

Technical sheet :

MT 625 E

OXYGEN



 **MANITOU**
HANDLING YOUR WORLD

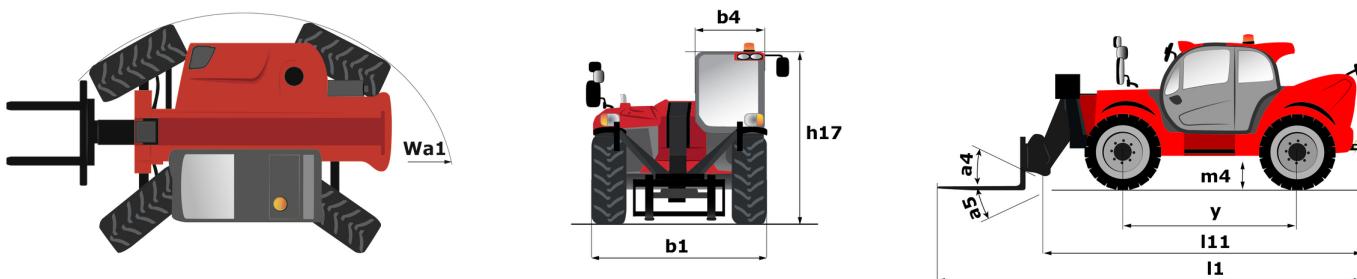
Capacities		Metric	
Max. capacity		2500 kg	
Max. lifting height		5.85 m	
Maximum outreach		3.36 m	
Breakout force with bucket		3770 daN	
Weight and dimensions			
Overall length to carriage	l11	3.83 m	
Overall length (with forks)	l1	5.09 m	
Overall width	b1	1.81 m	
Overall height	h17	1.92 m	
Wheelbase	y	2.30 m	
Ground clearance	m4	0.33 m	
Overall cab width	b4	0.80 m	
Tilt-up angle	a4	12 °	
Tilt-down angle	a5	117 °	
External turning radius (over tyres)	Wa1	3.31 m	
Overall weight		4755 kg	
Tires type		Inflatable	
Standard tires		CAMSO SKS532 12-16.5	
Forks length / width / section	l / e / s	1200 mm x 125 mm x 45 mm	
Performances			
Lifting		11.10 s	
Lowering		8 s	
Extension		7.70 s	
Retraction		7.40 s	
Crown		4.45 s	
Dump		4.30 s	
Engine			
Max. torque		200 Nm	
Drawbar pull (Laden)		2090 daN	
Engine/Battery			
Drive motor power rating		40 kW	
Hydraulic motor power		30 kW	
Battery technology		Lithium-ion	
Battery capacity		348 Ah	
Battery energy		35 kWh	
Charger Power / Phase / Current type		3 kW / Single-phase / AC	
Electric circuit			
Battery voltage / capacity		100 V / 348 Ah	
12V Battery capacity		74 Ah	
Transmission			
Transmission type		Electrical	
Number of gears (forward / reverse)		1 / 1	
Max. travel speed		20 km/h	
Parking brake		Hydraulic spring release SAHR	
Service brake		Hydraulic	
Hydraulics			
Hydraulic pump type		Gear pump	
Hydraulic flow / Pressure		84 l/min-235 bar	
Tank capacities			
Hydraulic oil		80 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 ²	
Miscellaneous			
Steering wheels (front / rear)		2 / 2	
Drive wheels (front / rear)		2 / 2	

Options / Finishing

S : Standard / O : Optional / - : Not available

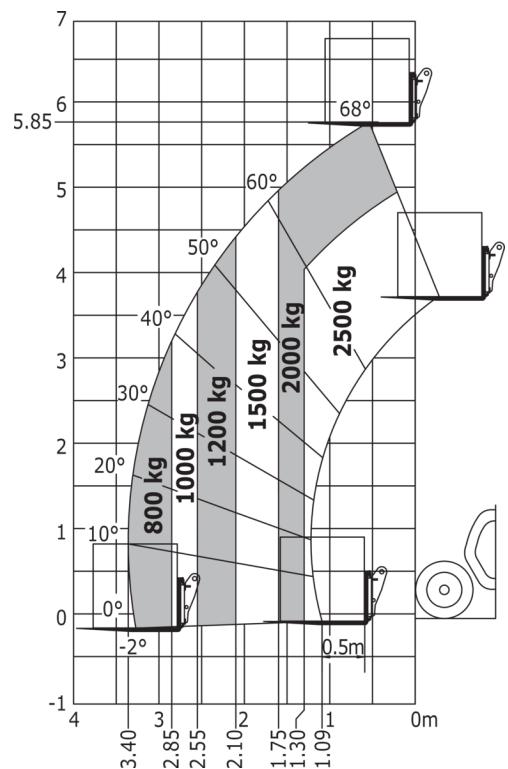
	Standard
Onboard charger - 3kW AC_MT	S
Operator station	
12Volt Power Port	S
Adjustable and telescopic steering column	S
Air suspension fabric seat - GRAMMER	O
Document holder	O
Heating	S
Manual air conditioning	O
Phone support	O
Rear window with de-icing	O
Rear wiper	S
Roof wiper	S
Tuner car radio - 50W	O
Motorization/Power	
On-board charger 9kW	O
Lighting	
Flat Led Rotating Beacon	O
led front road lights	S
LED front work lights on cab (x2)	S
LED rear work lights on cab (x2)	S
Security	
Audio warning on reverse	S
Battery cut-off	S
Speed limiter	O
Windscreen sun visor	S

MT 625 e - Dimensional drawing



MT 625 e - Load chart

Machine on tires with forks Metric





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