

Technical sheet :

# **MLT-X 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)                                       |     | 7470 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 mode                                                     |     | Manicrab, 2 wheel steer, 4 wheel steer, Crab mode                    |
| 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 IIIA                                                           |
| Engine model                                                      |     | TCD 3,6 L4 f                                                         |
| Number of cylinders - Capacity of cylinders                       |     | 4 - 3621 cm³                                                         |
| Engine power (Hp / kW)                                            |     | 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                                                              |     | 120 l                                                                |
| Noise and vibration                                               |     |                                                                      |
| Noise at driving position (LpA) tested following NF EN 12053 norm |     | 75 dB                                                                |
| Vibration on hands/arms                                           |     | 2.50 m/s²                                                            |
| Miscellaneous                                                     |     |                                                                      |
| Cab certification                                                 |     | Cabin ROPS - FOPS level 2                                            |
| Controls                                                          |     | JSM                                                                  |

## Optional tires tab

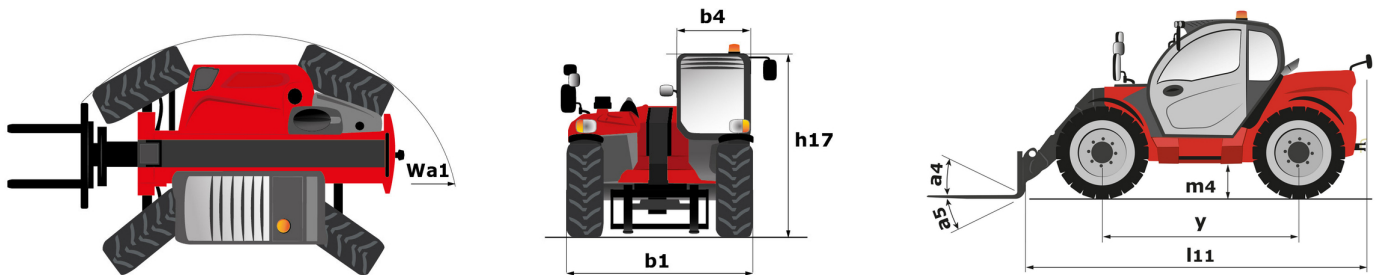
|                                          | Overall height | Overall width |
|------------------------------------------|----------------|---------------|
| ALLIANCE - A585 - 460/70 R24 159A8       | 2.37 m         | 2.40 m        |
| NOKIAN - TRI STEEL - 460/65 R24 156A8    | 2.36 m         | 2.40 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 - 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

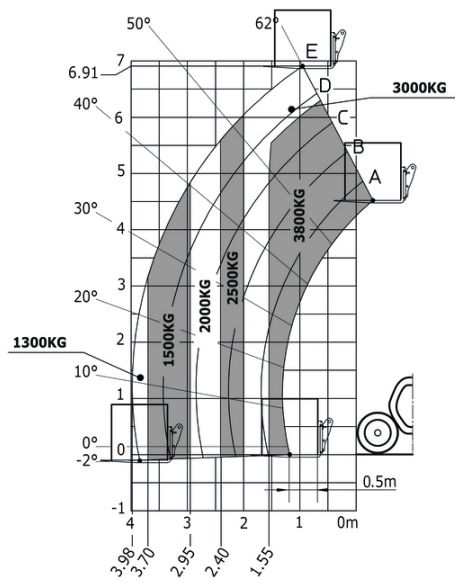
|                                                                 | Classic | Premium | Elite | Platinum |
|-----------------------------------------------------------------|---------|---------|-------|----------|
| <b>Lifting function</b>                                         |         |         |       |          |
| Attachment hydraulic locking                                    | O       | O       | O     | S        |
| Intelligent hydraulics                                          | O       | O       | O     | S        |
| Regenerative Hydraulics                                         | O       | O       | O     | S        |
| <b>Operator station</b>                                         |         |         |       |          |
| 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        |
| <b>Motorization/Power</b>                                       |         |         |       |          |
| Auto reversing fan                                              | S       | S       | S     | S        |
| Continuous flow hydraulics                                      | O       | O       | S     | S        |
| Hand throttle                                                   | O       | O       | S     | S        |
| <b>Secondary functions</b>                                      |         |         |       |          |
| Automatic greasing system (AGS) - Chassis + boom                | O       | O       | O     | S        |
| <b>Lighting</b>                                                 |         |         |       |          |
| 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-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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