

Technical sheet :

# **MLT-X 741 T LSU**

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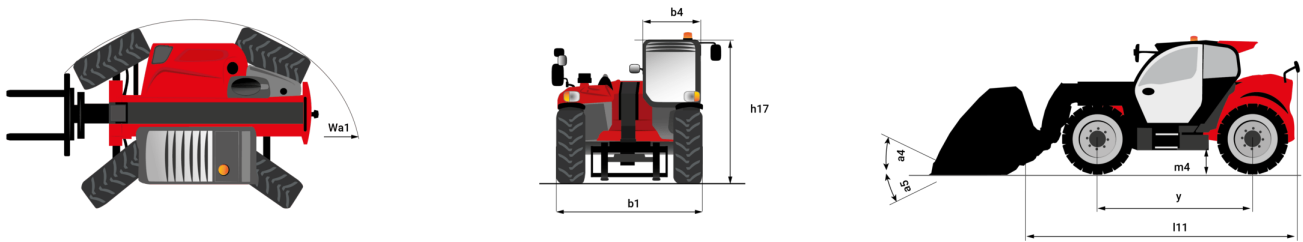
 **MANITOU**  
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| Capacities  |     | Metric   |
|---|-----|--|
| Max. capacity   | Q   | 4100 kg  |
| Max. lifting height   | h3  | 6.90 m   |
| Maximum outreach  |     | 3.90 m   |
| Reach at max. height  |     | 1 m  |
| Breakout force with bucket  |     | 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  |     | Firestone - R8000 UT - 460/70 R24 159A8                |
| 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 + 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 tank   |     | 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

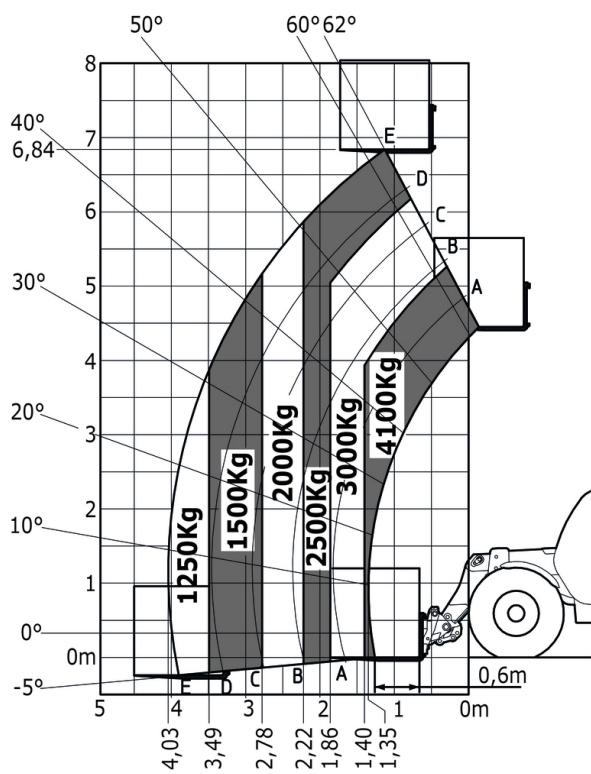
|                                       | Overall height | Overall width |
|---------------------------------------|----------------|---------------|
| ALLIANCE - A570 - 17,5 LR24           | -              | -             |
| ALLIANCE - A580 - 460/70 R24 159A8    | 2.30 m         | 2.40 m        |
| MICHELIN - XHA - 15.5 R25 158A2       | -              | -             |
| MICHELIN - XMCL - 500/70 R24 164A8    | 2.30 m         | 2.41 m        |
| 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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