

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/s² |
| Miscellaneous | | |
| Steering wheels (front / rear) | | 2 / 2 |
| Drive wheels (front / rear) | | 2 / 2 |

MT 625 e - Dimensional drawing



MT 625 e - Load chart

Machine on tyres 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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