Technical sheet:

MT-X 1440

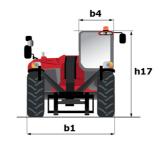


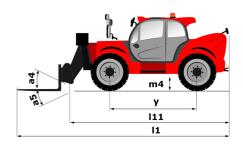


| | MT-x 1440 Created on May 20, 2024 at 8:51:13 PM |
|---|---|
| Capacities | Metric |
| Max. capacity | 4000 kg |
| Max. lifting height | 13.53 m |
| Max. outreach | 9.46 m |
| Breakout force with bucket | 8000 daN |
| Weight and dimensions | |
| Overall length to carriage | l11 6.02 m |
| Length to face of forks | l2 6.13 m |
| Overall width | b1 2.42 m |
| | h17 2.45 m |
| Overall height | |
| Wheelbase | y 3.07 m |
| Ground clearance | m4 0.37 m |
| Overall cab width | b4 0.89 m |
| Tilt-up angle | a4 12 ° |
| Tilt-down angle | a5 114 ° |
| External turning radius (over tyres) | Wa1 3.94 m |
| Unladen weight (with forks) | 11115 kg |
| Overall weight | 11115 kg |
| Tires type | Pneumatic |
| Standard tires | Alliance 400/80 - 24 - 162A8 |
| Forks length / width / section | I / e / s 1200 mm x 125 mm / 50 mm |
| Performances | |
| Lifting | 15.50 s |
| Lowering | 11.60 s |
| Extension | 16.50 s |
| Retraction | 11.90 s |
| Crowd | 3.90 s |
| | 4 s |
| Dump | 45 |
| Engine | |
| Engine brand | Perkins |
| Engine norm | Stage IIIA |
| Engine model | 1104D-44TA |
| Number of cylinders / Capacity of cylinders | 4 - 4400 cm ³ |
| I.C. Engine power rating - Power | 101 Hp / 74.50 kW |
| Max. torque / Engine rotation | 400 Nm @ 1400 rpm |
| Drawbar pull (Laden) | 8250 daN |
| Transmission | |
| Transmission type | Torque converter |
| Number of gears (forward / reverse) | 4 / 4 |
| Max. travel speed | 24.90 km/h |
| Parking brake | Automatic Negative Hand-brake |
| | Oil-immersed multi-discs braking on front & |
| Service brake | axles |
| Hydraulics | |
| Hydraulic pump type | Gear pump |
| Hydraulic flow / Pressure | 167 l/min-270 bar |
| Tank capacities | |
| Engine oil | 11.40 |
| Hydraulic oil | 1351 |
| Fuel tank | 140 I |
| Noise and vibration | 1701 |
| Noise at driving position (LpA) | 82 dB |
| | |
| Noise to environment (LwA) | 105 dB |
| Vibration on hands/arms | < 2.50 m/s² |
| Miscellaneous | |
| Steering wheels (front / rear) | 2/2 |
| | 2 / 2 |
| Drive wheels (front / rear) Safety cab homologation | ROPS - FOPS level 2 cab |

MT-X 1440 - Dimensional drawing

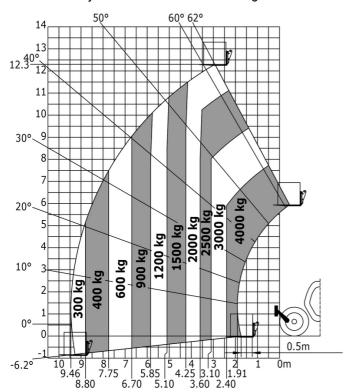




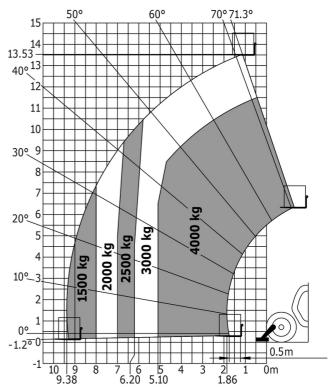


MT-X 1440 - Load chart

Machine on tyres with forks - with levelling device Metric



Machine on lowered stabilisers with forks Metric







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