Technical sheet :

MLT 940-140 V+





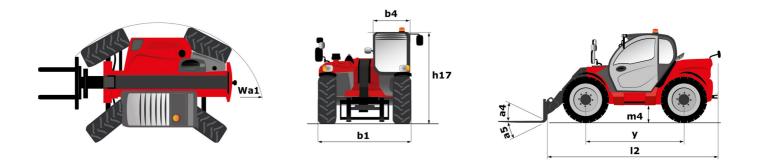
ILT	LT 940-140 V+ Created on May 6, 2024 at 3:10:21 PM UTC					
		Metric				
	Q	4000 kg				
	h3	9 m				

Capacities		Metric
Max. capacity	Q	4000 kg
lax. lifting height	h3	9 m
lax. outreach		6.55 m
each at max. height		2.40 m
Breakout force with bucket		5402 daN
Veight and dimensions		
Inladen weight (with forks)		8361 kg
Ground clearance	m4	0.42 m
Wheelbase	y	2.81 m
Diverall length to carriage (with hitch)	11	5.12 m
Dverall length to carriage (without hitch)	13	4.94 m
	15	1.36 m
Front overhang		
Dverall width	b1	2.39 m
Overall cab width	b4	0.95 m
Dverall height	h17	2.38 m
ïlt-down angle	a5	133 °
ïlt-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 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
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 cm ³
.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		
Fransmission type		M-Vario Plus
Max. travel speed (may vary according to applicable regulations)		40 km/h
Differential lock		Limited slip differential on front axle
		Automatic negative parking brake
Parking brake		
Service brake		Oil-immersed multi-discs braking on front & rea axles
tydraulics		
Hydraulic pump type		Variable displacement pump
Hydraulic flow - Pressure		170 l/min - 270 bar
Flow sharing distributor		Standard
Fank capacities		
łydraulic oil		135 I
uel tank		120 l
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 to whole hand/arm		< 2.50 m/s ²
		< 2.50 III/S*
Miscellaneous		
Fractor homologation		Tractor homologation
Safety cab homologation		ROPS - FOPS level 2 cab
Controls		JSM

Optional tires tab

Optional tires	Overall height	Overall width
FIRESTONE - R8000 UT - 460/70 R24 159A8	2.39 m	2.42 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
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





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