Technical sheet:

# **MLT-X 741 T LSU**





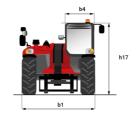
|   | MLT-X 741 T LSU Created on May 9, 2024 at 9:34:00   | MLT-X 741 T LSU Created on May 9, 2024 at 9:34:00 AM UT |  |  |
|---|---|---|--|--|
| Capacities  | Metric  |   |  |  |
| Max. capacity   | Q 4100 kg   |   |  |  |
| Max. lifting height   | h3 6.90 m   |   |  |  |
| Max. outreach   | 3.90 m  |   |  |  |
| Reach at max. height  | 1 m   |   |  |  |
| Breakout force with bucket  | 6825 daN  |   |  |  |
| Weight and dimensions   |   |   |  |  |
| Unladen weight (with forks)                                       | 7450 kg   |   |  |  |
| Ground clearance  | m4 0.44 m   |   |  |  |
| Wheelbase   | y 2.81 m  |   |  |  |
| Overall length to carriage (with hitch)                           | I11 4.99 m  |   |  |  |
| Front overhang  | 1.19 m  |   |  |  |
| Overall width   | b1 2.40 m   |   |  |  |
| Overall cab width   |   |   |  |  |
|   | b4 0.98 m   |   |  |  |
| Overall height  | h17 2.30 m  |   |  |  |
| Tilt-down angle   | a5 134°   |   |  |  |
| Tilt-up angle   | a4 13 °   |   |  |  |
| External turning radius (over tyres)                              | Wa1 3.86 m  |   |  |  |
| Standard tires  | Firestone - R8000 UT - 460/70 R24 15  | 9A8   |  |  |
| Performances  |   |   |  |  |
| Lifting   | 8.10 s  |   |  |  |
| Lowering  | 6.20 s  |   |  |  |
| Extension   | 8.40 s  |   |  |  |
| Retraction  | 6.80 s  |   |  |  |
| Crowd   | 3.80 s  |   |  |  |
| Dump  | 3.20 s  |   |  |  |
| Engine  |   |   |  |  |
| Engine brand  | Perkins   |   |  |  |
| Engine norm   | Stage IIIA  |   |  |  |
| Engine model  | 1104D-44 T  |   |  |  |
| Number of cylinders - Capacity of cylinders                       | 4 - 4400 cm³  |   |  |  |
| I.C. Engine power rating / Power                                  | 101 Hp / 74.50 kW   |   |  |  |
| Max. torque / Engine rotation                                     | 410 Nm @1600 rpm  |   |  |  |
| Drawbar pull (Laden)  | 8200 daN  |   |  |  |
| Reversible fan  | Standard  |   |  |  |
| Engine cooling system   | 3 radiators water + intercooler + transmis  | sion oil  |  |  |
| Transmission  |   |   |  |  |
| Transmission type   | Torque converter  |   |  |  |
| Gearbox   | Powershuttle  |   |  |  |
| Number of gears (forward / reverse)                               | 4 / 4   |   |  |  |
| Max. travel speed (may vary according to applicable regulations)  | 35 km/h   |   |  |  |
| Differential lock   | Limited slip differential on front ax   | le  |  |  |
| Parking brake   | Mechanical hand-operated parking bi   |   |  |  |
|   | Oil-immersed multi-discs braking on from  |   |  |  |
| Service brake   | axles   | it dicui  |  |  |
| Hydraulics  |   |   |  |  |
| Hydraulic flow - Pressure   | 108 l/min - 270 bar   |   |  |  |
| Flow sharing distributor  | Standard  |   |  |  |
| Tank capacities   |   |   |  |  |
| Hydraulic oil   | 135   |   |  |  |
| Fuel tank   | 142 I   |   |  |  |
| Noise and vibration   |   |   |  |  |
| Noise at driving position (LpA) tested following NF EN 12053 norm | 76 dB   |   |  |  |
| Noise to environment (LwA)  | 104 dB  |   |  |  |
| Vibration to whole hand/arm                                       | < 2.50 m/s <sup>2</sup>   |   |  |  |
| Miscellaneous   | < 2.50 III/\$*  |   |  |  |
|   | Total Control of the |   |  |  |
| Tractor homologation  | Tractor homologation  |   |  |  |
| Safety cab homologation   | ROPS - FOPS level 2 cab   |   |  |  |
| Controls  | JSM   |   |  |  |

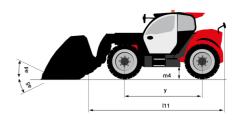
## **Optional tires tab**

| Optional tires                        | 0 | verall height | Overall width |
|---------------------------------------|---|---------------|---------------|
| ALLIANCE - A580 - 460/70 R24 159A8    |   | 2.30 m        | 2.40 m        |
| NOKIAN - TRI STEEL - 460/65 R24 156A8 |   | 2.27 m        | 2.38 m        |
| MICHELIN - XMCL - 460/70 R24 159A8    |   | 2.28 m        | 2.38 m        |
| MICHELIN - XMCL - 500/70 R24 164A8    |   | 2.30 m        | 2.41 m        |

### MLT-X 741 T LSU - Dimensional drawing

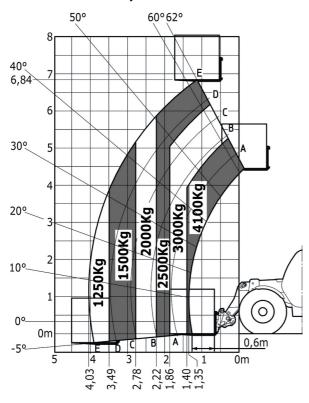






#### MLT-X 741 T LSU - Load chart

#### Machine on tyres with forks Metric







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