

Technical sheet :

# MT 625 E

OXYGEN



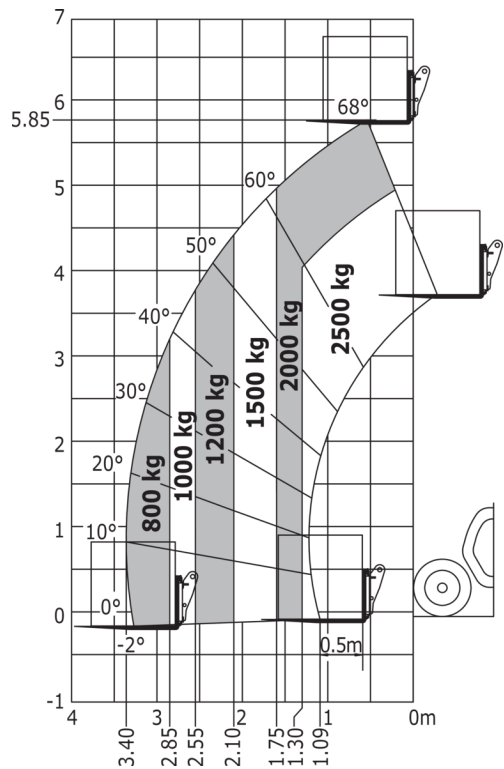
 **MANITOU**  
HANDLING YOUR WORLD

| Capacities                           |           | Metric                        |
|--------------------------------------|-----------|-------------------------------|
| Max. capacity                        | Q         | 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/s <sup>2</sup>       |
| Miscellaneous                        |           |                               |
| Steering wheels (front / rear)       |           | 2 / 2                         |
| Drive wheels (front / rear)          |           | 2 / 2                         |



# 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](http://www.manitou.com)



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