

Technical sheet :

MLT 420-60 H



 **MANITOU**
HANDLING YOUR WORLD

| Capacities | | Metric | |
|-------------------------------------------------------------------|-----|-----------------------------------------|--|
| Max. capacity | Q | 2000 kg | |
| Max. lifting height | h3 | 4.35 m | |
| Maximum outreach | | 2.65 m | |
| Reach at max. height | | 1 m | |
| Breakout force with bucket | | 1886 daN | |
| Weight and dimensions | | | |
| Unladen weight (with forks) | | 4190 kg | |
| Ground clearance | m4 | 0.26 m | |
| Wheelbase | y | 2.13 m | |
| Overall length to carriage (with hitch) | l11 | 3.64 m | |
| Overall length to carriage (without hitch) | l3 | 3.64 m | |
| Front overhang | | 1.04 m | |
| Overall width | b1 | 1.49 m | |
| Overall cab width | b4 | 0.80 m | |
| Overall height | h17 | 1.96 m | |
| Tilt-down angle | a5 | 116 ° | |
| Tilt-up angle | a4 | 12 ° | |
| External turning radius (over tyres) | Wa1 | 3.06 m | |
| Standard tires | | CAMSO - SKS532 - 12-16.5 145A2 | |
| Drive wheels (front / rear) | | 2 / 2 | |
| Steering mode | | 2 wheel steer, 4 wheel steer, Crab mode | |
| 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 | | V2607-CR-E5B | |
| 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 | |
| Reversible fan | | Standard | |
| Engine cooling system | | 2 radiators water + hydraulic oil | |
| Transmission | | | |
| Transmission type | | Hydrostatic | |
| Number of gears (forward / reverse) | | 2 / 2 | |
| Max. travel speed (may vary according to applicable regulations) | | 25 km/h | |
| Differential lock | | Limited slip differential on front axle | |
| Parking brake | | Automatic negative parking brake | |
| Hydraulics | | | |
| Hydraulic pump type | | Gear pump | |
| Hydraulic flow - Pressure | | 77 l/min - 235 bar | |
| Tank capacities | | | |
| Hydraulic tank capacity | | 70 l | |
| Fuel | | 60 l | |
| Noise and vibration | | | |
| Noise at driving position (LpA) tested following NF EN 12053 norm | | 76 dB | |
| Noise to environment (LwA) | | 104 dB | |
| Vibration on hands/arms | | < 2.50 m/s² | |
| Miscellaneous | | | |
| Tractor homologation | | ROPS - FOPS cab (level 1) | |
| Cab certification | | | |
| Controls | | JSM | |

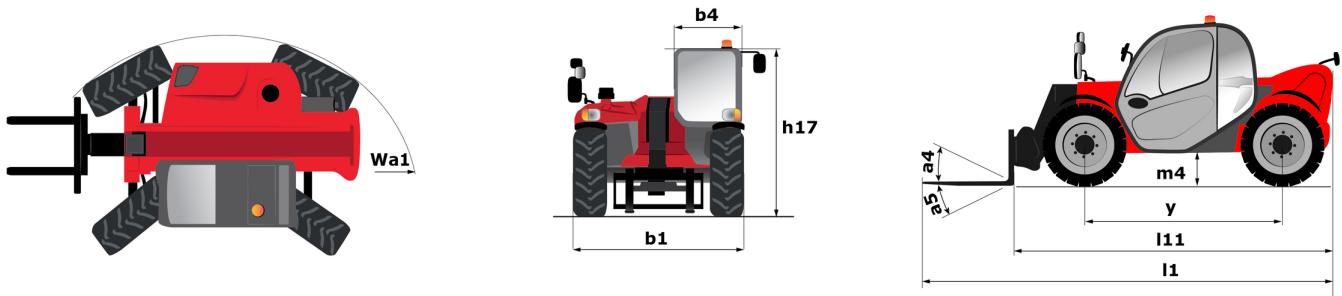
Optional tires tab

| Overall height | Overall width |
|----------------|---------------|
| 1.96 m | 1.48 m |
| 1.97 m | 1.49 m |

ALLIANCE - A550 - 305/70 R16.5 141A5

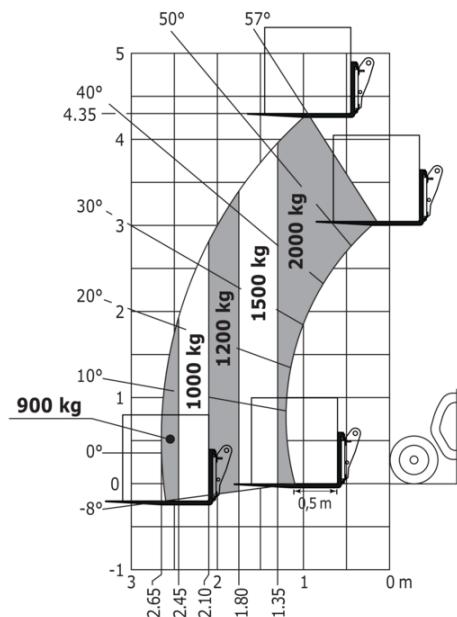
TRELLEBORG - TH400 - 11LR16 130A8

MLT 420-60 H - Dimensional drawing



MLT 420-60 H - Load chart

Machine on tires with forks Metric





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