Technical sheet:

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





|   | MLT-X 738-130 PS+ (S1) Created on September 1, 2025 at    | 9:22 AM I      |
|---|---|----------------|
| 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  |                |
| Neight and dimensions   |   |                |
| Inladen weight (with forks)                                       | 7470 kg   |                |
| Ground clearance  | m4 0.41 m   |                |
| Vheelbase   | y 2.81 m  |                |
| Overall length to carriage (with hitch)                           | I11 5.03 m  |                |
| ront overhang   | 1.27 m  |                |
| Overall width   | b1 2.39 m   |                |
| Overall cab width   | b4 0.95 m   |                |
| Overall height  | h17 2.38 m  |                |
| Filt-down angle   | a5 133 °  |                |
| Filt-up angle   | a4 14°  |                |
| External turning radius (over tyres)                              | Wa1 3.93 m  |                |
| Standard tires  | Alliance - A580 - 460/70 R24                              | Ι 159Δ8        |
| Orive wheels (front / rear)                                       | 2/2   | 103710         |
| Steering wheels (front / rear)                                    | 2/2   |                |
| Performances  |   |                |
| ifting  | 7.30 s  |                |
| owering   | 5.50 s  |                |
| Extension   | 6.30 s  |                |
| Retraction  | 5.70 s  |                |
| Crowd   | 3.60 s  |                |
| Dump  | 3.00 s  |                |
| Engine  | 3.10 \$   |                |
| Engine brand  | Deutz   |                |
| Engine norm   | Stage IIIA  |                |
| Engine model  | TCD 3,6 L4 f  |                |
| Number of cylinders - Capacity of cylinders                       | 4 - 3621 cm <sup>3</sup>                                  |                |
| .C. Engine power rating / Power                                   | 129 Hp / 95 kW  |                |
| Max. torque / Engine rotation                                     | 500 Nm @1600 rpm  |                |
| Orawbar pull (Laden)  | 8000 daN  |                |
| Reversible fan  | Standard  |                |
| Reversible (all   |   | udraulia ail   |
| Engine cooling system   | 4 radiators (water + intercooler + h<br>transmission oil) | yulaulic oli 1 |
| HVO validated (according to EN 15940 standard)                    | Yes   |                |
| Fransmission  |   |                |
| Fransmission 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 fr                           | ont axle       |
| Parking brake   | Automatic negative parking                                |                |
| •   | Oil-immersed multi-discs braking o                        |                |
| Service brake   | axles   |                |
| -lydraulics   |   |                |
| Hydraulic pump type   | Variable displacement po                                  | ımp            |
| lydraulic flow - Pressure   | 150 l/min - 270 bar                                       |                |
| Flow sharing distributor  | Standard  |                |
| ank capacities  |   |                |
| lydraulic tank capacity   | 135   |                |
| Fuel tank   | 120 l   |                |
| loise and vibration   |   |                |
| Noise at driving position (LpA) tested following NF EN 12053 norm | 75 dB   |                |
| /ibration on hands/arms   | < 2.50 m/s²   |                |
| Miscellaneous   |   |                |
| Cab certification   | Cabin ROPS - FOPS leve                                    | 12             |
| 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 - XHA - 15.5 R25 158A2          | 2.37 m         | 2.40 m        |
| MICHELIN - XMCL - 460/70 R24 159A8       | 2.37 m         | 2.40 m        |
| MICHELIN - XMCL - 500/70 R24 164A8       | 2.39 m         | 2.43 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        |
| TRELLEBORG - TH400 - 500/70 R24 164A8    | 2.39 m         | 2.42 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        |

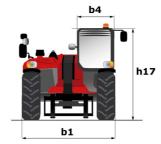
## Options / Finishing

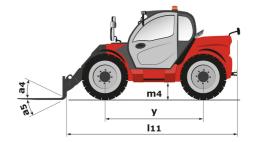
S: Standard / O: Optional / -: Not available

|   | Classic | Premium | Elite | Platinum |
|---|---------|---------|-------|----------|
| Lifting function  |         |         |       |          |
| Attachment hydraulic locking                                    | 0       | 0       | 0     | S        |
| Intelligent hydraulics  | 0       | 0       | 0     | S        |
| Regenerative Hydraulics   | 0       | 0       | 0     | 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   | 0       | 0       | 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        |

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

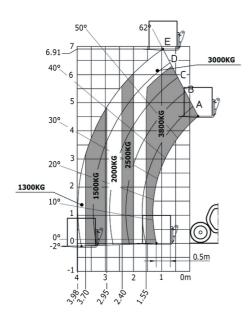






### MLT-X 738-130 PS+ (S1) - Load chart

#### Machine on tires with forks Metric







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