

Technical sheet :

MLT 420-60 H



 **MANITOU**
HANDLING YOUR WORLD

| Capacities | | Imperial |
|--|-----|---|
| Max. capacity | Q | 4409 lb |
| Max. lifting height | h3 | 14 ft 3 in |
| Maximum outreach | | 8 ft 8 in |
| Reach at max. height | | 3 ft 3 in |
| Breakout force with bucket | | 1886 daN |
| Weight and dimensions | | |
| Unladen weight (with forks) | | 9237 lb |
| Ground clearance | m4 | 10 in |
| Wheelbase | y | 7 ft |
| Overall length to carriage (with hitch) | l11 | 11 ft 11 in |
| Overall length to carriage (without hitch) | l3 | 11 ft 11 in |
| Front overhang | | 3 ft 5 in |
| Overall width | b1 | 4 ft 11 in |
| Overall cab width | b4 | 2 ft 7 in |
| Overall height | h17 | 6 ft 5 in |
| Tilt-down angle | a5 | 116 ° |
| Tilt-up angle | a4 | 12 ° |
| External turning radius (over tyres) | Wa1 | 10 ft |
| 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 - 160 in³ |
| Engine power (Hp / kW) | | 57 Hp / 42 kW |
| Max. torque / Engine rotation | | 128 ft/lbs @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) | | 16 mph |
| Differential lock | | Limited slip differential on front axle |
| Parking brake | | Automatic negative parking brake |
| Hydraulics | | |
| Hydraulic pump type | | Gear pump |
| Hydraulic flow - Pressure | | 20 US gpm - 3408 PSI |
| Tank capacities | | |
| Hydraulic tank capacity | | 18 US gal |
| Fuel | | 16 US gal |
| Noise and vibration | | |
| Noise at driving position (LpA) tested following NF EN 12053 nom | | 76 dB |
| Noise to environment (LWA) | | 104 dB |
| Vibration on hands/arms | | 8 ft/s² |
| Miscellaneous | | |
| Tractor homologation | | |
| Cab certification | | ROPS - FOPS cab (level 1) |
| Controls | | JSM |

Optional tires tab

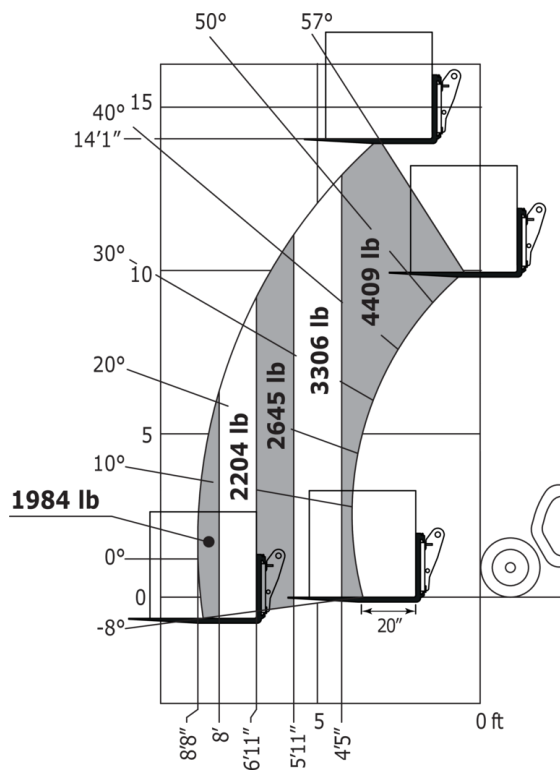
| | Overall height | Overall width |
|--------------------------------------|----------------|---------------|
| ALLIANCE - A550 - 305/70 R16.5 141A5 | 6 ft 5 in | 4 ft 10 in |
| TRELLEBORG - TH400 - 11LR16 130A8 | 6 ft 6 in | 4 ft 11 in |

MLT 420-60 H - Dimensional drawing

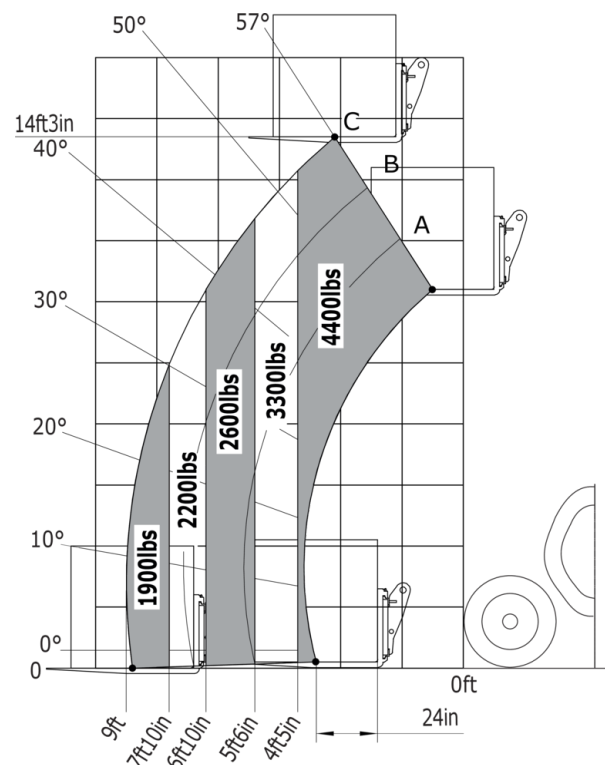


MLT 420-60 H - Load chart

Machine on tires with forks Imperial



Machine on tires with forks LC 600 mm (Imperial)





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