

Technical sheet :

# **MLT 630-115 (S1)**

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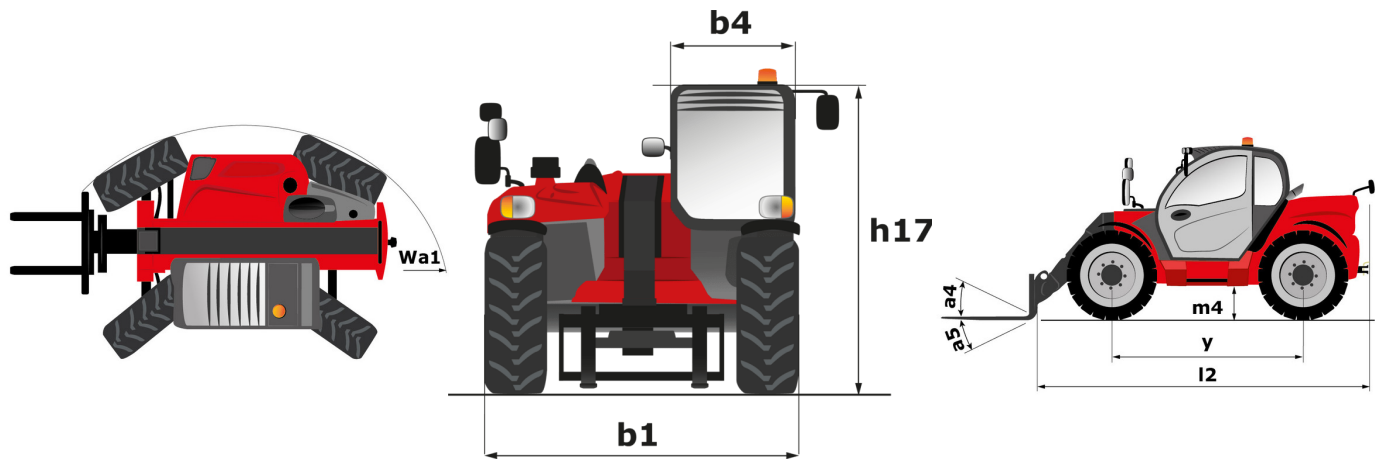
 **MANITOU**  
HANDLING YOUR WORLD

| Capacities  |     | Metric  |
|---|-----|---|
| Max. capacity   | Q   | 3000 kg   |
| Max. lifting height   | h3  | 6.10 m  |
| Maximum outreach  |     | 3.34 m  |
| Reach at max. height  |     | 0.90 m  |
| Breakout force with bucket  |     | 4517 daN  |
| Weight and dimensions   |     |   |
| Unladen weight (with forks)                                       |     | 7010 kg   |
| Ground clearance  | m4  | 0.35 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 mode   |     | Manicrab, 2 wheel steer, 4 wheel steer, Crab mode                           |
| Performances  |     |   |
| Lifting   |     | 6.50 s  |
| Lowering  |     | 4.80 s  |
| Extension   |     | 6 s   |
| Retraction  |     | 5.20 s  |
| Crowd   |     | 3.30 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  |
| Engine power (Hp / kW)  |     | 116 Hp / 85 kW  |
| Max. torque / Engine rotation                                     |     | 460 Nm @1600 rpm  |
| Drawbar pull (Laden)  |     | 6300 daN  |
| Reversible fan  |     | Standard  |
| Engine cooling system   |     | 5 (radiators water + intercooler + hydraulic oil + transmission oil + fuel) |
| HVO validated (according to EN 15940 standard)                    |     | Yes   |
| Transmission  |     |   |
| Transmission type   |     | Torque converter  |
| Gearbox   |     | Powershuttle  |
| Number of gears (forward / reverse)                               |     | 4 / 4   |
| 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 & rear axles                      |
| Hydraulics  |     |   |
| Hydraulic pump type   |     | Gear pump   |
| Hydraulic flow - Pressure   |     | 106 l/min - 250 bar   |
| Flow sharing distributor  |     | Option  |
| Tank capacities   |     |   |
| Hydraulic tank capacity   |     | 94 l  |
| Fuel  |     | 78 l  |
| Diesel Exhaust fluid (AdBlue® type)                               |     | 13 l  |
| Noise and vibration   |     |   |
| Noise at driving position (LpA) tested following NF EN 12053 norm |     | 74 dB   |
| Noise to environment (LwA)  |     | 105 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

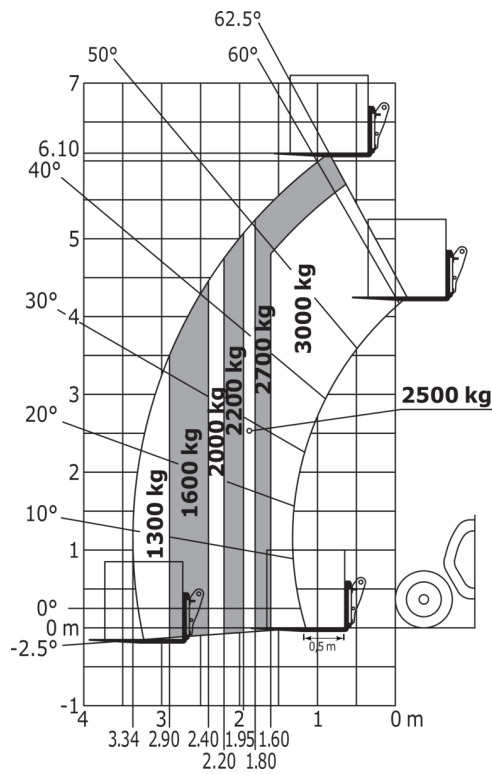
|  | Overall height | Overall width |
|--|----------------|---------------|
| ALLIANCE - A580 - 400/70 R20 149A8       | 2.29 m         | 2.06 m        |
| ALLIANCE - A580 - 460/70 R24 159A8       | 2.37 m         | 2.16 m        |
| MICHELIN - BIBLOAD - 400/70 R20 149A8    | 2.33 m         | 2.06 m        |
| 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        |
| NOKIAN - TRI STEEL - 460/65 R24 156A8    | 2.35 m         | 2.15 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        |

MLT 630-115 (S1) - Dimensional drawing



MLT 630-115 (S1) - Load chart

Machine on tires with forks Metric





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