

Technical sheet :

# **MLA 5-50 H**

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| Capacities   |     | Metric   |
|--|-----|--|
| Static tipping load with bucket (straight)                                   |     | 1880 kg  |
| Static tipping load with bucket (full turn)                                  |     | 1650 kg  |
| Static tipping load with forks (straight)                                    |     | 1470 kg  |
| Static tipping load with forks (full turn)                                   |     | 1295 kg  |
| Max. height of bucket pivot point  | h35 | 3070 mm  |
| Weight and dimensions  |     |  |
| Unladen weight (with forks) with 4-post canopy                               |     | 2678 kg  |
| Wheelbase  | y   | 1770 mm  |
| Overall cab width  | b4  | 991 mm   |
| Overall height with 4 posts canopy   | h38 | 2290 mm  |
| Dump reach - Full height   | r6  | 458 mm   |
| Hood Height  | h40 | 1469 mm  |
| Overall Operating Height - Fully Raised                                      | h27 | 3870 mm  |
| Articulation angle   | a19 | 40 °   |
| Maximum oscillation angle  |     | 11 °   |
| Overall length with bucket   | l16 | 4490 mm  |
| Overall width less bucket  | b1  | 1330 mm  |
| Overall length - Less Bucket   | l2  | 3792 mm  |
| Rear overhang  | c6  | 1146 mm  |
| Dump angle - Fully raised  | a5  | 47 °   |
| Dump Height - Fully Raised   | h29 | 2301 mm  |
| Maximum Rollback Angle - Fully Raised  | a4  | 46 °   |
| Digging Position   | h32 | -72 mm   |
| Ground clearance   | m4  | 356 mm   |
| Clearance Radius - Front with Bucket   | b18 | 3361 mm  |
| Clearance Radius - Less bucket   | b14 | 2888 mm  |
| Ground Plane to Bucket Edge Height   | h42 | 2837 mm  |
| Tread width (wheel center)   | b29 | 946 mm   |
| Attachment Pivot Clearance   |     | 168 mm   |
| Height from ground to axle center  | m8  | 230 mm   |
| Bucket Width   | e1  | 1520 mm  |
| Front Wheel Center to Pivot Pin  | m3  | 733 mm   |
| Height to Hinge Pin - Fully Raised   | h28 | 3070 mm  |
| Engine   |     |  |
| Engine brand   |     | Perkins  |
| Engine model   |     | 403J-E17T  |
| Engine nom   |     | Stage V  |
| Number of cylinders  |     | 3  |
| I.C. Engine power rating / Power   |     | 48 Hp / 36 kW  |
| Max. torque / Engine rotation  |     | 166 Nm / 1600 rpm  |
| Engine cooling system  |     | Water  |
| Transmission   |     |  |
| Transmission type  |     | Hydrostatic  |
| Number of gears (forward / reverse)  |     | 2 / 2  |
| Max. travel speed (may vary according to applicable regulations)             |     | 20 km/h  |
| Max. travel speed (in option) (may vary according to applicable regulations) |     | 30 km/h  |
| Service brake  |     | Hydraulic drum brake on front axle, acting on all 4 wheels |
| Hydraulics   |     |  |
| Hydraulic pump type  |     | Gear pump  |
| Hydraulic flow - Pressure  |     | 60 l/min / 207 bar   |
| High-Flow Option (l/min)   |     | 60 l/min   |
| Tank capacities  |     |  |
| Hydraulic oil  |     | 50 l   |
| Fuel tank  |     | 65 l   |

### MLA 5-50 H - Dimensional drawing





**Head Office**

B.P. 249 - 430 rue de l'Aubinière

44150 Ancenis Cedex - France

Tel: +33 (0)2 40 09 10 11 - Fax: +33 (0)2 40 09 10 97

[www.manitou.com](http://www.manitou.com)



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