Technical sheet :

MT 1440 ST5



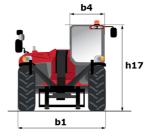


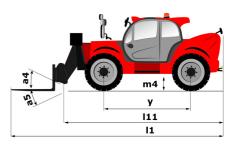
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| | мт 1440 sт 5 Created on 29 April 2024 at 07:59:34 UT |
|---|---|
| Capacities | Metric |
| Max. capacity | 4000 kg |
| Max. lifting height | 13.53 m |
| Max. outreach | 9.46 m |
| Breakout force with bucket | 7895 daN |
| Weight and dimensions | |
| Overall length to carriage | l11 6.02 m |
| Length to face of forks | l2 6.13 m |
| Overall width | b1 2.36 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 |
| Unladen weight (with forks) | 10940 kg |
| Overall weight | 10940 kg |
| Tires type | Pneumatic |
| Standard tires | Alliance 400/80 - 24 - 162A8 |
| Forks length / width / section | l / e / s 1200 mm x 125 mm / 50 mm |
| Performances | |
| Lifting | 16 s |
| Lowering | 12.40 s |
| Extension | 17.30 s |
| Retraction | 13 s |
| Crowd | 4.30 s |
| Dump | 4 s |
| Engine | |
| Engine brand | Deutz |
| Engine norm | Stage V |
| Engine model | TCD 3.6L |
| Number of cylinders / Capacity of cylinders | 4 - 3621 cm³ |
| I.C. Engine power rating - Power | 100 Hp / 75 kW |
| Max. torque / Engine rotation | 410 Nm @ 1600 rpm |
| Drawbar pull (Laden) | 9930 daN |
| Transmission | |
| Transmission type | Torque converter |
| Number of gears (forward / reverse) | 4/4 |
| Max. travel speed | 24.90 km/h |
| Parking brake | Automatic parking brake |
| Service brake | Oil-immersed multi-discs braking on front & rear axles |
| Hydraulics | |
| Hydraulic pump type | Gear pump |
| Hydraulic flow / Pressure | 167 l/min-270 bar |
| Tank capacities | |
| Engine oil | 10 |
| Hydraulic oil | 1351 |
| Fuel tank | 140 I |
| DEF tank capacity | 22.60 |
| Noise and vibration | |
| Noise at driving position (LpA) | 79 dB |
| Noise to environment (LWA) | 106 dB |
| Vibration on hands/arms | < 2.50 m/s ² |
| Miscellaneous | × 2.30 III/5 |
| Steering wheels (front / rear) | 2/2 |
| Drive wheels (front / rear) | 2/2 |
| Safety cab homologation | ROPS - FOPS level 2 cab |
| carety cas noniologation | RUF3 - FUF3 IEVEL Z GAD |

MT 1440 ST5 - Dimensional drawing

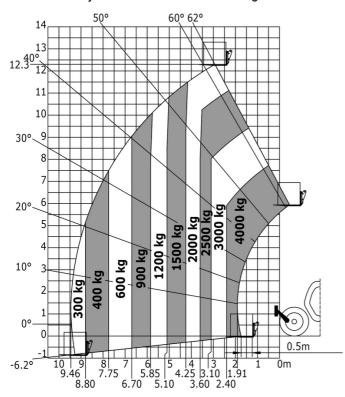




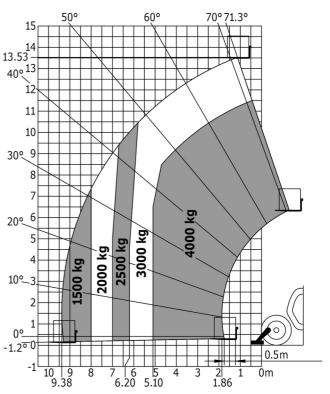


MT 1440 ST5 - Load chart

Machine on tyres with forks - with levelling device Metric









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