Technical sheet:

MLT-X 841 - 145 PS+

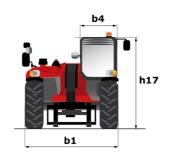


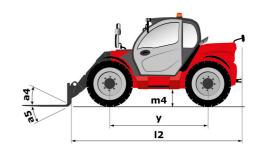


| | MLT-X 841 - 145 PS+ Created on April 19, 2024 at 8:42:31 AM (|
|---|--|
| Capacities | Metric |
| Max. capacity | Q 4100 kg |
| Max. lifting height | h3 7.60 m |
| Max. outreach | 4.45 m |
| Reach at max. height | 0.90 m |
| Breakout force with bucket | 5268 daN |
| Weight and dimensions | |
| Unladen weight (with forks) | 9160 kg |
| Ground clearance | m4 0.43 m |
| Wheelbase | y 2.88 m |
| Overall length to carriage (with hitch) | I11 5.40 m |
| Overall length to carriage (without hitch) | l3 5.23 m |
| Front overhang | 1.50 m |
| Overall width | b1 2.39 m |
| Overall cab width | b4 0.99 m |
| Overall height | h17 2.42 m |
| Tilt-down angle | a5 135° |
| Tilt-up angle | a4 12 ° |
| External turning radius (over tyres) | Wa1 3.74 m |
| Standard tires | Michelin - XMCL - 460/70 R24 159A8 |
| Drive wheels (front / rear) | 2/2 |
| Steering wheels (front / rear) | 2/2 |
| Performances | |
| Lifting | 6.40 s |
| Lowering | 4.60 s |
| Extension | 6.10 s |
| Retraction | 5.20 s |
| Crowd | 3.203 |
| Dump | 2.20 s |
| Engine | 2.20 \$ |
| Engine brand | Yanmar |
| Engine pranti | |
| - | Stage IIIA |
| Max. fuel sulphur content | 1000 ppm |
| 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) | 8727 daN |
| Reversible fan | Standard |
| Engine cooling system | 4 radiators (water + intercooler + hydraulic oil + transmission oil) |
| Transmission | |
| Transmission type | Torque converter with powershift gearbox |
| Gearbox | M-Shift |
| Number of gears (forward / reverse) | 5 / 3 |
| 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 |
| Service brake | Oil-immersed multi-discs braking on front & rea axles |
| Hydraulics | |
| Hydraulic pump type | Variable displacement pump |
| Hydraulic flow - Pressure | 200 I/min - 270 bar |
| Flow sharing distributor | Standard |
| Tank capacities | |
| Hydraulic oil | 141 |
| Fuel tank | 142 |
| Noise and vibration | 172.1 |
| Noise at driving position (LpA) tested following NF EN 12053 norm | 69 dB |
| | 105 dB |
| Noise to environment (LwA) | |
| Vibration to whole hand/arm | < 2.50 m/s² |
| Miscellaneous | |
| Tractor homologation | Tractor homologation |
| Safety cab homologation Controls | ROPS - FOPS level 2 cab |
| | JSM |

MLT-X 841 - 145 PS+ - Dimensional drawing











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