Technical sheet :

MLT 625 E

OXYGEN

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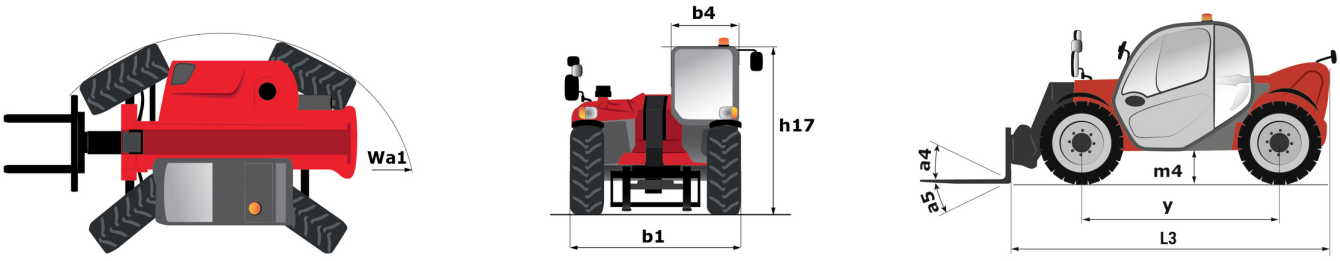
Capacities		Metric
Max. capacity	Q	2500 kg
Max. lifting height	h3	5.90 m
Maximum outreach		3.30 m
Reach at max. height		0.50 m
Breakout force with bucket		3770 daN
Weight and dimensions		
Unladen weight (with forks)		4762 kg
Ground clearance	m4	0.38 m
Wheelbase	y	2.30 m
Overall length to carriage (with hitch)	l11	3.90 m
Overall length to carriage (without hitch)	l3	3.90 m
Overall width	b1	1.81 m
Overall cab width	b4	0.80 m
Overall height	h17	2 m
Tilt-down angle	a5	117 °
Tilt-up angle	a4	12 °
External turning radius (over tyres)	Wa1	3.31 m
Standard tires		Alliance - A580 - 300/75 R18 142A8
Steering mode		Manicrab, 2 wheel steer, 4 wheel steer, Crab mode
Performances		
Lifting		11.10 s
Lowering		8 s
Extension		7.70 s
Retraction		7.40 s
Crowd		4.45 s
Dump		4.30 s
Engine/Battery		
Battery technology		Lithium-ion
Battery capacity		348 Ah
Battery energy		34.80 kWh
Drive motor power rating		40 kW
Hydraulic motor power		30 kW
Charger Power		9 kW
Electric circuit		
Battery nominal voltage		100 V
12V Battery capacity		74 Ah
Transmission		
Transmission type		Electrical
Number of gears (forward / reverse)		1 / 1
Max. travel speed (may vary according to applicable regulations)		20 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 axles
Hydraulics		
Hydraulic pump type		Gear pump
Hydraulic flow - Pressure		87 l/min - 235 bar
Flow sharing distributor		Standard
Tank capacities		
Hydraulic tank capacity		80 l
Noise and vibration		
Noise at driving position (LpA) tested following NF EN 12053 norm		72 dB
Noise to environment (LwA)		92 dB
Vibration on hands/arms		< 2.50 m/s²
Miscellaneous		
Cab certification		ROPS - FOPS cab (level 1)
Controls		JSM

Optional tires tab

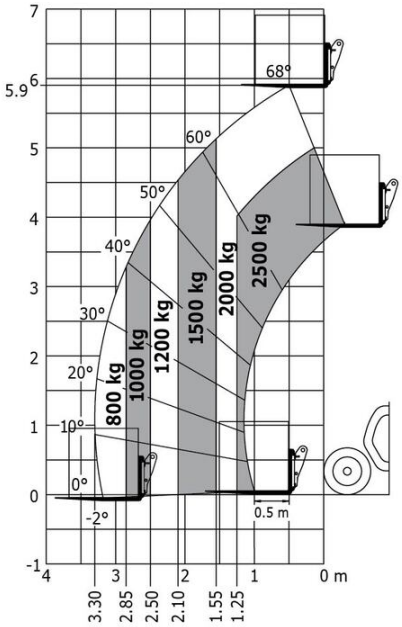
	Overall height	Overall width
MICHELIN - BIBSTEEL ALL TERRAIN - 300/70 R16.5 141A5	1.97 m	1.81 m
CAMSO - SKS532 - 12-16.5 145A2	1.92 m	1.81 m
CAMSO - SKS732 - 12-16.5 145A2	1.92 m	1.81 m

MLT 625 e - Dimensional drawing



MLT 625 e - Load chart

Machine on tires with forks Metric



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