

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                                   |



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