Technical sheet :

MT 625 E

OXYGEN



MANITOU
HANDLING YOUR WORLD

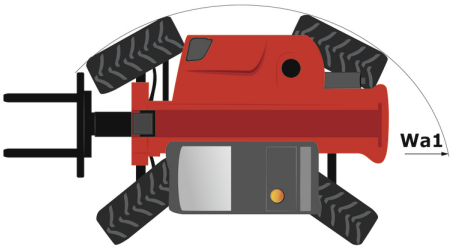
Capacities		Metric
Max. capacity		2500 kg
Max. lifting height		5.85 m
Maximum outreach		3.36 m
Breakout force with bucket		3770 daN
Weight and dimensions		
Overall length to carriage	l11	3.83 m
Overall length (with forks)	l1	5.09 m
Overall width	b1	1.81 m
Overall height	h17	1.92 m
Wheelbase	y	2.30 m
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
Crowd		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/s²
Miscellaneous		
Steering wheels (front / rear)		2 / 2
Drive wheels (front / rear)		2 / 2

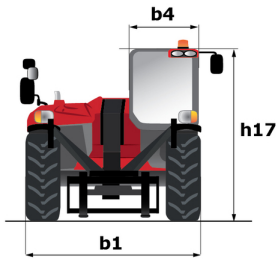
Options / Finishing

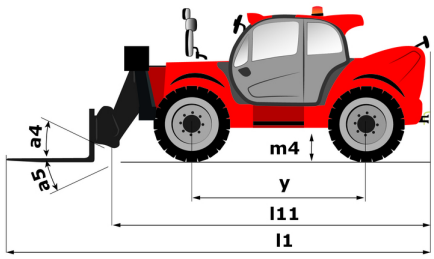
S : Standard / O : Optional / - : Not available

	Standard
—	
External charger - 30kW DC - Lithium-ion	O
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	
Onboard charger - 3kW AC_MT	S
On-board charger 9kW	O
Lighting	
Flat Led Rotating Beacon	O
LED front road lights	S
LED front work lights	S
LED rear work lights	S
Security	
Audio warning on reverse	S
Battery cut-off	S
Speed limiter	O
Windscreen sun visor	S

MT 625 e - Dimensional drawing

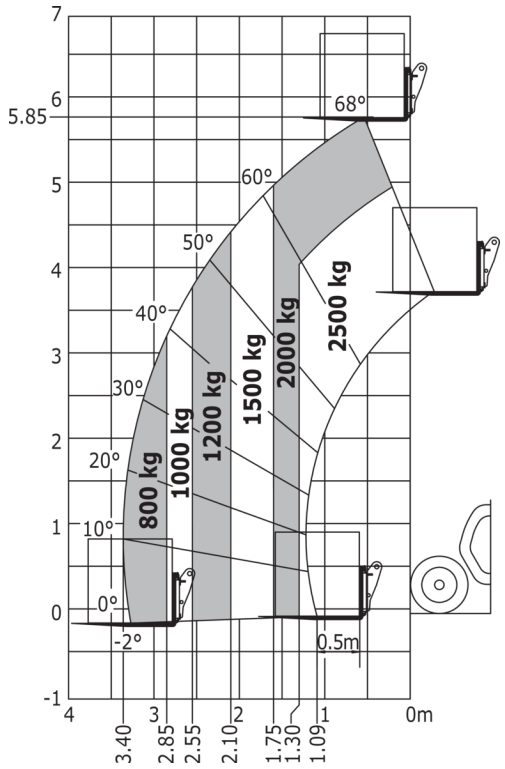






MT 625 e - Load chart

Machine on tires with forks Metric



Head Office
B.P. 249 - 430 rue de l'Aubinière
44150 Ancenis Cedex - France
Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97
www.manitou.com



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