

Technical sheet :

# **MLT-X 735 T LSU**

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| Capacities   |     | Metric  |
|--|-----|---|
| Max. capacity  | Q   | 3500 kg   |
| Max. lifting height  |     | 6.90 m  |
| Maximum outreach   |     | 3.90 m  |
| Reach at max. height   |     | 1 m   |
| Breakout force with bucket                                       |     | 6825 daN  |
| Weight and dimensions  |     |   |
| Unladen weight (with forks)                                      |     | 7075 kg   |
| Ground clearance   | m4  | 0.44 m  |
| Wheelbase  | y   | 2.81 m  |
| Overall length to carriage (with hitch)                          | l11 | 4.79 m  |
| Overall length to carriage (without hitch)                       | l3  | 4.76 m  |
| Front overhang   |     | 1.19 m  |
| Overall width  | b1  | 2.40 m  |
| Overall cab width  | b4  | 0.98 m  |
| Overall height   | h17 | 2.30 m  |
| Tilt-down angle  | a5  | 134 °   |
| Tilt-up angle  | a4  | 13 °  |
| External turning radius (over tyres)                             | Wa1 | 3.86 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   |     | 5.60 s  |
| Extension  |     | 8.20 s  |
| Retraction   |     | 6.60 s  |
| Crowd  |     | 3.20 s  |
| Dump   |     | 2.70 s  |
| Engine   |     |   |
| Engine brand   |     | Perkins   |
| Engine nom   |     | Stage IIIA  |
| Max. fuel sulphur content  |     | 5000 ppm  |
| Engine model   |     | 1104D-44 TA                                       |
| Number of cylinders - Capacity of cylinders                      |     | 4 - 4400 cm³                                      |
| Engine power (Hp / kW)   |     | 101 Hp / 74.50 kW                                 |
| Max. torque / Engine rotation                                    |     | 410 Nm @1400 rpm                                  |
| Drawbar pull (Laden)   |     | 8200 daN  |
| Reversible fan   |     | Standard  |
| Transmission   |     |   |
| Transmission type  |     | Torque converter                                  |
| Gearbox  |     | Powershuttle                                      |
| Number of gears (forward / reverse)                              |     | 4 / 4   |
| Max. travel speed (may vary according to applicable regulations) |     | 35 km/h   |
| Differential lock  |     | Limited slip differential on front axle           |
| Parking brake  |     | Manual  |
| Service brake  |     | Oil-immersed multi-discs on front & rear axles    |
| Hydraulics   |     |   |
| Hydraulic pump type  |     | Variable displacement pump                        |
| Hydraulic flow - Pressure  |     | 108 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 nom |     | 76 dB   |
| Noise to environment (LWA)                                       |     | 104 dB  |
| Vibration on hands/arms  |     | < 2.50 m/s²                                       |
| Miscellaneous  |     |   |
| Tractor homologation   |     |   |
| Controls   |     | JSM   |

## Optional tires tab

|                                       | Overall height | Overall width |
|---------------------------------------|----------------|---------------|
| ALLIANCE - A570 - 17,5 LR24           | -              | -             |
| NOKIAN - TRI STEEL - 460/65 R24 156A8 | 2.27 m         | 2.38 m        |
| MICHELIN - XHA - 15.5 R25 158A2       | 2.28 m         | 2.38 m        |

## Options / Finishing

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

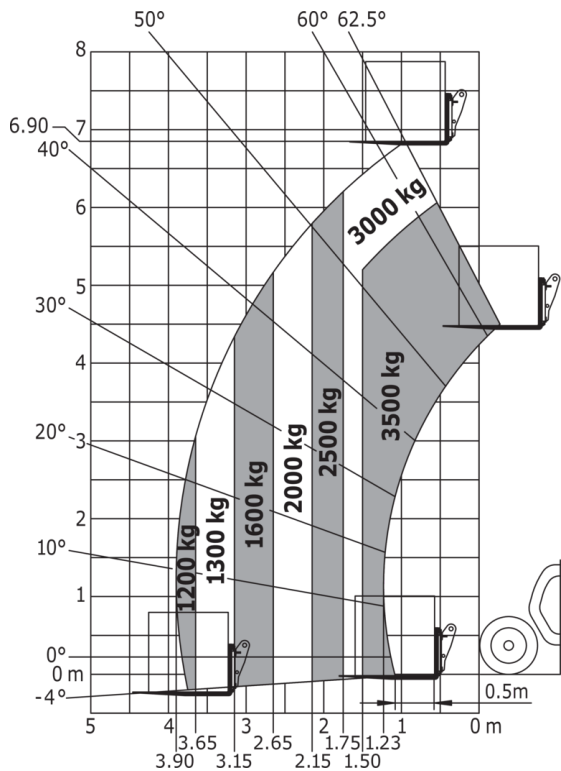
|   | Classic | Premium | Elite |
|---|---------|---------|-------|
| <b>Lifting function</b>                                     |         |         |       |
| Boom suspension "Active CRC"                                | 0       | 0       | S     |
| Continuous flow hydraulics                                  | 0       | 0       | 0     |
| Electric supply - 12V - On the top of the boom (Fixed part) | 0       | 0       | 0     |
| Hydraulic attachment locking                                | 0       | 0       | 0     |
| Return pipe to hydraulic oil tank                           | 0       | 0       | 0     |
| <b>Operator station</b>                                     |         |         |       |
| Air conditioning with manual adjustment                     | 0       | S       | S     |
| Air suspension cloth-covered seat                           | 0       | S       | -     |
| Bluetooth CD MP3 radio                                      | 0       | 0       | S     |
| CD MP3 car radio  | 0       | S       | -     |
| Cyclonic air pre-filter                                     | S       | S       | 0     |
| Low frequency air suspension cloth seat with heating        | 0       | 0       | S     |
| Mechanical cloth-covered seat                               | S       | -       | -     |
| Tuner car radio - 50W                                       | S       | -       | -     |
| <b>Motorization/Power</b>                                   |         |         |       |
| Attachment hydraulic flow control system                    | 0       | 0       | 0     |
| Continuous flow hydraulics                                  | 0       | 0       | 0     |
| Self-cleaning air pre-filter                                | 0       | 0       | S     |
| <b>Secondary functions</b>                                  |         |         |       |
| 1 pair of pre-fitted double action rear hydraulic couplers  | 0       | 0       | 0     |
| Automatic rotating towing hitch on counterweight            | 0       | 0       | 0     |
| Manual rotating towing hitch                                | S       | S       | S     |
| <b>Lighting</b>   |         |         |       |
| LED front work lights + LED rear work lights                | 0       | 0       | 0     |
| Work lights on boom head (x2)                               | 0       | 0       | 0     |
| <b>Security</b>   |         |         |       |
| Audio warning on reverse                                    | 0       | 0       | 0     |

## MLT-X 735 T LSU - Dimensional drawing

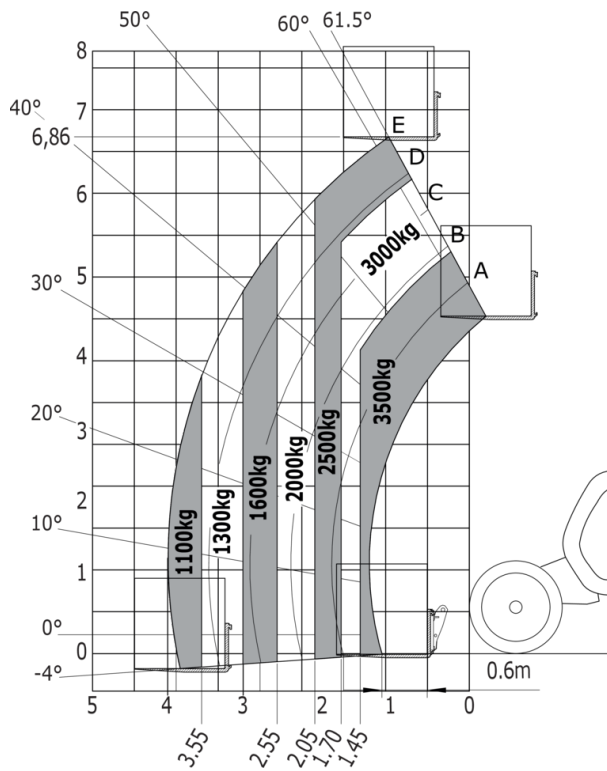


MLT-X 735 T LSU - Load chart

Machine on tires with forks Metric



Machine on tires with forks LC 600 mm Metric



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