

MANITOU MLT 625 E

2.5 TONNE / 6 M CLASS ELECTRIC TELEHANDLER



Representative Manitou model image

CAPACITY AT A GLANCE

2,500 kg

maximum rated capacity - configuration dependent

5.90 m

maximum lifting height

2,500

MAX. CAPACITY
kg rated load

5.90

MAXIMUM LIFT
m lifting height

3.30

MAX. OUTREACH
m horizontal reach

4,762

UNLADEN WEIGHT
kg with forks

CAPACITY AND REACH

Maximum rated capacity	2,500 kg
Maximum lift height	5.90 m
Maximum outreach	3.30 m
Capacity at max. reach	Refer to load chart
Capacity at max. height	Refer to load chart
Load chart / configuration	See supporting pages
Weight - with forks	4,762 kg

ELECTRIC POWERTRAIN

Battery technology	Lithium-ion
Battery energy	34.80 kWh
Battery capacity	348 Ah
Nominal voltage	100 V
Drive motor	40 kW
Hydraulic motor	30 kW
Charger power	9 kW

DIMENSIONS

Length to carriage	3.90 m
Overall width	1.81 m
Overall height - standard tyres	2.00 m
Wheelbase	2.30 m
Ground clearance	0.38 m
Turning radius - over tyres	3.31 m
Cab width	0.80 m

PERFORMANCE AND HYDRAULICS

Maximum travel speed	20 km/h
Lift / lower time	11.10 / 8 s
Extend / retract time	7.70 / 7.40 s
Hydraulic flow / pressure	84 L/min / 235 bar
Hydraulic tank	80 L
Transmission	Electrical
Gears - forward / reverse	1 / 1



CAPACITY AND CONFIGURATION NOTE

Maximum capacity, lift height and outreach are separate limits. Use the load chart for the fitted attachment and operating configuration. Overall height varies with tyre option.

Source: supplied Manitou technical sheet. Fitted data plate and applicable load chart govern capacity.

1 / 3

LIFTING YOUR BUSINESS HIGHER

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MANITOU MLT 625 E

MANUFACTURER SPECIFICATIONS / CONFIGURATION REFERENCE

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		84 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/s²
Miscellaneous		
Cab certification		ROPS - FOPS cab (level 1)
Controls		JSM

Optional tires tab

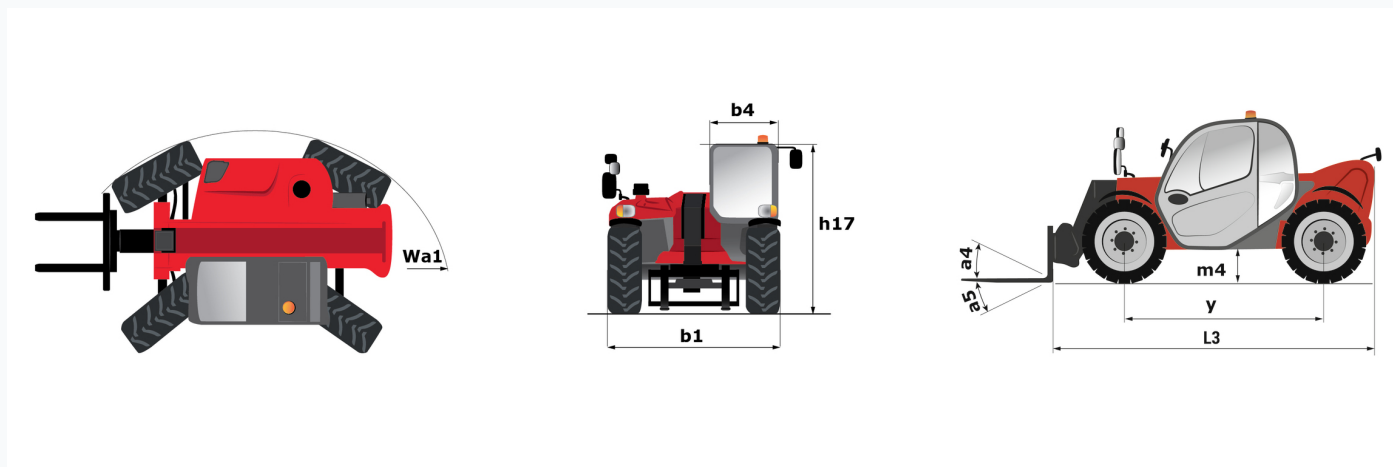
	Overall height	Overall width
MICHELIN - BIBSTEEL ALL TERRAIN - 300/70 R16.5 141A5	1.97 m	1.81 m
CAMSO - SKS532 - 12-16.5 145A2	1.92 m	1.81 m
CAMSO - SKS732 - 12-16.5 145A2	1.92 m	1.81 m

Manufacturer options and charts are reproduced for reference. Confirm the fitted configuration, tyres and attachment.

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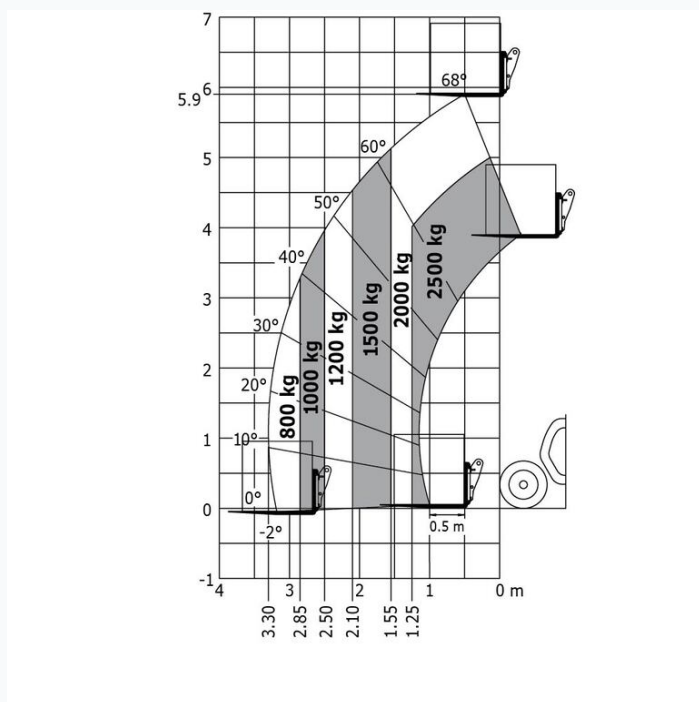
MANUFACTURER SPECIFICATIONS / CONFIGURATION REFERENCE

MLT 625 e - Dimensional drawing

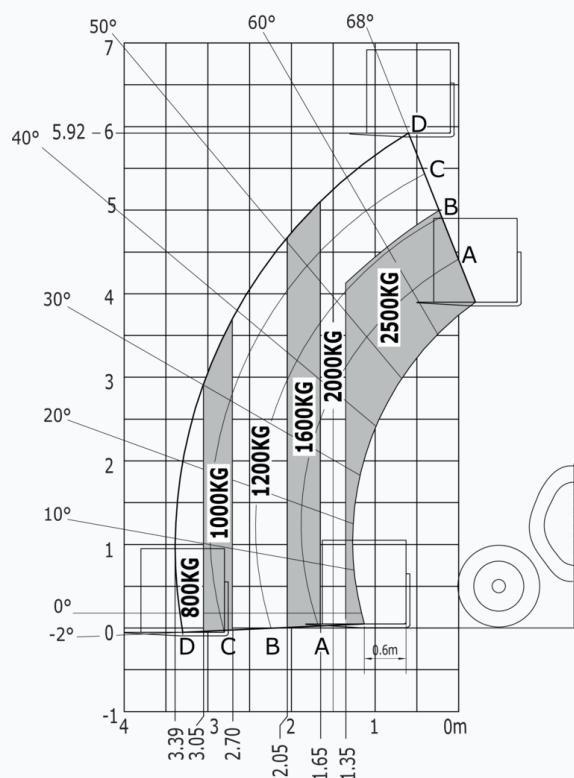


MLT 625 e - Load chart

Machine on tires with forks Metric



Machine on tires with forks LC 600 mm Metric



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