Technical sheet:

MT 935 75D ST5

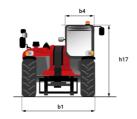


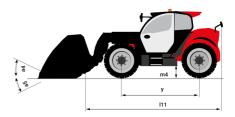


| | MT 935 75D ST5 Created on May 4, 2024 at 11:36:35 AM |
|---|--|
| Capacities | Metric |
| Max. capacity | 3500 kg |
| Max. lifting height | 9 m |
| Max. outreach | 6.40 m |
| Breakout force with bucket | 7180 daN |
| Weight and dimensions | |
| Overall length to carriage | l11 4.70 m |
| Length to face of forks | 12 4.78 m |
| Overall length (with forks) | I1 5.98 m |
| Overall width | b1 2.27 m |
| Overall height | |
| • | |
| Wheelbase | y 2.80 m |
| Ground clearance | m4 0.42 m |
| Overall cab width | b4 0.95 m |
| Tilt-up angle | a4 13 ° |
| Tilt-down angle | a5 114° |
| External turning radius | Wa3 3.77 m |
| External turning radius (over tyres) | Wa1 3.78 m |
| Unladen weight (with forks) | 7480 kg |
| Overall weight | 7480 kg |
| Tires type | Pneumatic |
| Standard tires | ALLIANCE 400/80-24 162A8 A325 |
| Standard tires | Alliance 400/80 - 24 - 162A8 |
| Forks length / width / section | I / e / s 1200 mm x 100 mm / 50 mm |
| Performances | |
| Lifting | 7.20 s |
| Lowering | 4.70 s |
| Extension | 11 s |
| Retraction | 7 s |
| Crowd | 3 s |
| Dump | 3.40 s |
| Engine | |
| Engine brand | Deutz |
| Engine norm | Stage V / Tier 4 Final |
| Engine model | TCD 2.9I 2501-7118 |
| Number of cylinders / Capacity of cylinders | 4 - 2924 cm ³ |
| I.C. Engine power rating - Power | 75 Hp / 55.40 kW |
| Max. torque / Engine rotation | |
| | 375 Nm @ 1400 rpm 7220 daN |
| Drawbar pull (Laden) | 7220 UdiN |
| Electric circuit | 110 Ab |
| 12V Battery capacity | 110 Ah |
| Transmission | |
| Transmission type | Torque converter |
| Number of gears (forward / reverse) | 4 / 4 |
| Max. travel speed | 24.70 km/h |
| Parking brake | Automatic parking brake |
| Service brake | Hydraulic servo brake |
| Hydraulics | |
| Hydraulic pump type | Axial piston |
| Tryaladio pamp type | - P |
| Hydraulic Pressure | 270 bar |
| | |
| Hydraulic Pressure | |
| Hydraulic Pressure Tank capacities | 270 bar |
| Hydraulic Pressure Tank capacities Engine oil | 270 bar 8.50 I |
| Hydraulic Pressure Tank capacities Engine oil Hydraulic oil Fuel tank | 270 bar 8.50 l 90 l |
| Hydraulic Pressure Tank capacities Engine oil Hydraulic oil Fuel tank Noise and vibration | 270 bar 8.50 l 90 l 137 l |
| Hydraulic Pressure Tank capacities Engine oil Hydraulic oil Fuel tank Noise and vibration Noise at driving position (LpA) | 270 bar 8.50 l 90 l 137 l |
| Hydraulic Pressure Tank capacities Engine oil Hydraulic oil Fuel tank Noise and vibration Noise at driving position (LpA) Noise to environment (LwA) | 270 bar 8.50 l 90 l 137 l 77 dB 104 dB |
| Hydraulic Pressure Tank capacities Engine oil Hydraulic oil Fuel tank Noise and vibration Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/arms | 270 bar 8.50 l 90 l 137 l |
| Hydraulic Pressure Tank capacities Engine oil Hydraulic oil Fuel tank Noise and vibration Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/arms Miscellaneous | 270 bar 8.50 l 90 l 137 l 77 dB 104 dB < 2.50 m/s² |
| Hydraulic Pressure Tank capacities Engine oil Hydraulic oil Fuel tank Noise and vibration Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/arms Miscellaneous Steering wheels (front / rear) | 270 bar 8.50 l 90 l 137 l 77 dB 104 dB < 2.50 m/s² |
| Hydraulic Pressure Tank capacitles Engine oil Hydraulic oil Fuel tank Noise and vibration Noise at driving position (LpA) Noise to environment (LwA) Vibration on hands/arms Miscellaneous | 270 bar 8.50 l 90 l 137 l 77 dB 104 dB < 2.50 m/s² |

MT 935 75D ST5 - Dimensional drawing

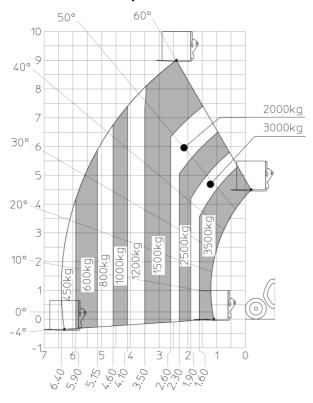






MT 935 75D ST5 - Load chart

Machine on tyres with forks Metric







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