

Technical sheet :

# **MLT 738-130 PS+ (S1)**

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| Capacities  |     | Metric   |
|---|-----|--|
| Max. capacity   | Q   | 3800 kg  |
| Max. lifting height   | h3  | 6.91 m   |
| Maximum outreach  |     | 3.98 m   |
| Reach at max. height  |     | 1 m  |
| Breakout force with bucket  |     | 6095 daN   |
| Weight and dimensions   |     |  |
| Unladen weight (with forks)                                       |     | 7510 kg  |
| Ground clearance  | m4  | 0.41 m   |
| Wheelbase   | y   | 2.81 m   |
| Overall length to carriage (with hitch)                           | l11 | 5.03 m   |
| Front overhang  |     | 1.27 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 wheels (front / rear)                                    |     | 2 / 2  |
| Performances  |     |  |
| Lifting   |     | 7.30 s   |
| Lowering  |     | 5.50 s   |
| Extension   |     | 6.30 s   |
| Retraction  |     | 5.70 s   |
| Crowd   |     | 3.60 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 cm³   |
| I.C. Engine power rating / Power                                  |     | 129 Hp / 95 kW   |
| Max. torque / Engine rotation                                     |     | 500 Nm @1600 rpm   |
| Drawbar pull (Laden)  |     | 8000 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   |     | 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 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 tank   |     | 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/s²  |
| Miscellaneous   |     |  |
| Tractor homologation  |     | Tractor homologation   |
| Cab certification   |     | Cabin ROPS - FOPS level 2  |
| Controls  |     | JSM  |

Optional tires tab

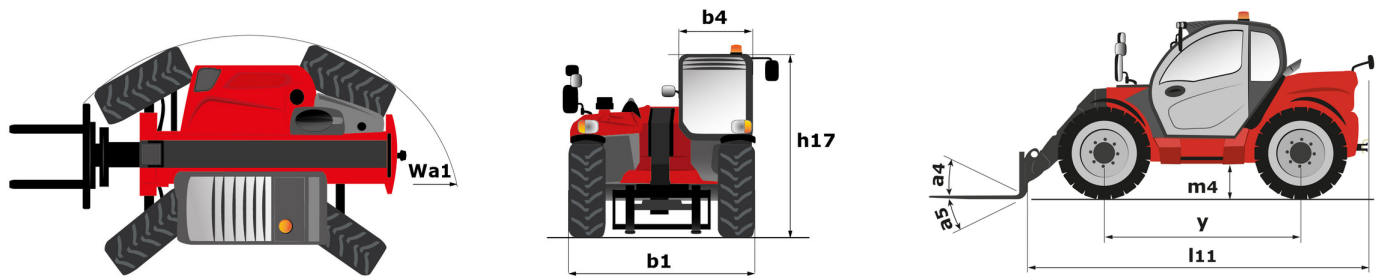
|  | Overall height | Overall width |
|--|----------------|---------------|
| ALLIANCE - A585 - 460/70 R24 159A8       | 2.37 m         | 2.40 m        |
| NOKIAN - TRI STEEL - 460/65 R24 156A8    | 2.36 m         | 2.40 m        |
| MICHELIN - BIBLOAD - 460/70 R24 159A8    | 2.37 m         | 2.40 m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

Options / Finishing

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

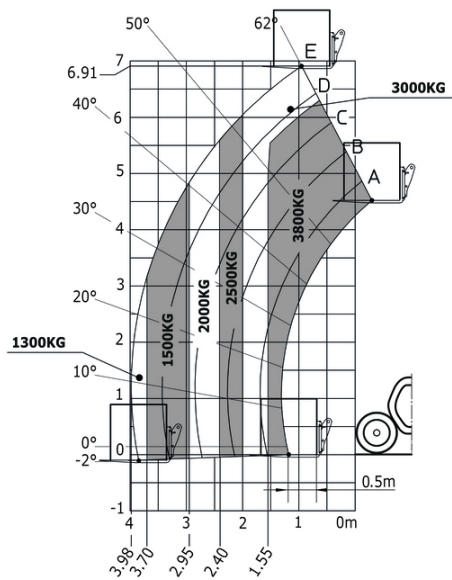
|   | Classic | Premium | Elite | Platinum |
|---|---------|---------|-------|----------|
| Lifting function  |         |         |       |          |
| Attachment hydraulic locking                                    | O       | O       | O     | S        |
| Intelligent hydraulics  | O       | O   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

## MLT 738-130 PS+ (S1) - Dimensional drawing



## MLT 738-130 PS+ (S1) - Load chart

Machine on tires with forks Metric





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