

Technical sheet :

MLT 630-115 V



 **MANITOU**
HANDLING YOUR WORLD

| Capacities | | Metric |
|---|-----|---|
| Max. capacity | Q | 3000 kg |
| Max. lifting height | h3 | 6.10 m |
| Max. outreach | | 3.34 m |
| Reach at max. height | | 0.90 m |
| Breakout force with bucket | | 4914 daN |
| Weight and dimensions | | |
| Unladen weight (with forks) | | 6960 kg |
| Ground clearance | m4 | 0.39 m |
| Wheelbase | y | 2.69 m |
| Overall length to carriage (with hitch) | l11 | 4.78 m |
| Overall length to carriage (without hitch) | l3 | 4.63 m |
| Front overhang | | 1.25 m |
| Overall width | b1 | 2.13 m |
| Overall cab width | b4 | 0.95 m |
| Overall height | h17 | 2.34 m |
| Tilt-down angle | a5 | 133 ° |
| Tilt-up angle | a4 | 13 ° |
| External turning radius (over tyres) | Wa1 | 3.68 m |
| Standard tires | | Alliance - A580 - 405/70 R24 152A8 |
| Drive wheels (front / rear) | | 2 / 2 |
| Steering wheels (front / rear) | | 2 / 2 |
| Performances | | |
| Lifting | | 6.50 s |
| Lowering | | 4.90 s |
| Extension | | 5.80 s |
| Retraction | | 5.30 s |
| Crowd | | 3.20 s |
| Dump | | 2.60 s |
| Engine | | |
| Engine brand | | Deutz |
| Engine norm | | Stage V |
| Engine model | | TCD 3.6 L4 |
| Number of cylinders - Capacity of cylinders | | 4 - 3621 cm³ |
| I.C. Engine power rating / Power | | 116 Hp / 85 kW |
| Max. torque / Engine rotation | | 460 Nm @1600 rpm |
| Drawbar pull (Laden) | | 6500 daN |
| Reversible fan | | Standard |
| Engine cooling system | | 4 radiators (water + intercooler + oil + fuel) |
| HVO validated (according to EN 15940 standard) | | Yes |
| Transmission | | |
| Transmission type | | M-Varioshift |
| Number of gears (forward / reverse) | | 2 / 2 |
| Max. travel speed (may vary according to applicable regulations) | | 40 km/h |
| Differential lock | | Limited slip differential on front axle |
| Parking brake | | Manual |
| Service brake | | Oil-Immersed multi-discs braking on front axles |
| Hydraulics | | |
| Hydraulic pump type | | Gear pump |
| Hydraulic flow - Pressure | | 106 l/min - 250 bar |
| Flow sharing distributor | | Option |
| Tank capacities | | |
| Hydraulic oil | | 94 l |
| Fuel tank | | 78 l |
| Diesel Exhaust fluid (AdBlue® type) | | 13 l |
| Noise and vibration | | |
| Noise at driving position (LpA) tested following NF EN 12053 norm | | 73 dB |
| Noise to environment (LwA) | | 106 dB |
| Vibration to whole hand/arm | | < 2.50 m/s² |
| Miscellaneous | | |
| Tractor homologation | | Tractor homologation |
| Safety cab homologation | | ROPS - FOPS level 2 cab |
| Controls | | JSM |

Optional tires tab

| Optional tires | Overall height | Overall width |
|--|----------------|---------------|
| ALLIANCE - A580 - 400/70 R20 149A8 | 2.29 m | 2.06 m |
| ALLIANCE - A580 - 460/70 R24 159A8 | 2.37 m | 2.16 m |
| FIRESTONE - R8000 UT - 460/70 R24 159A8 | 2.38 m | 2.18 m |
| MICHELIN - BIBLOAD - 400/70 R20 149A8 | 2.33 m | 2.06 m |
| MICHELIN - BIBLOAD - 460/70 R24 159A8 | 2.37 m | 2.16 m |
| MICHELIN - XMCL - 400/70 R20 149A8 | 2.28 m | 2.06 m |
| MICHELIN - XMCL - 460/70 R24 159A8 | 2.37 m | 2.16 m |
| TRELLEBORG - TH400 - 460/70 R24 159A8 | 2.37 m | 2.16 m |
| VREDESTEIN - ENDURION - 460/70 R24 159A8 | 2.37 m | 2.17 m |
| NOKIAN - TRI STEEL - 460/65 R24 156A8 | 2.35 m | 2.15 m |

MLT 630-115 V - Dimensional drawing





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