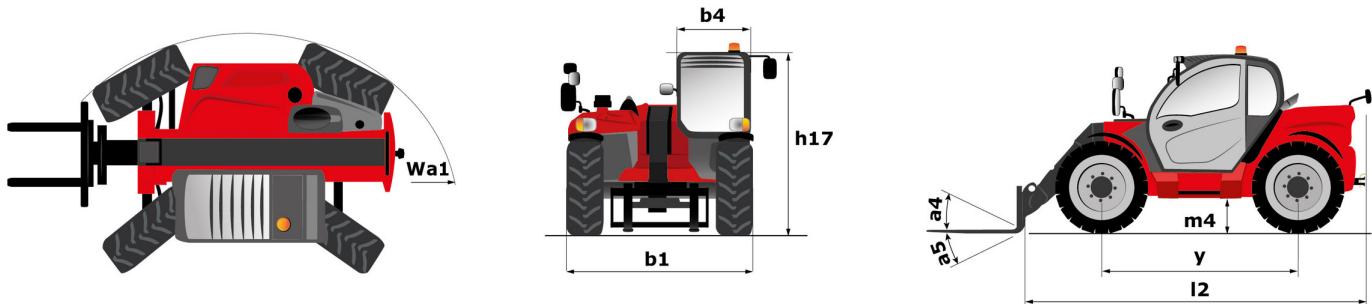
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Capacities		Metric	
Max. capacity	Q	4000 kg	
Max. lifting height	h3	9 m	
Maximum outreach		6.55 m	
Reach at max. height		2.40 m	
Breakout force with bucket		5402 daN	
Weight and dimensions			
Unladen weight (with forks)		8361 kg	
Ground clearance	m4	0.42 m	
Wheelbase	y	2.81 m	
Overall length to carriage (with hitch)	l11	5.12 m	
Overall length to carriage (without hitch)	l3	4.94 m	
Front overhang		1.36 m	
Overall width	b1	2.39 m	
Overall cab width	b4	0.95 m	
Overall height	h17	2.38 m	
Tilt-down angle	a5	133 °	
Tilt-up angle	a4	14 °	
External turning radius (over tyres)	Wa1	3.93 m	
Standard tires		Alliance - A580 - 460/70 R24 159A8	
Drive wheels (front / rear)		2 / 2	
Steering mode		Manicrab, 2 wheel steer, 4 wheel steer, Crab mode	
Performances			
Lifting		6.50 s	
Lowering		7.20 s	
Extension		11 s	
Retraction		8.10 s	
Crowd		3.20 s	
Dump		2.90 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 cm³	
Engine power (Hp / kW)		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			
Hydraulic pump type		Variable displacement pump	
Hydraulic flow - Pressure		170 l/min - 270 bar	
Flow sharing distributor		Standard	
Tank capacities			
Hydraulic tank capacity		135 l	
Fuel		120 l	
Diesel Exhaust fluid (AdBlue® type)		10 l	
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/s²	
Miscellaneous			
Tractor homologation		Tractor homologation	
Cab certification		Cabin ROPS - FOPS level 2	
Controls		JSM	

## Optional tires tab

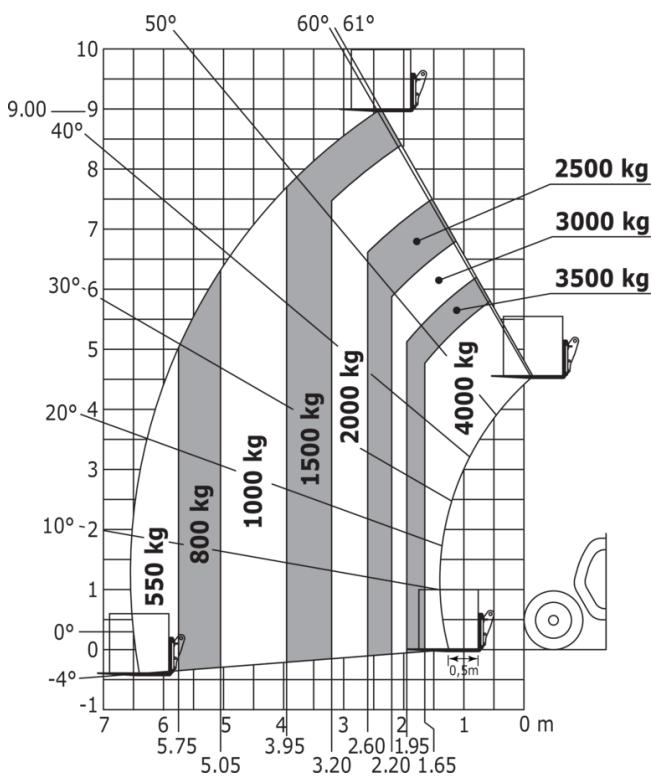
	Overall height	Overall width
TRELLEBORG - TH400 - 460/70 R24 159A8	2.37 m	2.40 m
TRELLEBORG - TH400 - 500/70 R24 164A8	2.39 m	2.42 m
MICHELIN - XMCL - 500/70 R24 164A8	2.39 m	2.43 m
MICHELIN - BIBLOAD - 460/70 R24 159A8	2.37 m	2.40 m
MICHELIN - BIBLOAD - 500/70 R24 164A8	2.39 m	2.43 m
MICHELIN - XHA - 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
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 940-140 V+ (S1) - Dimensional drawing



## MLT 940-140 V+ (S1) - Load chart

Machine on tires with forks Metric





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