Technical sheet:

# MLT-X 850-145 V+



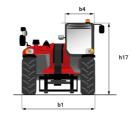
|  | MLT-X 850-145 V+ | Created on August 1, 2025 at 6:12 PM UT            |
|--|------------------|--|
| Capacities   |                  | Metric   |
| Max. capacity  | Q                | 4999 kg  |
| Max. lifting height  | h3               | 7.60 m   |
| Maximum outreach   |                  | 4.55 m   |
| Reach at max. height   |                  | 4.55 m   |
| Breakout force with bucket                                       |                  | 8670 daN   |
| Weight and dimensions  |                  |  |
| Unladen weight (with forks)                                      |                  | 10780 kg   |
| Ground clearance   | m4               | 0.45 m   |
| Wheelbase  | у                | 2.94 mm  |
| Overall length to carriage (with hitch)                          | ,<br>I11         | 5.57 m   |
| Overall length to carriage (without hitch)                       | 13               | 5.54 m   |
| Front overhang   | .0               | 1.55 mm  |
| Overall width  | b1               | 2.49 m   |
| Overall cab width  | b4               | 0.99 m   |
|  | h17              |  |
| Overall height   |                  | 2.58 m   |
| Tilt-down angle  | a5               | 132 °  |
| Tilt-up angle  | a4               | 12 °   |
| External turning radius (over tyres)                             | Wa1              | 4.04 m   |
| Standard tires   |                  | Alliance - A580 - 500/70 R24 164A8                 |
| Drive wheels (front / rear)                                      |                  | 2 / 2  |
| Steering wheels (front / rear)                                   |                  | 2 / 2  |
| Performances   |                  |  |
| Lifting  |                  | 6.60 s   |
| Lowering   |                  | 4.90 s   |
| Extension  |                  | 6.30 s   |
| Retraction   |                  | 6.30 s   |
| Crowd  |                  | 4.20 s   |
| Dump   |                  | 3.10 s   |
| Engine   |                  |  |
| Engine brand   |                  | Yanmar   |
| Engine norm  |                  | Stage IIIA   |
| Engine model   |                  | 4TN107HT-5SMUF                                     |
| Number of cylinders - Capacity of cylinders                      |                  | 4 - 4567 cm³                                       |
| I.C. Engine power rating / Power                                 |                  | 141 Hp / 105 kW                                    |
| Max. torque / Engine rotation                                    |                  | 602 Nm @1500 rpm                                   |
| Drawbar pull (Laden)   |                  | 9160 daN   |
| Reversible fan   |                  | Standard   |
| Engine cooling system  |                  | 3 radiators water + intercooler + transmission oil |
| Transmission   |                  |  |
| Transmission type  |                  | Continuously variable transmission                 |
| Gearbox  |                  | M-Vario Plus                                       |
| Max. travel speed (may vary according to applicable regulations) |                  | 40 km/h  |
| Differential lock  |                  | Limited slip differential on front and rear axles  |
| Parking brake  |                  | Automatic negative parking brake                   |
|  |                  | Oil-immersed multi-discs braking on front & rear   |
| Service brake  |                  | axles  |
| Hydraulics   |                  |  |
| Hydraulic pump type  |                  | Variable displacement pump                         |
| Hydraulic flow - Pressure  |                  | 200 l/min - 270 bar                                |
| Flow sharing distributor   |                  | Standard   |
| Tank capacities  |                  |  |
| Hydraulic tank capacity  |                  | 141 l  |
| Fuel tank  |                  | 142 I  |
| Noise and vibration  |                  |  |
| Noise to environment (LwA)                                       |                  | 105 dB   |
| Vibration on hands/arms  |                  | < 2.50 m/s²  |
| Miscellaneous  |                  | ~ 2.00 III/3                                       |
|  |                  | Tractor homologation                               |
| Tractor homologation Cab cortification                           |                  | Tractor homologation                               |
| Cab certification  |                  | Cabin ROPS - FOPS level 2                          |
| Controls   |                  | JSM  |

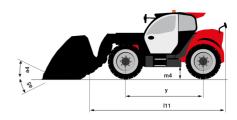
## Optional tires tab

|  | Overall height | Overall width |
|--|----------------|---------------|
| ALLIANCE - A585 - 500/70 R24 164A8       | -              | -             |
| MICHELIN - BIBLOAD - 500/70 R24 164A8    |                | -             |
| MICHELIN - XHA - 17.5 R25                |                | -             |
| MICHELIN - XMCL - 500/70 R24 164A8       |                | -             |
| NOKIAN - TRI STEEL - 500/70 R24 164A8    |                | -             |
| SOLIDEAL - SOLIDAIR TLH - 14.00 R24      |                | -             |
| TRELLEBORG - TH400 - 500/70 R24 164A8    | -              | -             |
| VREDESTEIN - TRAXION - 500/70 R24 164A8  |                | -             |
| VREDESTEIN - ENDURION - 500/70 R24 164A8 |                |               |

### MLT-X 850-145 V+ - Dimensional drawing

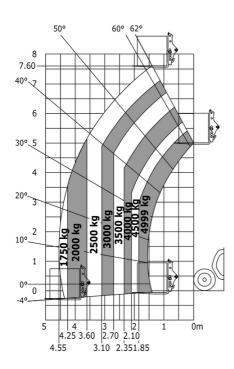






#### MLT-X 850-145 V+ - Load chart

#### Machine on tires with forks Metric







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