Technical sheet :

# MLT 737-130 PS+





#### MLT 737-130 PS+ Created on May 3, 2024 at 10:59:02 AM UTC

|                                                                   | MLT 737-130 PS+ Created on May 3, 2024 at 10:59:02 | 2 AM U     |
|-------------------------------------------------------------------|----------------------------------------------------|------------|
| Capacities                                                        | Metric                                             |            |
| Max. capacity                                                     | Q 3700 kg                                          |            |
| Max. lifting height                                               | h3 6.90 m                                          |            |
| Max. outreach                                                     | 3.90 m                                             |            |
| Reach at max. height                                              | 1 m                                                |            |
| Breakout force with bucket                                        | 6236 daN                                           |            |
| Veight and dimensions                                             |                                                    |            |
| Jnladen weight (with forks)                                       | 7650 kg                                            |            |
| Ground clearance                                                  | m4 0.41 m                                          |            |
| Wheelbase                                                         | y 2.81 m                                           |            |
| Dverall length to carriage (with hitch)                           | l11 4.97 m                                         |            |
| Dverall length to carriage (without hitch)                        | l3 4.80 m                                          |            |
| Front overhang                                                    | 1.21 m                                             |            |
| -                                                                 |                                                    |            |
| Overall width                                                     | b1 2.39 m                                          |            |
| Overall cab width                                                 | b4 0.95 m                                          |            |
| Overall height                                                    | h17 2.38 m                                         |            |
| Tilt-down angle                                                   | a5 134 °                                           |            |
| Tilt-up angle                                                     | a4 12 °                                            |            |
| External turning radius (over tyres)                              | Wa1 3.93 m                                         |            |
| Standard tires                                                    | Alliance - A580 - 460/70 R24 159                   | A8         |
| Drive wheels (front / rear)                                       | 2/2                                                |            |
| Steering wheels (front / rear)                                    | 2/2                                                |            |
| Performances                                                      |                                                    |            |
| Lifting                                                           | 6.80 s                                             |            |
| Lowering                                                          | 7.10 s                                             |            |
| Extension                                                         | 5.80 s                                             |            |
| Retraction                                                        | 5.20 s                                             |            |
| Crowd                                                             | 3.20 s                                             |            |
| Dump                                                              | 2.80 s                                             |            |
| Engine                                                            |                                                    |            |
| Engine brand                                                      | Deutz                                              |            |
| Engine norm                                                       | Stage V                                            |            |
| Engine model                                                      | TCD 3.6 L4                                         |            |
| Number of cylinders - Capacity of cylinders                       | 4 - 3621 cm³                                       |            |
| I.C. Engine power rating / Power                                  | 129 Hp / 95 kW                                     |            |
| Max. torque / Engine rotation                                     | 500 Nm @1600 rpm                                   |            |
| Drawbar pull (Laden)                                              | 7800 daN                                           |            |
| Reversible fan                                                    | Standard                                           |            |
|                                                                   | 4 radiators (water + intercooler + hydrau          | ulic oil + |
| Engine cooling system                                             | transmission oil)                                  | ine on .   |
| HVO validated (according to EN 15940 standard)                    | Yes                                                |            |
| Transmission                                                      |                                                    |            |
| Transmission type                                                 | Torque converter                                   |            |
| Gearbox                                                           | Powershift                                         |            |
| Number of gears (forward / reverse)                               | 6 / 3                                              |            |
| Max. travel speed (may vary according to applicable regulations)  | 40 km/h                                            |            |
| Differential lock                                                 | Limited slip differential on front a               | ixle       |
| Parking brake                                                     | Automatic negative parking brak                    | (e         |
|                                                                   | Oil-immersed multi-discs braking on fro            |            |
| Service brake                                                     | axles                                              |            |
| Hydraulics                                                        |                                                    |            |
| Hydraulic pump type                                               | Variable displacement pump                         |            |
| Hydraulic flow - Pressure                                         | 150 l/min - 270 bar                                |            |
| Flow sharing distributor                                          | Standard                                           |            |
| Tank capacities                                                   |                                                    |            |
| Hydraulic oil                                                     | 135                                                |            |
| Fuel tank                                                         | 120 l                                              |            |
| Diesel Exhaust fluid (AdBlue® type)                               | 10                                                 |            |
| Noise and vibration                                               |                                                    |            |
| Noise at driving position (LpA) tested following NF EN 12053 norm | 72 dB                                              |            |
| Noise to environment (LwA)                                        | 105 dB                                             |            |
|                                                                   | < 2.50 m/s <sup>2</sup>                            |            |
|                                                                   |                                                    |            |
| Vibration to whole hand/arm                                       |                                                    |            |
| Vibration to whole hand/arm<br>Miscellaneous                      |                                                    |            |
|                                                                   | Tractor homologation<br>ROPS - FOPS level 2 cab    |            |

## Optional tires tab

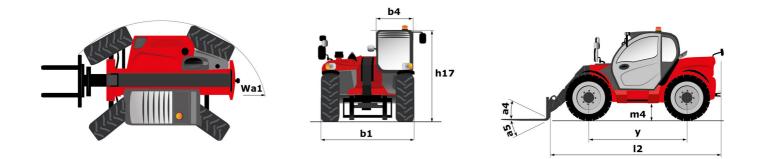
| Iptional tires                          | Overall height | Overall width |
|-----------------------------------------|----------------|---------------|
| IRESTONE - R8000 UT - 460/70 R24 159A8  | 2.39 m         | 2.42 m        |
| RELLEBORG - TH400 - 460/70 R24 159A8    | 2.37 m         | 2.40 m        |
| RELLEBORG - TH400 - 500/70 R24 164A8    | 2.39 m         | 2.42 m        |
| 1ICHELIN - XMCL - 500/70 R24 164A8      | 2.39 m         | 2.43 m        |
| 11CHELIN - BIBLOAD - 460/70 R24 159A8   | 2.37 m         | 2.40 m        |
| 11CHELIN - BIBLOAD - 500/70 R24 164A8   | 2.39 m         | 2.43 m        |
| 1ICHELIN - XHA - 15.5 R25 158A2         | 2.37 m         | 2.40 m        |
| IOKIAN - TRI STEEL - 460/65 R24 156A8   | 2.36 m         | 2.40 m        |
| 1ICHELIN - XMCL - 460/70 R24 159A8      | 2.37 m         | 2.40 m        |
| REDESTEIN - ENDURION - 460/70 R24 159A8 | 2.38 m         | 2.41 m        |
| REDESTEIN - ENDURION - 500/70 R24 164A8 | 2.41 m         | 2.44 m        |
| RELLEBORG - TH500 - 460/70 R24 159A8    | 2.37 m         | 2.40 m        |
| LLIANCE - A585 - 460/70 R24 159A8       | 2.37 m         | 2.40 m        |

### **Options / Finishing**

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

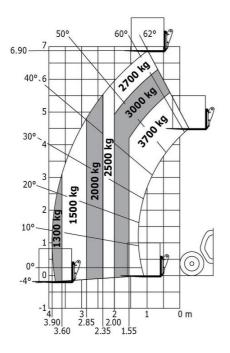
|                                                                        | Classic | Premium | Elite |
|------------------------------------------------------------------------|---------|---------|-------|
| Lifting function                                                       |         |         |       |
| Attachment hydraulic locking                                           | 0       | 0       | 0     |
| Intelligent hydraulics                                                 | 0       | 0       | 0     |
| Regenerative Hydraulics                                                | 0       | 0       | 0     |
| Operator station                                                       |         |         |       |
| "Active CRC" boom suspension                                           | 0       | 0       | S     |
| Air conditioning with automatic adjustment                             | 0       | 0       | S     |
| Air suspension cloth-covered seat (GRAMMER)                            | 0       | S       | -     |
| Automatic wheel alignment                                              | 0       | 0       | S     |
| Bluetooth USB car radio with extra microphone (100 W)                  | 0       | 0       | S     |
| Bluetooth USB car radio with integrated microphone (100 W)             | 0       | S       |       |
| Electric mirror with de-icing                                          | 0       | 0       | S     |
| Extra front wiper                                                      | 0       | S       | S     |
| Harmony screen                                                         | S       | S       | -     |
| HighView camera                                                        | 0       | 0       | 0     |
| Low frequency air suspension cloth-covered seat (GRAMMER)              | 0       | 0       | S     |
| Low frequency air suspension cloth-covered seat with heating (GRAMMER) | 0       | 0       | 0     |
| Manual air conditioning                                                | 0       | S       | -     |
| Mechanical cloth-covered seat (GRAMMER)                                | S       | -       | -     |
| SafeView camera pack (x2)                                              | 0       | 0       | 0     |
| Storage box behind the seat                                            | 0       | 0       | 0     |
| Tuner car radio (50 W)                                                 | S       |         |       |
| Vision screen 7"                                                       | 0       | 0       | S     |
| Motorization/Power                                                     |         |         |       |
| Continuous flow hydraulics                                             | 0       | 0       | S     |
| Hand throttle                                                          | 0       | 0       | S     |
| Secondary functions                                                    |         |         |       |
| Automatic Greasing System (AGS) - chassis                              | 0       | 0       | 0     |
| Lighting                                                               |         |         |       |
| LED+ (4 extra work lights)                                             | 0       | 0       | 0     |
| LED front road lights (x2)                                             | 0       | 0       | 0     |
| LED front work lights on cab (x2)                                      | 0       | S       | S     |
| LED rear work lights on cab (x2)                                       | 0       | S       | S     |
| LED work lights on the boom (x2)                                       | 0       | 0       | 0     |
| Work lights on cab (x4)                                                | S       | -       | -     |

#### MLT 737-130 PS+ - Dimensional drawing



MLT 737-130 PS+ - Load chart

Machine on tyres with forks Metric





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