Technical sheet :

MLT 635-140 V+ (S1)



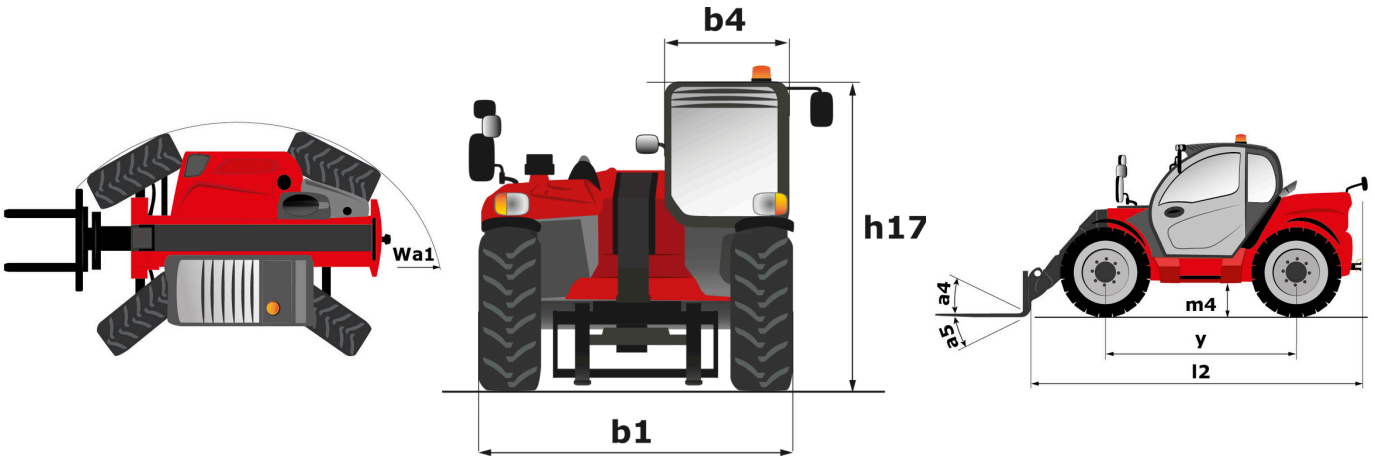
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Capacities		Metric
Max. capacity	Q	3500 kg
Max. lifting height		6.08 m
Max. outreach		3.20 m
Reach at max. height		0.60 m
Breakout force with bucket		5441 daN
Weight and dimensions		
Unladen weight (with forks)		7600 kg
Ground clearance	m4	0.42 m
Wheelbase	y	2.60 m
Overall length to carriage (with hitch)	l11	4.66 m
Overall length to carriage (without hitch)	l3	4.50 m
Front overhang		1.11 m
Overall width	b1	2.39 m
Overall cab width	b4	0.95 m
Overall height	h17	2.38 m
Tilt-down angle	a5	134 °
Tilt-up angle	a4	12 °
External turning radius (over tyres)	Wa1	3.77 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		6.80 s
Lowering		6.80 s
Extension		4.50 s
Retraction		4.70 s
Crowd		2.90 s
Dump		2.50 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)		6600 daN
Drawbar pull (Unladen)		7280 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 tank capacity		120 l
Diesel Exhaust fluid (AdBlue® type) tank capacity		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

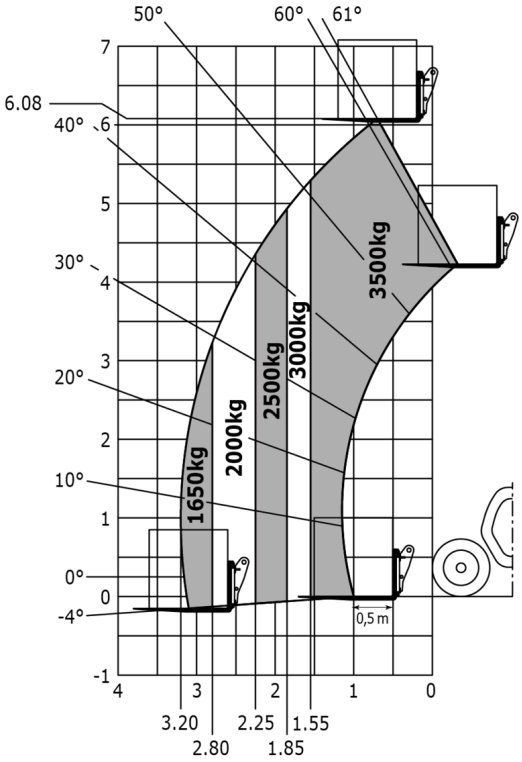
	Overall height	Overall width
ALLIANCE - A585 - 460/70 R24 159A8	2.37 m	2.40 m
NOKIAN - TRI STEEL - 460/65 R24 156A8	2.36 m	2.40 m
MICHELIN - XHA - 15.5 R25 158A2	2.37 m	2.40 m
MICHELIN - XMCL - 460/70 R24 159A8	2.37 m	2.40 m
MICHELIN - BIBLOAD - 460/70 R24 159A8	2.37 m	2.40 m
TRELLEBORG - TH400 - 460/70 R24 159A8	2.37 m	2.40 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

MLT 635-140 V+ (S1) - Dimensional drawing



MLT 635-140 V+ (S1) - Load chart

Machine on tires with forks Metric



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