

Technical sheet :

# MT 625 E

OXYGEN



 **MANITOU**  
HANDLING YOUR WORLD

Capacities		Metric
Max. capacity		2500 kg
Max. lifting height		5.85 m
Max. outreach		3.40 m
Breakout force with bucket		3770 daN
Weight and dimensions		
Overall length to carriage	l11	3.83 m
Length to face of forks	l2	3.90 m
Overall length (with forks)	l1	5.09 m
Overall width	b1	1.81 m
Overall height	h17	1.92 m
Wheelbase	y	2.30 m
Ground clearance	m4	0.33 m
Overall cab width	b4	0.79 m
Tilt-up angle	a4	12 °
Tilt-down angle	a5	117 °
External turning radius (over tyres)	Wa1	3.31 m
Overall weight		4800 kg
Tires type		Pneumatic
Standard tires		CAMSO SKS532 12-16.5
Forks length / width / section	l / e / s	1200 mm x 125 mm / 45 mm
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		
Max. torque		200 Nm
Drawbar pull (Laden)		2090 daN
Electric circuit		
Battery voltage / capacity		12 V / 246 Ah
12V Battery capacity		110 Ah
Engine/Battery		
Battery technology		Lithium-ion
Battery capacity		246 Ah
Battery nominal voltage		100 V
Battery energy		25 kWh
Drive motor power		14 kW
Hydraulic motor power		25 kW
On-board Charger Power / Phase / Current		3 kW / Single-phase or three-phase / AC
Transmission		
Transmission type		Electrical
Number of gears (forward / reverse)		1 / 1
Max. travel speed		16 km/h
Parking brake		SAHR
Service brake		Hydraulic
Hydraulics		
Hydraulic pump type		Gear pump
Hydraulic flow / Pressure		78 l/min-235 bar
Tank capacities		
Hydraulic oil		66 l
Noise and vibration		
Noise at driving position (LpA)		72 dB
Noise to environment (LwA)		92 dB
Vibration on hands/arms		< 2.50 m/s <sup>2</sup>
Miscellaneous		
Steering wheels (front / rear)		2 / 2
Drive wheels (front / rear)		2 / 2





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