

Technical sheet :

MT 625 E

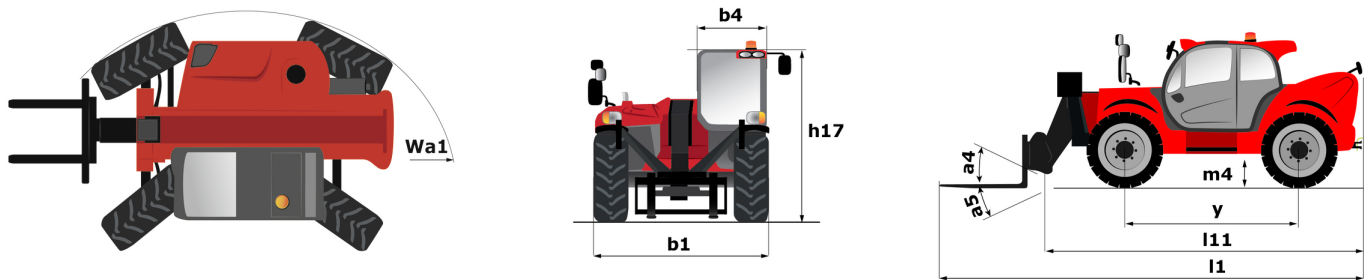
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 **MANITOU**
HANDLING YOUR WORLD

Capacities		Imperial
Max. capacity		5512 lb
Max. lifting height		19 ft 2 in
Max. outreach		11 ft 2 in
Breakout force with bucket		3770 daN
Weight and dimensions		
Overall length to carriage	l11	12 ft 7 in
Length to face of forks	l2	12 ft 10 in
Overall length (with forks)	l1	16 ft 9 in
Overall width	b1	5 ft 11 in
Overall height	h17	6 ft 4 in
Wheelbase	y	7 ft 7 in
Ground clearance	m4	1 ft 1 in
Overall cab width	b4	2 ft 7 in
Tilt-up angle	a4	12 °
Tilt-down angle	a5	117 °
External turning radius (over tyres)	Wa1	10 ft 10 in
Overall weight		10582 lb
Tires type		Pneumatic
Standard tires		CAMSO SKS532 12-16.5
Forks length / width / section	l / e / s	47 in x 5 in / 2 in
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		148 ft/lbs
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		10 mph
Parking brake		SAHR
Service brake		Hydraulic
Hydraulics		
Hydraulic pump type		Gear pump
Hydraulic flow / Pressure		21 US gpm-3408 PSI
Tank capacities		
Hydraulic oil		17 US gal
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

MT 625 e - Dimensional drawing





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