

Technical sheet :

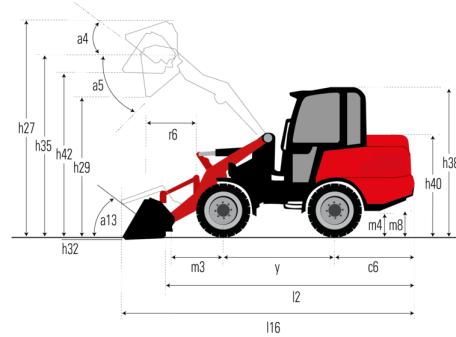
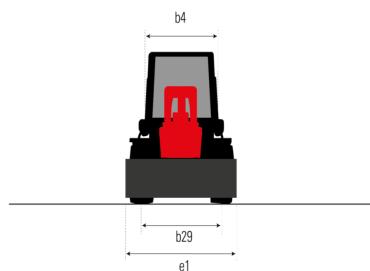
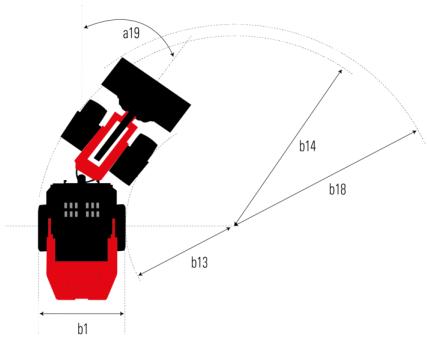
# MLA 5-60 H-Z

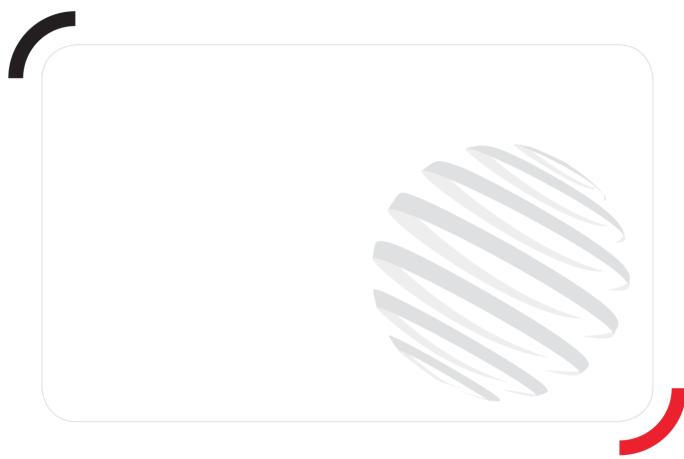


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| Capacities   |     | Metric   |  |
|--|-----|--|--|
| Static tipping load with bucket (straight)                       |     | 2190 kg  |  |
| Static tipping load with bucket (full turn)                      |     | 1694 kg  |  |
| Static tipping 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  |     | Metric   |  |
| 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   |     | Metric   |  |
| Crown  |     | 2.52 s   |  |
| Dump   |     | 1.85 s   |  |
| Engine   |     | Metric   |  |
| 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   |  |
| Engine power (Hp / kW)   |     | 60 Hp / 45.50 kW   |  |
| Max. torque / Engine rotation                                    |     | 200 Nm / 2400 rpm  |  |
| Engine cooling system  |     | 2 radiators water + hydraulic oil                          |  |
| Transmission   |     | Metric   |  |
| 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   |     | Metric   |  |
| 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  |     | Metric   |  |
| Hydraulic oil  |     | 45 l   |  |
| Fuel   |     | 82.50 l  |  |
| Miscellaneous  |     | Metric   |  |
| Cab certification  |     | ROPS - FOPS cab (level 1)                                  |  |

## MLA 5-60 H-Z - Dimensional drawing





# **MANITOU** HANDLING YOUR WORLD

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