Technical sheet :

# MLT 635-140 V+ (S2)





#### **MLT 635-140 V+ (S2)** Created on August 31, 2025 at 9:20 PM UTC

|   | <b>MLT 635-140 V+</b> ( <b>S2</b> ) Created on August 31, 2025 at 9:20 PM L                                       |
|---|---|
| Capacities  | Metric  |
| Max. capacity   | Q 3500 kg   |
| Max. lifting height   | h3 6.13 m   |
| Maximum outreach  | 3.26 m  |
| Reach at max. height  | 0.60 m  |
| Breakout force with bucket  | 5900 daN  |
| Weight and dimensions   |   |
| Unladen weight (with forks)                                       | 7280 kg   |
| Ground clearance  | m4 0.42 m   |
| Wheelbase   | y 2.60 m  |
| Overall length to carriage (with hitch)                           | l11 4.71 m  |
| Front overhang  | 1.16 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 °  |
|   | a3 133 133 133  |
| Tilt-up angle   | 44 14<br>Wa1 3.77 m   |
| External turning radius (over tyres)                              |   |
| Standard tires  | Alliance - A580 - 460/70 R24 159A8  |
| Drive wheels (front / rear)                                       | 2/2   |
| Steering wheels (front / rear)                                    | 2/2   |
| Performances Lifting  | 7s  |
|   |   |
| Lowering  | 5.60 s  |
| Extension   | 5 s   |
| Retraction  | 4.30 s  |
| Crowd   | 3.80 s  |
| Dump  | 3.10 s  |
| Engine  |   |
| Engine brand  | Deutz   |
| Engine norm   | Stage V   |
| Engine model  | TCD 3,6 L4  |
| Number of cylinders - Capacity of cylinders                       | 4 - 3621 cm <sup>3</sup>  |
| I.C. Engine power rating / Power                                  | 136 Hp / 100 kW   |
| Max. torque / Engine rotation                                     | 500 Nm @1600 rpm  |
| Drawbar pull (Laden)  | 6480 daN  |
| Reversible fan  | Standard  |
| Engine cooling system   | Engine cooling system - 4 radiators (water +<br>intercooler + hydraulic oil f hydraulic oil f or<br>transmission) |
| 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   |   |
| Parking blake<br>Service brake                                    | Automatic negative parking brake<br>Oil-immersed multi-discs braking on front & rea                               |
| Hydraulics  | axles   |
| Hydraulic pump type   | Variable displacement pump  |
| Hydraulic pump type<br>Hydraulic flow - Pressure                  | 170 l/min - 270 bar   |
|   |   |
| Flow sharing distributor  | Standard  |
| Tank capacities   |   |
| Hydraulic tank capacity   | 1351  |
| Fuel tank   | 120   |
| Diesel Exhaust fluid (AdBlue® type)                               | 101   |
| Noise and vibration   |   |
| Noise at driving position (LpA) tested following NF EN 12053 norm | 72 dB   |
| Vibration on hands/arms   | < 2.50 m/s <sup>2</sup>   |
| Miscellaneous   |   |
| Tractor homologation  | Tractor homologation  |
| Cab certification   | Cabin ROPS - FOPS level 2   |
| Controls  | JSM   |

# Optional tires tab

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

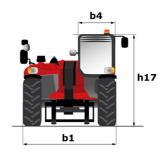
# **Options / Finishing**

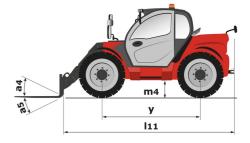
|   | Classic | Premium | Elite | Platinum |
|---|---------|---------|-------|----------|
| Lifting function  |         |         |       |          |
| Attachment hydraulic locking                                    | 0       | 0       | 0     | S        |
| Intelligent hydraulics  | 0       | 0       | S     | S        |
| Regenerative Hydraulics   | 0       | S       | S     | S        |
| Operator station  |         |         |       |          |
| Air suspension fabric seat - GRAMMER                            | 0       | S       | -     | -        |
| Automatic air conditioning                                      | 0       | S       | S     | S        |
| Automatic wheel alignment                                       | 0       | 0       | S     | S        |
| Bluetooth USB radio - With extra microphone - 100W              | 0       | 0       | S     | S        |
| Bluetooth USB radio - With integrated microphone - 100W         | 0       | S       | -     |          |
| Boom suspension - "Active CRC"                                  | 0       | 0       | S     | S        |
| Exterior right electric rear-view mirror with de-icing          | 0       | 0       | S     | S        |
| Extra front wiper   | 0       | S       | S     | S        |
| HighView camera on boom head (telescopic part)                  | 0       | 0       | 0     | S        |
| Lateral wiper   | S       | S       | S     | S        |
| Low frequency air suspension fabric seat - GRAMMER              | 0       | 0       | S     |          |
| Low frequency air suspension fabric seat with heating - GRAMMER | 0       | 0       | 0     | S        |
| Mechanical suspension fabric seat - GRAMMER                     | S       | -       | -     | -        |
| SafeView camera pack - Right hand side and rear (x2)            | 0       | 0       | 0     | S        |
| Storage box - On the shelf                                      | 0       | 0       | 0     | S        |
| Tuner car radio - 50W   | S       |         | -     |          |
| Vision screen - 7 in.   | S       | S       | S     | S        |
| Motorization/Power  |         |         |       |          |
| Auto reversing fan  | S       | S       | S     | S        |
| Continuous flow hydraulics                                      | 0       | 0       | S     | S        |
| Hand throttle   | S       | S       | S     | S        |
| Secondary functions   |         |         |       |          |
| Automatic greasing system (AGS) - Chassis + boom                | 0       | 0       | 0     | S        |
| Lighting  |         |         |       |          |
| LED+ side work lights (x4)                                      | 0       | 0       | 0     | S        |
| led front road lights   | 0       | 0       | 0     | S        |
| LED work lights - On the top of the boom (fixed part) (x2)      | 0       | 0       | 0     | S        |

#### S : Standard / O : Optional / - : Not available

## MLT 635-140 V+ (S2) - Dimensional drawing

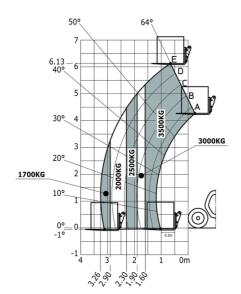






## MLT 635-140 V+ (S2) - Load chart

### Machine on tires with forks Metric





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