Technical sheet:

# MT-X 735

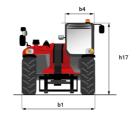


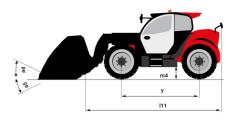


|  | MT-X 735 Created on Aug  | just 1, 2025 at 6:05 PM 010     |
|--|--|---------------------------------|
| Capacities   |  | Metric                          |
| Max. capacity  |  | 3500 kg                         |
| Max. lifting height  |  | 6.90 m                          |
| Maximum outreach   |  | 4 m                             |
| Breakout force with bucket                                       |  | 6980 daN                        |
| Weight and dimensions  |  |                                 |
| Overall length to carriage                                       | l11  | 4.70 m                          |
| Overall length (with forks)                                      | l1   | 5.98 m                          |
| Overall width  | b1   | 2.26 m                          |
| Overall height   | h17  | 2.48 m                          |
| Wheelbase  | у  | 2.80 m                          |
| Ground clearance   | m4   | 0.36 m                          |
| Overall cab width  | b4   | 0.95 m                          |
| Tilt-up angle  | a4   | 13 °                            |
| Tilt-down angle  | a5   | 114 °                           |
| External turning radius (over tyres)                             | Wa1  | 3.77 m                          |
| Unladen weight (with forks)                                      |  | 6970 kg                         |
| Unladen weight   |  | 6660 kg                         |
| Tires type   |  | Pneumatic                       |
| Standard tires   | Anol   | o 400/80 - 24 - 162A8           |
| Forks length / width / section                                   |  | mm x 100 mm x 50 mm             |
| Performances   | 1,0,0  |                                 |
| Lifting  |  | 6.60 s                          |
| Lowering   |  | 5 s                             |
| Extension  |  | 5.90 s                          |
| Retraction   |  | 4.60 s                          |
| Crowd  |  | 3.10 s                          |
| Dump   |  | 3.10 s                          |
| Engine   |  | 0.110 0                         |
| Engine brand   |  | Perkins                         |
| Engine norm  |  | Stage IIIA                      |
| Engine model   | 1  | 104D-44T NL85156                |
| Number of cylinders / Capacity of cylinders                      |  | 4 - 4400 cm <sup>3</sup>        |
| I.C. Engine power rating - Power                                 |  | 95 Hp / 70 kW                   |
| Max. torque / Engine rotation                                    | 3  | 92 Nm @ 1400 rpm                |
| Drawbar pull   | , and the second se | 5650 daN                        |
| Drawbar pull (Laden)   |  | 8050 daN                        |
| Electric circuit   |  | 0000 0011                       |
| 12V Battery capacity   |  | 110 Ah                          |
| Transmission   |  | 1107111                         |
| Transmission type  |  | Torque converter                |
| Number of gears (forward / reverse)                              |  | 4 / 4                           |
| Max. travel speed  |  | 25 km/h                         |
| Max. travel speed (may vary according to applicable regulations) |  | 24.50 km/h                      |
| Parking brake  | Δut  | omatic parking brake            |
| Service brake  |  | draulic servo brake             |
| Hydraulics   | •  | diddic Selvo blake              |
| Hydraulic pump type  |  | Axial piston                    |
| Hydraulic Pressure   |  | 260 bar                         |
| Tank capacities  |  | 200 Dai                         |
| Engine oil   |  | 11.40 l                         |
| Hydraulic oil  |  | 129                             |
| Fuel tank  |  | 103                             |
| Noise and vibration  |  | 1031                            |
| Noise at driving position (LpA)                                  |  | 82 dB                           |
| Noise to environment (LwA)                                       |  | 105 dB                          |
| Vibration on hands/arms  |  |                                 |
|  |  | < 2.50 m/s <sup>2</sup>         |
| Miscellaneous  Charing whools (front / mar)                      |  | 2/2                             |
| Steering wheels (front / rear)                                   |  | 2/2                             |
| Drive wheels (front / rear)                                      | 01   | 2 / 2                           |
| Safety / Cab certification                                       | Standard EN 15   | 000 / Cabin ROPS - FOPS level 2 |
| Controls   |  | JSM                             |

## MT-X 735 - Dimensional drawing

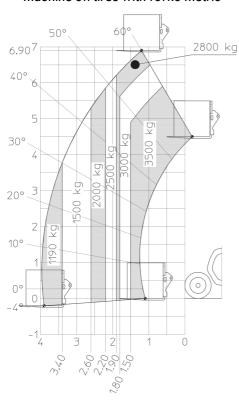






### MT-X 735 - Load chart

#### Machine on tires with forks Metric







#### **Head Office**

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