

Technical sheet :

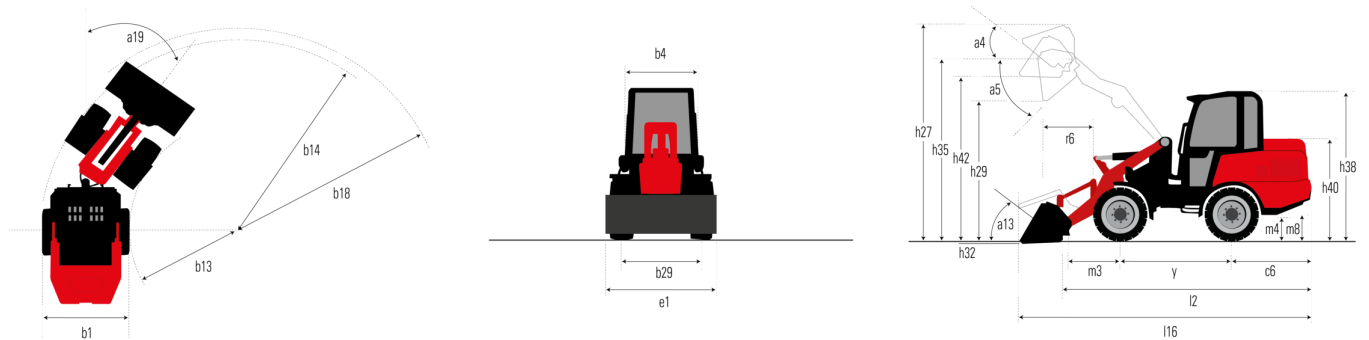
MLA 5-60 H-Z



 **MANITOU**
HANDLING YOUR WORLD

| Capacities | | Metric |
|------------------------------------------------------------------|-----|------------------------------------------------------------|
| Static tipping load with bucket (straight) | | 2190 kg |
| Static tipping load with bucket (full turn) | | 1694 kg |
| Static tipping load with forks (straight) | | 1547 kg |
| Static tipping load with forks (full turn) | | 1204 kg |
| Max. height of bucket pivot point | h35 | 3.16 m |
| Max. lifting height (below forks) | h3 | 2.97 m |
| Reach at max. height | | 0.43 m |
| Breakout force with bucket | | 4329.46 daN |
| Weight and dimensions | | |
| Unladen weight (with forks) with 4-post canopy | | 3388.30 kg |
| Overall length to carriage (with hitch) | l11 | 4.18 m |
| Wheelbase | y | 1744 mm |
| Overall width of 4 posts canopy | b22 | 1.23 m |
| Overall cab width | b4 | 1.22 m |
| Overall height with 4 posts canopy | h38 | 2.31 m |
| Overall height with cab | h17 | 2.31 m |
| Tilt-up angle | a4 | 39.90 ° |
| Tilt-down angle | a5 | 44.70 ° |
| Articulation angle | a19 | 45 ° |
| Overall width less bucket | b1 | 1.47 m |
| Ground clearance | m4 | 0.25 m |
| Performances | | |
| Crowd | | 2.52 s |
| Dump | | 1.85 s |
| Engine | | |
| Engine brand | | Deutz |
| Engine model | | TD 2.2 L3 |
| Engine norm | | Stage V / Tier 4 Final |
| Number of cylinders / Capacity of cylinders | | 3 - 337.82 cm³ |
| I.C. Engine power rating / Power | | 60 Hp / 45.50 kW |
| Max. torque / Engine rotation | | 200 Nm / 2400 rpm |
| 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) | | 28.32 km/h |
| Differential lock | | Front and rear locking of the machine |
| Parking brake | | Manual |
| Service brake | | Hydraulic drum brake on front axle, acting on all 4 wheels |
| Hydraulics | | |
| Hydraulic pump type | | Gear pump |
| Hydraulic flow - Pressure | | 58.30 l/min / 210 bar |
| High-Flow Option (l/min) | | 72.30 l/min |
| Drive hydraulic system pressure | | 420 bar |
| Tank capacities | | |
| Hydraulic oil | | 45 l |
| Fuel tank | | 82.50 l |
| Miscellaneous | | |
| Safety cab homologation | | ROPS - FOPS cab (level 1) |

MLA 5-60 H-Z - Dimensional drawing





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