

Technical sheet :

# MT 1840 E

OXYGEN



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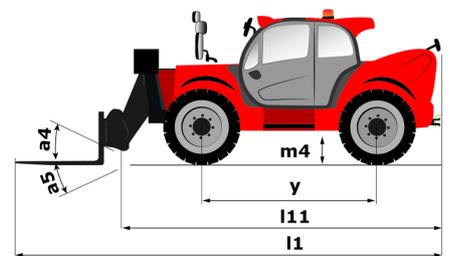
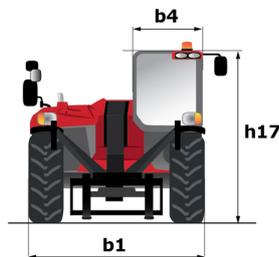
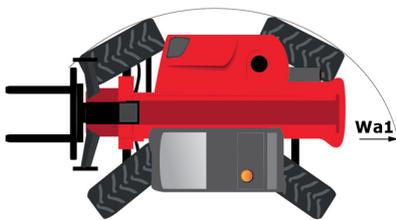
| Capacities                           |           | Metric                                  |
|--------------------------------------|-----------|---|
| Max. capacity                        | Q         | 4000 kg                                 |
| Max. lifting height                  |           | 17.55 m                                 |
| Maximum outreach                     |           | 13.10 m                                 |
| Weight and dimensions                |           |   |
| Overall length to carriage           | l11       | 6.21 m                                  |
| Overall width                        | b1        | 2.36 m                                  |
| Overall height                       | h17       | 2.49 m                                  |
| Wheelbase                            | y         | 3.07 m                                  |
| Ground clearance                     | m4        | 0.37 m                                  |
| Overall cab width                    | b4        | 0.95 m                                  |
| Tilt-up angle                        | a4        | 16 °                                    |
| Tilt-down angle                      | a5        | 110 °                                   |
| External turning radius (over tyres) | Wa1       | 4.01 m                                  |
| Overall weight                       |           | 11870 kg                                |
| Tires type                           |           | Inflatable                              |
| Standard tires                       |           | ALLIANCE - A325 - 400 / 80-24 162A8     |
| Forks length / width / section       | l / e / s | 1200 mm x 125 mm x 50 mm                |
| Frame leveling corrector             | a9        | 9 °                                     |
| Performances                         |           |   |
| Lifting                              |           | 19.80 s                                 |
| Lowering                             |           | 13.40 s                                 |
| Extension                            |           | 22 s                                    |
| Retraction                           |           | 18.30 s                                 |
| Crowd                                |           | 6.20 s                                  |
| Dump                                 |           | 6.70 s                                  |
| Engine/Battery                       |           |   |
| Drive motor power rating             |           | 56 kW                                   |
| Hydraulic motor power                |           | 28 kW                                   |
| Battery technology                   |           | Lithium-ion                             |
| Battery capacity                     |           | 683 Ah                                  |
| Battery nominal voltage              |           | 90 V                                    |
| Battery energy                       |           | 63 kWh                                  |
| Charger Power / Phase / Current type |           | 9 kW / Single-phase or three-phase / AC |
| Electric circuit                     |           |   |
| Battery voltage / capacity           |           | 100 V / 683 Ah                          |
| 12V Battery capacity                 |           | 110 Ah                                  |
| Transmission                         |           |   |
| Transmission type                    |           | Electrical                              |
| Number of gears (forward / reverse)  |           | 2 / 2                                   |
| Max. travel speed                    |           | 24.90 km/h                              |
| Parking brake                        |           | Automatic parking brake                 |
| Service brake                        |           | Hydraulic                               |
| Hydraulics                           |           |   |
| Hydraulic pump type                  |           | Variable displacement pump              |
| Capacity of hydraulic pump           |           | 63 cm³                                  |
| Hydraulic flow / Pressure            |           | 160 l/min-240 bar                       |
| Tank capacities                      |           |   |
| Hydraulic tank capacity              |           | 135 l                                   |
| Noise and vibration                  |           |   |
| Noise at driving position (LpA)      |           | 60 dB                                   |
| Noise to environment (LWA)           |           | 98 dB                                   |
| Vibration on hands/arms              |           | < 2.50 m/s²                             |
| Miscellaneous                        |           |   |
| Steering wheels (front / rear)       |           | 2 / 2                                   |
| Drive wheels (front / rear)          |           | 2 / 2                                   |
| Cab certification                    |           | Cabin ROPS - FOPS level 2               |
| Controls                             |           | JSM                                     |

# Options / Finishing

S : Standard / O : Optional / - : Not available

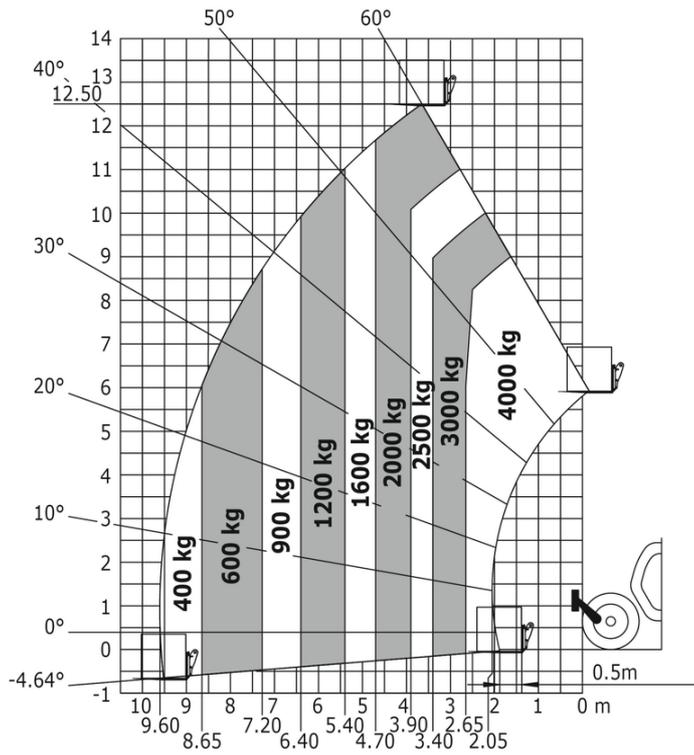
|   | Standard | Comfort |
|---|----------|---------|
| <b>Lifting function</b>                                 |          |         |
| Attachment hydraulic line                               | 0        | S       |
| Easy Connect System (ECS)                               | 0        | 0       |
| <b>Operator station</b>                                 |          |         |
| Additional handle in the cab right hand side            | 0        | 0       |
| Adjustable and telescopic steering column               | 0        | S       |
| Air suspension cloth-covered seat                       | 0        | 0       |
| Bluetooth USB radio - With extra microphone - 100W      | 0        | 0       |
| Bluetooth USB radio - With integrated microphone - 100W | 0        | 0       |
| Boom suspension "Active CRC"                            | 0        | 0       |
| Electric windows  | 0        | 0       |
| Fixed armrest   | 0        | 0       |
| Floor mat   | 0        | S       |
| Inner rear view mirror                                  | 0        | 0       |
| Lateral wiper   | 0        | S       |
| Manual air conditioning                                 | 0        | 0       |
| Mechanical cloth seat                                   | 0        | 0       |
| Mechanical suspension PVC seat - Grammer MSG65          | S        | S       |
| Radio pre-fitting                                       | 0        | S       |
| Rear camera with cab display screen                     | 0        | 0       |
| Tuner car radio - 50W                                   | 0        | 0       |
| <b>Motorization/Power</b>                               |          |         |
| Centralized greasing points                             | 0        | 0       |
| Continuous flow hydraulics                              | 0        | 0       |
| Europe plug adapter - Three-phase cable                 | S        | S       |
| On-board charger 9kW                                    | S        | S       |
| Three-phase charging cable kit + adapters               | S        | S       |
| <b>Lighting</b>   |          |         |
| LED front road lights                                   | S        | S       |
| LED front work lights                                   | 0        | 0       |
| LED rear work lights                                    | 0        | 0       |
| Work lights on boom head (x2)                           | 0        | 0       |
| <b>Security</b>   |          |         |
| Battery cut-off   | S        | S       |
| Emergency stop button outside the cab                   | 0        | 0       |
| OSS - Operation Safety System                           | 0        | 0       |
| Pedestrian detection camera (rear)                      | 0        | 0       |
| <b>Pneumatics</b>                                       |          |         |
| Tires - ALLIANCE - A325 - 400/80-24 162A8               | S        | S       |
| Tires - ALLIANCE - A325 - 440/80 R24 162A8              | 0        | 0       |
| Tires - MICHELIN - BIBLOAD - 440/80 R24 161A8           | 0        | 0       |

## MT 1840 e - Dimensional drawing

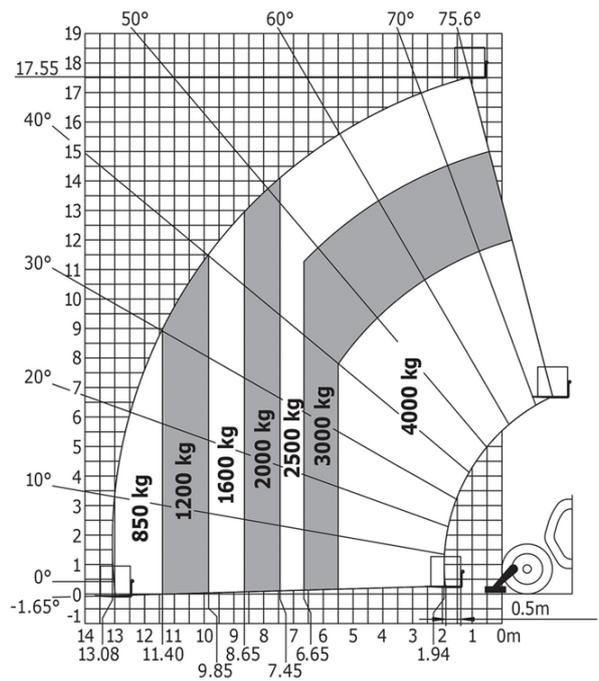


MT 1840 e - Load chart

Machine on tires with forks Metric



Machine on lowered stabilisers with forks Metric



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