

Technical sheet :

# MT-X 733

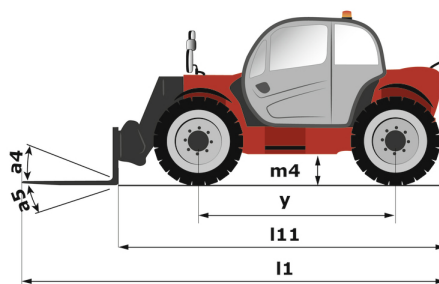
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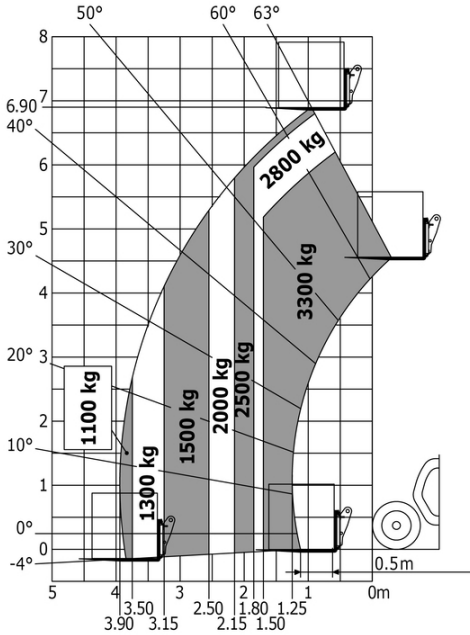
| Capacities                                  |           | Metric                                                 |
|---------------------------------------------|-----------|--------------------------------------------------------|
| Max. capacity                               |           | 3300 kg                                                |
| Max. lifting height                         |           | 6.90 m                                                 |
| Max. outreach                               |           | 3.90 m                                                 |
| Breakout force with bucket                  |           | 7400 daN                                               |
| Weight and dimensions                       |           |                                                        |
| Overall length to carriage                  | l11       | 4.74 m                                                 |
| Length to face of forks                     | l2        | 4.76 m                                                 |
| Overall width                               | b1        | 2.26 m                                                 |
| Overall height                              | h17       | 2.30 m                                                 |
| Wheelbase                                   | y         | 2.81 m                                                 |
| Ground clearance                            | m4        | 0.45 m                                                 |
| Overall cab width                           | b4        | 0.89 m                                                 |
| Tilt-up angle                               | a4        | 12 °                                                   |
| Tilt-down angle                             | a5        | 114 °                                                  |
| External turning radius (over tyres)        | Wa1       | 3.80 m                                                 |
| Unladen weight (with forks)                 |           | 7090 kg                                                |
| Overall weight                              |           | 6620 kg                                                |
| Tires type                                  |           | Pneumatic                                              |
| Standard tires                              |           | Alliance 400/80 - 24 - 162A8                           |
| Forks length / width / section              | l / e / s | 1200 mm x 125 mm x 45 mm                               |
| Performances                                |           |                                                        |
| Lifting                                     |           | 7.20 s                                                 |
| Lowering                                    |           | 5.50 s                                                 |
| Extension                                   |           | 6.50 s                                                 |
| Retraction                                  |           | 5.40 s                                                 |
| Crowd                                       |           | 2.90 s                                                 |
| Dump                                        |           | 2.80 s                                                 |
| Engine                                      |           |                                                        |
| Engine brand                                |           | Perkins                                                |
| Engine norm                                 |           | Stage IIIA                                             |
| Max. fuel sulphur content                   |           | 5000 ppm                                               |
| Engine model                                |           | 1104D-44 T                                             |
| Number of cylinders / Capacity of cylinders |           | 4 - 4400 cm³                                           |
| I.C. Engine power rating - Power            |           | 95 Hp / 70 kW                                          |
| Max. torque / Engine rotation               |           | 392 Nm @ 1400 rpm                                      |
| Drawbar pull (Laden)                        |           | 9000 daN                                               |
| Transmission                                |           |                                                        |
| Transmission type                           |           | Torque converter                                       |
| Number of gears (forward / reverse)         |           | 4 / 4                                                  |
| Max. travel speed                           |           | 27 km/h                                                |
| Parking brake                               |           | Manual                                                 |
| Service brake                               |           | Oil-immersed multi-discs braking on front & rear axles |
| Hydraulics                                  |           |                                                        |
| Hydraulic pump type                         |           | Gear pump                                              |
| Hydraulic flow / Pressure                   |           | 104 l/min-250 bar                                      |
| Tank capacities                             |           |                                                        |
| Engine oil                                  |           | 10 l                                                   |
| Hydraulic oil                               |           | 128 l                                                  |
| Fuel tank                                   |           | 120 l                                                  |
| Noise and vibration                         |           |                                                        |
| Noise at driving position (LpA)             |           | 78 dB                                                  |
| Noise to environment (LwA)                  |           | 104 dB                                                 |
| Vibration on hands/arms                     |           | < 2.50 m/s²                                            |
| Miscellaneous                               |           |                                                        |
| Steering wheels (front / rear)              |           | 2 / 2                                                  |
| Drive wheels (front / rear)                 |           | 2 / 2                                                  |
| Safety / Safety cab homologation            |           | Standard EN 15000 / Cabin ROPS - FOPS level 2          |
| Controls                                    |           | JSM                                                    |

### MT-X 733 - Dimensional drawing



MT-X 733 - Load chart

Machine on tires with forks Metric





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