Technical sheet:

MT-X 1840

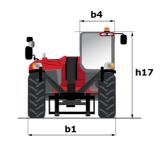


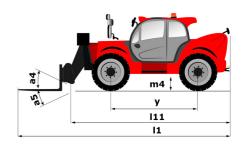


| | мт-х 1840 Created on May 5, 2024 at 4:46:32 AM |
|---|---|
| Capacities | Metric |
| Max. capacity | 4000 kg |
| Max. lifting height | 17.55 m |
| Max. outreach | 13.08 m |
| Breakout force with bucket | 7500 daN |
| Weight and dimensions | |
| Overall length to carriage | l11 6.16 m |
| Length to face of forks | 12 6.27 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 |
| | a4 12 ° |
| Tilt-up angle | |
| Tilt-down angle | a5 114° |
| External turning radius (over tyres) | Wa1 3.94 m |
| Unladen weight (with forks) | 11630 kg |
| Overall weight | 11600 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 | 17.30 s |
| Lowering | 12.70 s |
| Extension | 16.10 s |
| Retraction | 15.60 s |
| Crowd | 5 s |
| Dump | 4 s |
| 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) | 10000 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 & rea |
| | axles |
| Hydraulics | |
| Hydraulic pump type | Gear pump |
| Hydraulic flow / Pressure | 167 l/min-270 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/s ² |
| Miscellaneous | |
| Steering wheels (front / rear) | 2/2 |
| Drive wheels (front / rear) | 2/2 |
| Safety cab homologation | ROPS - FOPS level 2 cab |
| Controls | JSM |
| | |

MT-X 1840 - Dimensional drawing







MT-X 1840 - Load chart

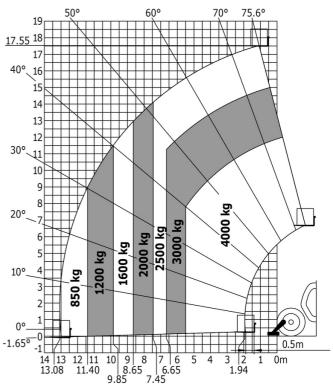
10 9 9.60 8.65

Machine on tyres with forks - with levelling device Metric

40° 12 11 10 30° 9 1600 kg 2000 kg 2500 kg 3000 kg 20° 5 1200 kg 900 kg/ 600 kg 10° 0 0.5m -4.64° -

8 7 6 5 4 3 2 7.20 5.40 3.90 2.65 6.40 4.70 3.40 2.05

Machine on lowered stabilisers with forks Metric







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