

Technical sheet :

# **MLT 937-115 (S1)**



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| Capacities  |     | Metric   |
|---|-----|--|
| Max. capacity   | Q   | 3700 kg  |
| Max. lifting height   |     | 9.10 m   |
| Maximum outreach  |     | 6.55 m   |
| Reach at max. height  |     | 2.20 m   |
| Breakout force with bucket  |     | 4472 daN   |
| Weight and dimensions   |     |  |
| Unladen weight (with forks)                                       |     | 8235 kg  |
| Ground clearance  | m4  | 0.44 m   |
| Wheelbase   | y   | 2.81 m   |
| Overall length to carriage (with hitch)                           | l11 | 5.12 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   |     | 7.75 s   |
| Lowering  |     | 7.43 s   |
| Extension   |     | 10.91 s  |
| Retraction  |     | 9.63 s   |
| Crowd   |     | 3.68 s   |
| Dump  |     | 3.12 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)  |     | 116 Hp / 85 kW   |
| Max. torque / Engine rotation                                     |     | 460 Nm @1600 rpm   |
| Drawbar pull (Laden)  |     | 8400 daN   |
| Reversible fan  |     | Option   |
| Engine cooling system   |     | 4 radiators (water + intercooler + hydraulic oil + transmission oil) |
| 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)  |     | 33 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   |     | 150 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 |     | 75 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 |
|--|----------------|---------------|
| 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        |

## Options / Finishing

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

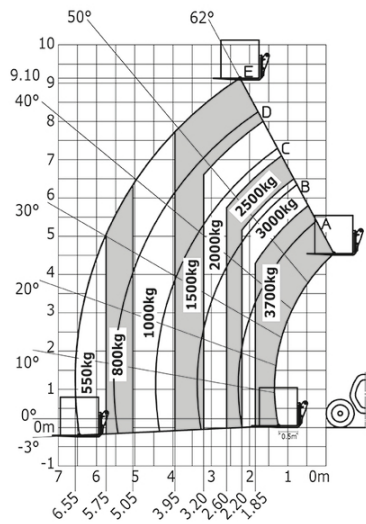
|   | Classic | Premium |
|---|---------|---------|
| <b>Lifting function</b>                                   |         |         |
| Attachment hydraulic locking                              | O       | O       |
| <b>Operator station</b>                                   |         |         |
| Additional front wiper - Without washer                   | O       | S       |
| Air suspension fabric seat - GRAMMER                      | O       | S       |
| Bluetooth USB radio - With extra microphone - 100W        | O       | O       |
| Bluetooth USB radio - With integrated microphone - 100W   | O       | S       |
| Boom suspension "Active CRC"                              | O       | O       |
| Enclosed cab + Heater and automatic air conditioning      | O       | S       |
| Hamony screen - 5 in.                                     | S       | S       |
| Lateral wiper   | O       | O       |
| Low frequency air suspension fabric seat - GRAMMER        | O       | O       |
| Low frequency air suspension heated fabric seat - GRAMMER | O       | O       |
| Mechanical suspension fabric seat - GRAMMER               | S       | -       |
| Storage box - On the shelf                                | O       | O       |
| Tuner car radio - 50W                                     | S       | -       |
| <b>Motorization/Power</b>                                 |         |         |
| Auto reversing fan  | O       | O       |
| Continuous flow hydraulics                                | O       | O       |
| <b>Secondary functions</b>                                |         |         |
| Automatic greasing system (AGS) - Chassis + boom          | O       | O       |
| <b>Lighting</b>   |         |         |
| LED front road lights                                     | O       | O       |
| LED work lights - On boom head (Telescopic part)          | O       | O       |

## MLT 937-115 (S1) - Dimensional drawing



# MLT 937-115 (S1) - Load chart

Machine on tires with forks Metric



Machine on tires with forks LC 600 mm Metric





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