

Technical sheet :

# **MLT 635-140 V+ (S2)**

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| Capacities  |     | Metric   |
|---|-----|--|
| Max. capacity   | Q   | 3500 kg  |
| Max. lifting height   |     | 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 °  |
| Tilt-up angle   | a4  | 14 °   |
| External turning radius (over tyres)                              | Wa1 | 3.77 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   |     | 7 s  |
| 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>   |
| Engine power (Hp / kW)  |     | 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 + intercooler + hydraulic oil + hydraulic oil for 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   |     | 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  |     | 120 l  |
| Diesel Exhaust fluid (AdBlue® type)                               |     | 10 l   |
| 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

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

|   | Classic | Premium | Elite | Platinum |
|---|---------|---------|-------|----------|
| <b>Lifting function</b>                                   |         |         |       |          |
| Attachment hydraulic locking                              | 0       | 0       | 0     | S        |
| Intelligent hydraulics                                    | 0       | 0       | S     | S        |
| Regenerative Hydraulics                                   | 0       | S       | S     | S        |
| <b>Operator station</b>                                   |         |         |       |          |
| Additional front wiper - Without washer                   | 0       | S       | S     | S        |
| Air suspension fabric seat - GRAMMER                      | 0       | 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 defroster   | 0       | 0       | S     | S        |
| Heater and automatic air conditioning                     | 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 heated fabric seat - GRAMMER | 0       | 0       | 0     | S        |
| Mechanical suspension fabric seat - GRAMMER               | S       | -       | -     | -        |
| Right hand side and rear SafeView cameras                 | 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        |
| <b>Motorization/Power</b>                                 |         |         |       |          |
| Auto reversing fan  | S       | S       | S     | S        |
| Continuous flow hydraulics                                | 0       | 0       | S     | S        |
| Hand throttle   | S       | S       | S     | S        |
| <b>Secondary functions</b>                                |         |         |       |          |
| Automatic greasing system (AGS) - Chassis + boom          | 0       | 0       | 0     | S        |
| <b>Lighting</b>   |         |         |       |          |
| LED front road lights                                     | 0       | 0       | 0     | S        |
| LED side work lights                                      | 0       | 0       | 0     | S        |
| LED work lights - On boom head (Telescopic part)          | 0       | 0       | 0     | S        |

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



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

Machine on tires with forks Metric





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