

Technical sheet :

# MLT 625 E

OXYGEN



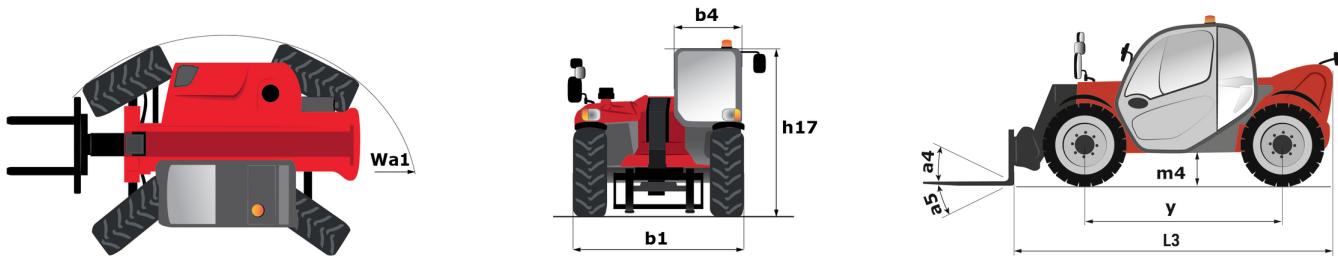
 **MANITOU**  
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Capacities		Metric	
Max. capacity	Q	2500 kg	
Max. lifting height	h3	5.90 m	
Maximum outreach		3.30 m	
Reach at max. height		0.50 m	
Breakout force with bucket		3770 daN	
Weight and dimensions			
Unladen weight (with forks)		4762 kg	
Ground 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/s <sup>2</sup>	
Miscellaneous			
Cab certification		ROPS - FOPS cab (level 1)	
Controls		JSM	

## Optional tires tab

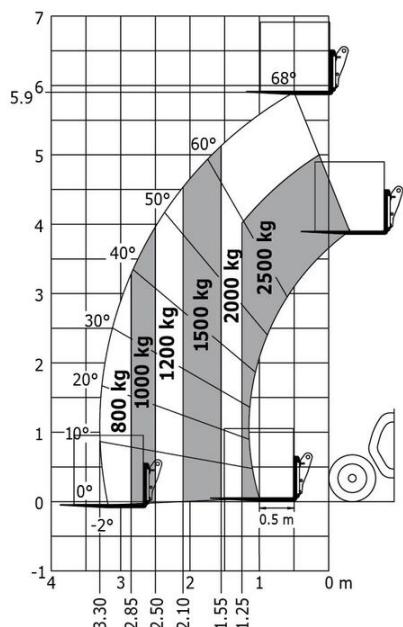
MICHELIN - BIBSTEEL ALL TERRAIN - 300/70 R16.5 141A5	Overall height	Overall width
CAMSO - SKS532 - 12-16.5 145A2	1.97 m	1.81 m
CAMSO - SKS732 - 12-16.5 145A2	1.92 m	1.81 m
	1.92 m	1.81 m

## MLT 625 e - Dimensional drawing



## MLT 625 e - Load chart

Machine on tires with forks Metric



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