

Technical sheet :

MLT-X 741 T LSU



 **MANITOU**
HANDLING YOUR WORLD

| 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) | 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 flow - Pressure | | 108 l/min - 270 bar |
| Flow sharing distributor | | Standard |
| Tank capacities | | |
| 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 |
| Safety cab homologation | | Cabin ROPS - FOPS level 2 |
| Controls | | JSM |

Optional tires tab

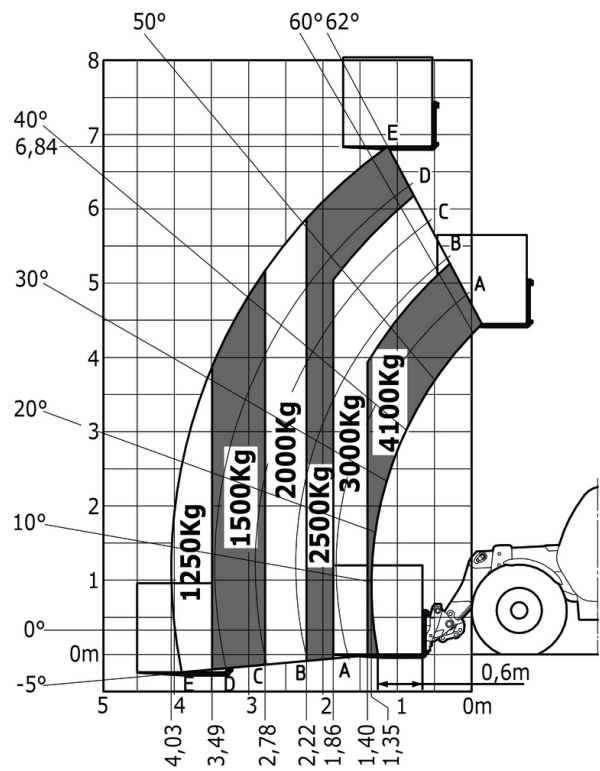
| Optional tires tab | Overall height | Overall width |
|---------------------------------------|----------------|---------------|
| ALLIANCE - A570 - 17,5 LR24 | - | - |
| ALLIANCE - A580 - 460/70 R24 159A8 | 2.30 m | 2.40 m |
| MICHELIN - XHA - 15.5 R25 | - | - |
| MICHELIN - XMCL - 460/70 R24 159A8 | 2.28 m | 2.38 m |
| 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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