Technical sheet :

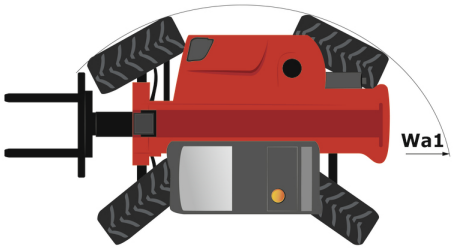
# MT 420 H

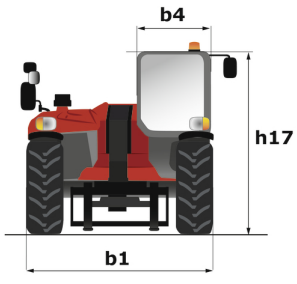


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| Capacities | | Metric |
|---|---|---|
| Max. capacity | | 2000 kg |
| Max. lifting height | | 4.35 m |
| Maximum outreach | | 2.65 m |
| Breakout force with bucket | | 1886 daN |
| **Weight and dimensions** | | |
| Overall length to carriage | l11 | 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 | 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 | | Inflatable |
| Forks length / width / section | l / 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** | | |
| Engine brand | | Kubota |
| Engine norm | | Stage V |
| Engine model | | 2607-CR-E5 |
| Number of cylinders / Capacity of cylinders | | 4 - 2615 cm³ |
| Engine power (Hp/kW) | | 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** | | |
| Hydraulic pump type | | Gear pump |
| Hydraulic flow / Pressure | | 77.40 l/min-235 bar |
| **Tank capacities** | | |
| Engine oil | | 10.20 l |
| Hydraulic oil | | 70 l |
| Hydraulic tank capacity | | 10.20 l |
| Fuel | | 60 l |
| **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 / Cab certification | | Standard EN 15000 / ROPS - FOPS cab (level 1) |
| Controls | | JSM |

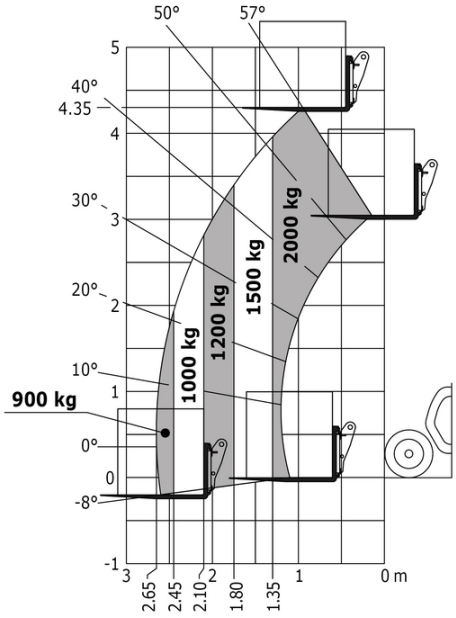
## MT 420 H - Dimensional drawing



# MT 420 H - Load chart

## Machine on tires with forks Metric



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