Technical sheet:

MT 420 H

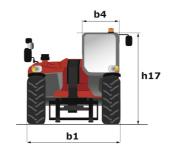




| | мт 420 н Created on December 22, 2024 at 2:18 A | M UT |
|--|---|--------|
| Capacities | Metric | |
| Max. capacity | 2000 kg | |
| Max. lifting height | 4.35 m | |
| Max. outreach | 2.65 m | |
| Breakout force with bucket | 1886 daN | |
| Weight and dimensions | 1000 dail | |
| Overall length to carriage | l11 3.64 m | |
| Length to face of forks | 12 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 | a4 12° | |
| 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 | I / e / s 1200 mm x 125 mm x 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 | W.L. | |
| 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 rpm | |
| Drawbar pull (Laden) | 2850 daN | |
| Transmission | | |
| Transmission type | Hydrostatic | |
| Number of gears (forward / reverse) | 2/2 | |
| Max. travel speed | 24.90 km/h | |
| Max. travel speed (may vary according to applicable regulations) | 24.90 km/h | |
| Parking brake | Automatic Negative Hand-brake | |
| Service brake | Disk brake on the cadran shaft | |
| Hydraulics | Sign state on the detail that | |
| Hydraulic pump type | Gear pump | |
| Hydraulic flow / Pressure | 77.40 l/min-235 bar | |
| • | 77.40 I/IIIII-235 Dai | |
| Tank capacities | 40.001 | |
| Engine oil | 10.20 | |
| Hydraulic oil | 701 | |
| Hydraulic tank capacity | 10.20 | |
| Fuel tank | 60 I | |
| Noise and vibration | | |
| Noise at driving position (LpA) | 76 dB | |
| Noise to environment (LwA) | 104 dB | |
| Vibration on hands/arms | < 2.50 m/s ² | |
| Miscellaneous | | |
| Steering wheels (front / rear) | 2/2 | |
| Drive wheels (front / rear) | 2/2 | |
| Safety / Safety cab homologation | Standard EN 15000 / ROPS - FOPS cab (lev | /el 1) |
| Controls | JSM | C1 1) |
| Contacto | 33W | |

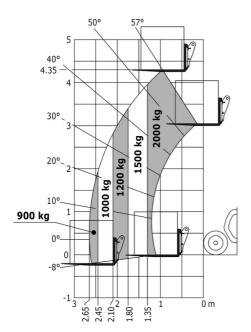
MT 420 H - Dimensional drawing





MT 420 H - Load chart

Machine on tires with forks Metric







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