Technical sheet:

MT-X 1840

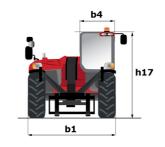


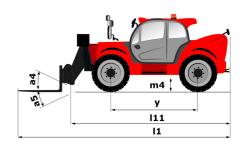


| | MT-x 1840 Created on May 5, 2024 at 8:37:57 AM |
|---|---|
| Capacities | Metric |
| Max. capacity | 4000 kg |
| Max. lifting height | 17.55 m |
| Max. outreach | 13.08 m |
| Breakout force with bucket | 7500 daN |
| Weight and dimensions | |
| Overall length to carriage | l11 6.16 m |
| Length to 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 |
| Tilt-up angle | a4 12 ° |
| | a5 114 ° |
| Tilt-down angle | Wa1 3.94 m |
| External tuming radius (over tyres) | |
| 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 cm³ |
| 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 |
| | Oil-immersed multi-discs braking on front & re |
| Service brake | axles |
| Hydraulics | |
| Hydraulic pump type | Gear pump |
| Hydraulic flow / Pressure | 167 l/min-270 bar |
| Tank capacities | |
| Engine oil | 11.40 l |
| Hydraulic oil | 135 |
| Fuel tank | 140 l |
| Noise and vibration | |
| 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 |
| Drive wheels (front / rear) | 2/2 |
| Safety cab homologation | ROPS - FOPS level 2 cab |
| oarety can nomologation | RUF3 - FUF3 IEVEL Z CAD |

MT-X 1840 - Dimensional drawing







MT-X 1840 - Load chart

-4.64° -

10 9 9.60 8.65

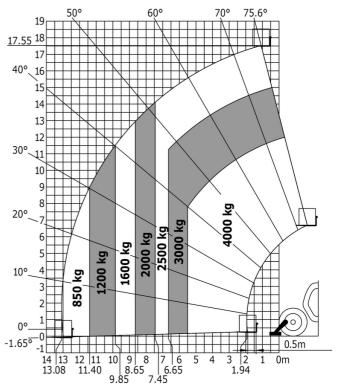
Machine on tyres with forks - with levelling device Metric

14 40° 13 12.50 11 10 30° 9 8 7 20° 6 5 4 10° 3 2 0° 1 10° 3

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

0.5m

Machine on lowered stabilisers with forks Metric







Head Office

B.P. 249 - 430 rue de l'Aubinière 44150 Ancenis Cedex - France Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97 www.manitou.com



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