Technical sheet :

# MLT 940-140 V+ (S1)



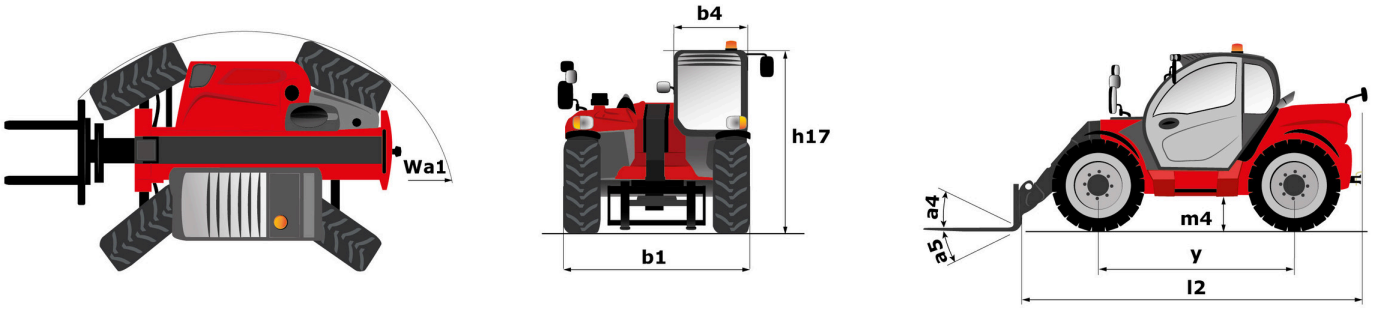

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| Capacities | | Metric |
|---|---|---|
| Max. capacity | Q | 4000 kg |
| Max. lifting height | | 9 m |
| Max. outreach | | 6.55 m |
| Reach at max. height | | 2.40 m |
| Breakout force with bucket | | 5402 daN |
| **Weight and dimensions** | | |
| Unladen weight (with forks) | | 8361 kg |
| Ground clearance | m4 | 0.42 m |
| Wheelbase | y | 2.81 m |
| Overall length to carriage (with hitch) | l11 | 5.12 m |
| Overall length to carriage (without hitch) | l3 | 4.94 m |
| Front overhang | | 1.36 m |
| Overall width | b1 | 2.39 m |
| Overall cab width | b4 | 0.95 m |
| Overall height | h17 | 2.38 m |
| Tilt-down angle | a5 | 133 ° |
| Tilt-up angle | a4 | 14 ° |
| External turning radius (over tyres) | Wa1 | 3.93 m |
| Standard tires | | Alliance - A580 - 460/70 R24 159A8 |
| Drive wheels (front / rear) | | 2 / 2 |
| Steering mode | | Manicrab, 2 wheel steer, 4 wheel steer, Crab mode |
| **Performances** | | |
| Lifting | | 6.50 s |
| Lowering | | 7.20 s |
| Extension | | 11 s |
| Retraction | | 8.10 s |
| Crowd | | 3.20 s |
| Dump | | 2.90 s |
| **Engine** | | |
| Engine brand | | Deutz |
| Engine norm | | Stage V / Tier 4 Final |
| Engine model | | TCD 3.6 L4 |
| Number of cylinders - Capacity of cylinders | | 4 - 3621 cm³ |
| Engine power (Hp / kW) | | 136 Hp / 100 kW |
| Max. torque / Engine rotation | | 500 Nm @1600 rpm |
| Drawbar pull (Laden) | | 6200 daN |
| Reversible fan | | Standard |
| Engine cooling system | | 4 radiators (water + intercooler + hydraulic oil + transmission oil) |
| HVO validated (according to EN 15940 standard) | | Yes |
| **Transmission** | | |
| Transmission type | | M-Vario Plus |
| Max. travel speed (may vary according to applicable regulations) | | 40 km/h |
| Differential lock | | Limited slip differential on front axle |
| Parking brake | | Automatic negative parking brake |
| Service brake | | Oil-immersed multi-discs braking on front & rear axles |
| **Hydraulics** | | |
| Hydraulic pump type | | Variable displacement pump |
| Hydraulic flow - Pressure | | 170 l/min - 270 bar |
| Flow sharing distributor | | Standard |
| **Tank capacities** | | |
| Hydraulic tank capacity | | 135 l |
| Fuel tank capacity | | 120 l |
| Diesel Exhaust fluid (AdBlue® type) tank capacity | | 10 l |
| **Noise and vibration** | | |
| Noise at driving position (LpA) tested following NF EN 12053 norm | | 72 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

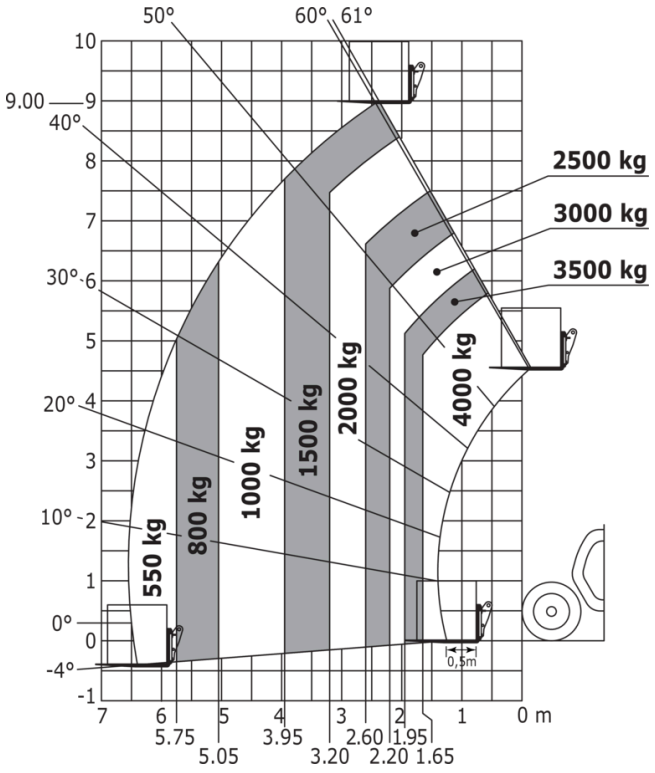
| | Overall height | Overall width |
|---|---|---|
| TRELLEBORG - TH400 - 460/70 R24 159A8 | 2.37 m | 2.40 m |
| TRELLEBORG - TH400 - 500/70 R24 164A8 | 2.39 m | 2.42 m |
| MICHELIN - XMCL - 500/70 R24 164A8 | 2.39 m | 2.43 m |
| MICHELIN - BIBLOAD - 460/70 R24 159A8 | 2.37 m | 2.40 m |
| MICHELIN - BIBLOAD - 500/70 R24 164A8 | 2.39 m | 2.43 m |
| MICHELIN - XHA - 15.5 R25 158A2 | 2.37 m | 2.40 m |
| NOKIAN - TRI STEEL - 460/65 R24 156A8 | 2.36 m | 2.40 m |
| MICHELIN - XMCL - 460/70 R24 159A8 | 2.37 m | 2.40 m |
| VREDESTEIN - ENDURION - 460/70 R24 159A8 | 2.38 m | 2.41 m |
| VREDESTEIN - ENDURION - 500/70 R24 164A8 | 2.41 m | 2.44 m |
| TRELLEBORG - TH500 - 460/70 R24 159A8 | 2.37 m | 2.40 m |
| ALLIANCE - A585 - 460/70 R24 159A8 | 2.37 m | 2.40 m |

## MLT 940-140 V+ (S1) - Dimensional drawing




## MLT 940-140 V+ (S1) - Load chart

Machine on tires with forks Metric



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