Technical sheet :

MT-X 1440 A

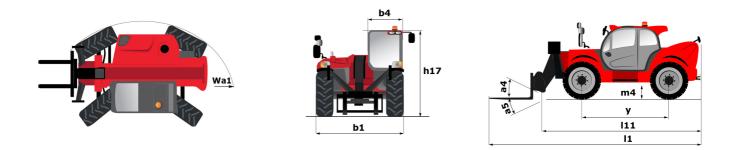




| ит-х 1440 А | Created | on 5 May | 2024 at | 3.35.43 | AM LITC |
|-------------|---------|----------|---------|---------|---------|
| | | | | | |

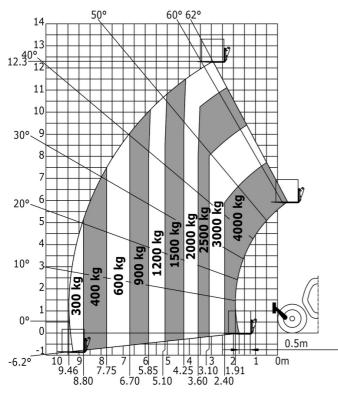
| | мт-х 1440 A Created on 5 May 2024 at 3:35:43 AM UT |
|--|---|
| Capacities | Metric |
| Max. capacity | 4000 kg |
| Max. lifting height | 13.53 m |
| Max. outreach | 9.46 m |
| Breakout force with bucket | 8800 daN |
| Weight and dimensions | |
| Overall length to carriage | l11 6.02 m |
| Overall width | b1 2.42 m |
| Overall height | h17 2.45 m |
| 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 |
| Overall weight | 11755 kg |
| Unladen weight (with man basket) | 11755 kg |
| Tires type | Pneumatic |
| Standard tires | Alliance 400/80 - 24 - 162A8 |
| Forks length / width / section | l / e / s 1200 mm x 125 mm / 45 mm |
| Performances | |
| Lifting | 15.70 s |
| Lowering | 13.30 s |
| Extension | 19.20 s |
| Retraction | 14.80 s |
| Crowd | 4 s |
| Dump | 4 s |
| Engine | |
| Engine brand | Perkins |
| Engine norm | Stage IIIA |
| Max. fuel sulphur content | 5000 ppm |
| Engine model | 1104D-44TA |
| Number of cylinders / Capacity of cylinders | 4 - 4400 cm³ |
| 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 |
| Service brake | Oil-immersed multi-discs braking on front & rear axles |
| Hydraulics | |
| Hydraulic pump type | Gear pump |
| Hydraulic flow / Pressure | 167 l/min-265 bar |
| Tank capacities | |
| Engine oil | 11.40 |
| Hydraulic oil | 135 |
| Fuel tank | 140 I |
| Noise and vibration | |
| Noise at driving position (LpA) | 82 dB |
| Noise to environment (LwA) | 105 dB |
| Vibration on hands/arms | < 2.50 m/s² |
| Compatible platform | |
| Platform capacity | Q 1000 kg |
| Number of people | 3 |
| Platform dimensions (length x width) | lp / ep 5000 m x 1200 m |
| Platform weight* | 1150 kg |
| Miscellaneous | |
| Steering wheels (front / rear) | 2/2 |
| - · · / | |
| Drive wheels (front / rear) | 2 / 2 |
| Drive wheels (front / rear) Safety cab homologation | 2 / 2 ROPS - FOPS level 2 cab |

MT-X 1440 A - Dimensional drawing

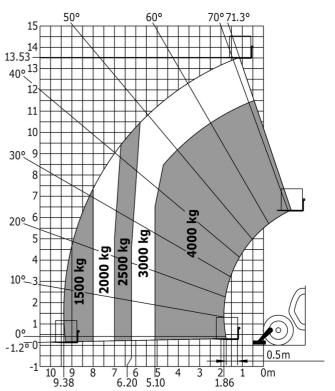


MT-X 1440 A - Load chart

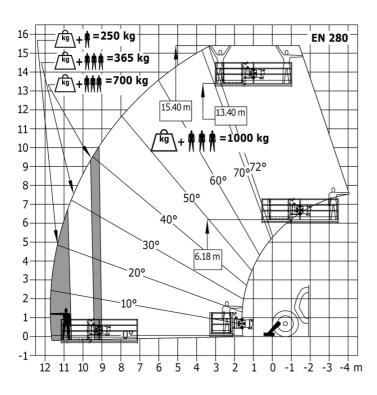
Machine on tyres with forks - with levelling device Metric



Machine on lowered stabilisers with forks Metric



Machine on stabilisers with Man basket Metric





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