Technical sheet :

# MLT 940-140 V+





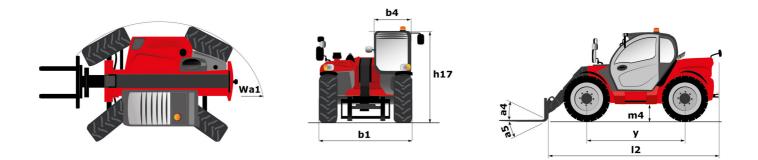
ILT 940-140 V+	Created on April 6	, 2025 at 3:30	AM UTC
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	MLT 940-140 V	+ Created on April 6, 2025 at 3:30 AM UT
Capacities		Metric
Max. capacity	Q	4000 kg
Max. lifting height	h3	9 m
Max. outreach		6.55 m
Reach at max. height		2.40 m
Breakout force 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)	I11	5.12 m
Overall length to carriage (without hitch)	13	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	Wa I	Alliance - A580 - 460/70 R24 159A8
Drive wheels (front / rear)		2/2
Steering wheels (front / rear)		2/2
Performances		
Lifting		6.50 s
Lowering		7.20 s
Extension		11 s
Retraction		8.10 s
Crowd		3.20 s
		2.90 s
Dump Engine		2.90 \$
Engine brand		Deutz
		Stage V / Tier 4 Final
Engine norm		TCD 3.6 L4
Engine model Number of cylinders - Capacity of cylinders		4 - 3621 cm <sup>3</sup>
		136 Hp / 100 kW
I.C. Engine power rating / Power		
Max. torque / Engine rotation		500 Nm @1600 rpm 6200 daN
Drawbar pull (Laden) 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
Fuel tank		120 I
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/s²
Miscellaneous		
Tractor homologation		Tractor homologation
Cab certification		Cabin ROPS - FOPS level 2
Controls		JSM

## Optional tires tab

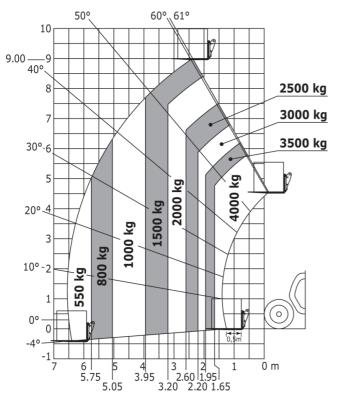
	Overall height	Overall width
TRELLEBORG - TH400 - 460/70 R24 159A8	2.37 m	2.40 m
TRELLEBORG - TH400 - 500/70 R24 164A8	2.39 m	2.42 m
MICHELIN - XMCL - 500/70 R24 164A8	2.39 m	2.43 m
MICHELIN - BIBLOAD - 460/70 R24 159A8	2.37 m	2.40 m
MICHELIN - BIBLOAD - 500/70 R24 164A8	2.39 m	2.43 m
MICHELIN - XHA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



#### MLT 940-140 V+ - Load chart

#### Machine on tires with forks Metric





Head Office B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



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