Technical sheet :



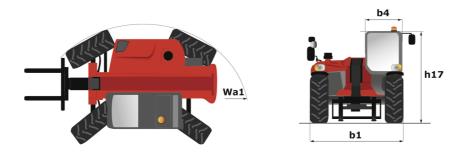




| MT 420 H | Created on April 25, 2024 at 8:56:57 AM UTC |
|----------|---|
| | Metric |

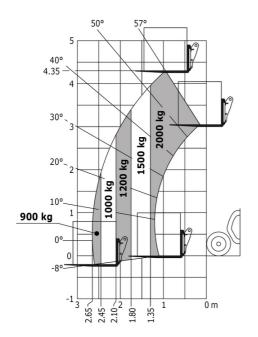
| Capacities | Metric |
|---|--|
| Max. capacity | 2000 kg |
| Max. lifting height | 4.35 m |
| Max. outreach | 2.65 m |
| Breakout force with bucket | 1886 daN |
| Weight and dimensions | |
| Overall length to carriage | l11 3.64 m |
| Length to face of forks | l2 3.58 m |
| Overall width | b1 1.49 m |
| Overall height | h17 1.97 m |
| Wheelbase | y 2.13 m |
| Ground clearance | m4 0.24 m |
| Overall cab width | b4 0.80 m |
| | |
| Tilt-up angle | |
| Tilt-down angle | a5 116 ° |
| External turning radius (over tyres) | Wa1 2.98 m |
| Unladen weight (with forks) | 4190 kg |
| Overall weight | 4260 kg |
| Tires type | Pneumatic |
| Forks length / width / section | l / e / s 1200 mm x 125 mm / 45 mm |
| Performances | |
| Lifting | 5 s |
| Lowering | 3.50 s |
| Extension | 4.80 s |
| Retraction | 3 s |
| Crowd | 3.30 s |
| Dump | 2.70 s |
| Engine | |
| Engine brand | Kubota |
| Engine norm | Stage V |
| Engine model | 2607-CR-E5 |
| Number of cylinders / Capacity of cylinders | 4 - 2615 cm³ |
| I.C. Engine power rating - Power | 57 Hp / 42 kW |
| Max. torque / Engine rotation | 174 Nm @ 1600 mm |
| Drawbar pull (Laden) | 2850 daN |
| Transmission | |
| Transmission type | Hydrostatic |
| Number of gears (forward / reverse) | 2/2 |
| Max. travel speed | 24.90 km/h |
| Parking brake | Automatic Negative Hand-brake |
| Service brake | Disk brake on the cadran shaft |
| Hydraulics | |
| Hydraulic pump type | Gear pump |
| Hydraulic flow / Pressure | 77.40 l/min-235 bar |
| | 77.40 I/IIIII-233 Bai |
| Tank capacities | 10.001 |
| Engine oil | 10.201 |
| Hydraulic oil | 701 |
| Fuel tank | 60 |
| Noise and vibration | |
| Noise at driving position (LpA) | 76 dB |
| Noise to environment (LwA) | 104 dB |
| Vibration on hands/arms | < 2.50 m/s² |
| Miscellaneous | |
| Steering wheels (front / rear) | 2/2 |
| Drive wheels (front / rear) | 2/2 |
| Safety / Safety cab homologation | Standard EN 15000 / ROPS - FOPS level 1 ca |
| Controls | JSM |

MT 420 H - Dimensional drawing



MT 420 H - Load chart

Machine on tyres with forks Metric





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