

Technical sheet :

# **MLT-X 741 T LSU**

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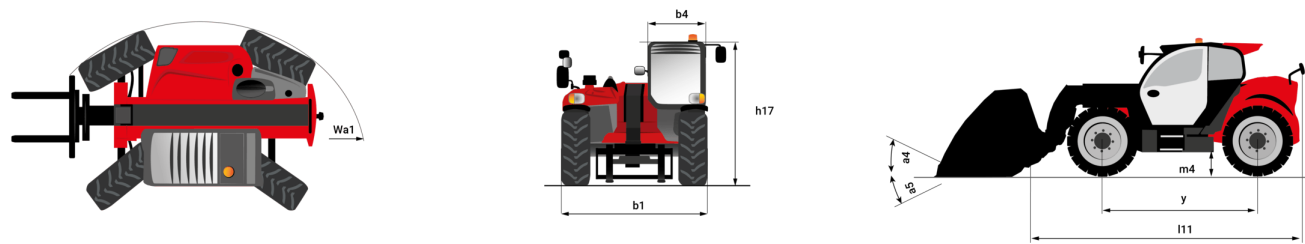
 **MANITOU**  
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| Capacities                                                        |     | Metric                                                 |
|-------------------------------------------------------------------|-----|--------------------------------------------------------|
| Max. capacity                                                     | Q   | 4100 kg                                                |
| Max. lifting height                                               |     | 6.90 m                                                 |
| Maximum 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)                           | l11 | 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                                                    |     | Alliance - A580 - 460/70 R24 159A8                     |
| Steering mode                                                     |     | Manicrab, 2 wheel steer, 4 wheel steer, Crab mode      |
| 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                                           |
| Engine power (Hp / kW)                                            |     | 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 + transmission 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 axle                |
| Parking brake                                                     |     | Mechanical hand-operated parking brake                 |
| Service brake                                                     |     | Oil-immersed multi-discs braking on front & rear axles |
| Hydraulics                                                        |     |                                                        |
| Hydraulic pump type                                               |     | Variable displacement pump                             |
| Hydraulic flow - Pressure                                         |     | 108 l/min - 270 bar                                    |
| Flow sharing distributor                                          |     | Standard                                               |
| Tank capacities                                                   |     |                                                        |
| Hydraulic tank capacity                                           |     | 135 l                                                  |
| Fuel                                                              |     | 142 l                                                  |
| Noise and vibration                                               |     |                                                        |
| Noise at driving position (LpA) tested following NF EN 12053 norm |     | 76 dB                                                  |
| Noise to environment (LWA)                                        |     | 104 dB                                                 |
| Vibration on hands/arms                                           |     | < 2.50 m/s²                                            |
| Miscellaneous                                                     |     |                                                        |
| Tractor homologation                                              |     | Tractor homologation                                   |
| Cab certification                                                 |     | Cabin ROPS - FOPS level 2                              |
| Controls                                                          |     | JSM                                                    |

Optional tires tab

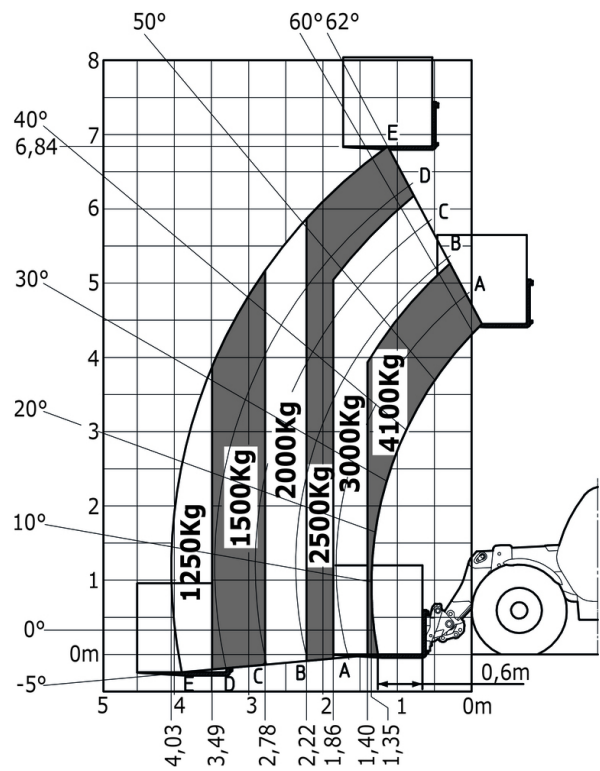
|                                       | Overall height | Overall width |
|---------------------------------------|----------------|---------------|
| ALLIANCE - A570 - 17,5 LR24           | -              | -             |
| MICHELIN - XHA - 15.5 R25 158A2       | -              | -             |
| NOKIAN - TRI STEEL - 460/65 R24 156A8 | 2.27 m         | 2.38 m        |

MLT-X 741 T LSU - Dimensional drawing



MLT-X 741 T LSU - Load chart

Machine on tires with forks Metric





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