

# MCM

**Together, The Future Is Built**

# MCM 22DS

## MINI EXCAVATOR

POWERFUL. PRECISE. COMPACT.

Engineered for performance.  
Built to last.



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## ENGINE

|                        |                          |
|------------------------|--------------------------|
| Emission Standard      | EPA 5, Euro 5            |
| Make / Model           | Kubota D1105             |
| Power / Rotation speed | 14 kW (19 HP) @ 2200 rpm |
| Number of cylinders    | 3                        |

## HYDRAULIC SYSTEM

|                 |                                        |
|-----------------|----------------------------------------|
| System Type     | Hydraulic pilot servo operation system |
| System Pressure | 18 MPa                                 |
| Main Pump       | China brand pump                       |
| Main Valve      | China brand valves                     |
| Slewing Motor   | EATON brand                            |
| Driving Motor   | EATON brand                            |

## OVERALL DIMENSIONS

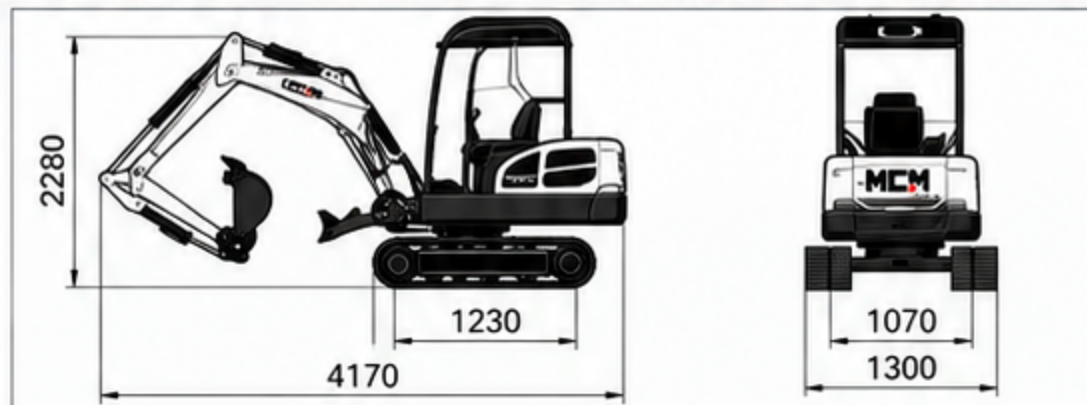
|                          |         |
|--------------------------|---------|
| Overall Length           | 4170 mm |
| Overall Width            | 1300 mm |
| Overall Height           | 2280 mm |
| Ground Clearance         | 230 mm  |
| Track Length (on ground) | 1230 mm |
| Track Gauge              | 1070 mm |
| Track Shoe Width         | 230 mm  |

## OPERATION PARAMETERS

|                             |          |
|-----------------------------|----------|
| Operating Weight            | 2200 kg  |
| Standard Bucket Capacity    | 0.1 m³   |
| Max. Digging Radius         | 4370 mm  |
| Max. Digging Depth          | 2450 mm  |
| Max. Working Height         | 3700 mm  |
| Max. Dumping Height         | 2290 mm  |
| Max. Vertical Digging Depth | 2160 mm  |
| Max. Bucket Digging Force   | 15.3 kN  |
| Max. Arm Digging Force      | 10.5 kN  |
| Swing Speed                 | 12 rpm   |
| Traveling Speed             | 2.5 km/h |
| Grade Ability               | 30°      |

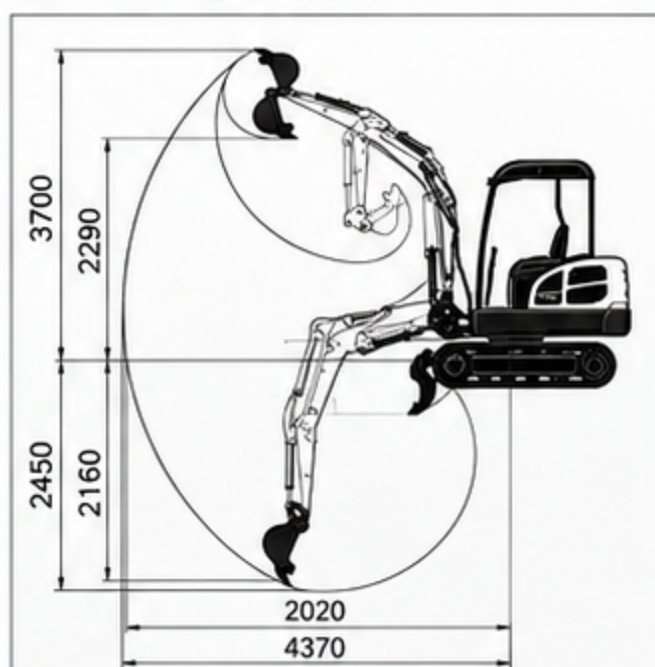
## OPTIONAL EXTRAS

- Laidong 3TE30 engine (22.1 kW @ 2300 rpm)
- Closed cabin
- Steel track
- Air conditioner



## WORKING RANGE

|                                 |           |
|---------------------------------|-----------|
| Maximum Digging Height          | 3700 mm   |
| Maximum Dumping Height          | 2290 mm   |
| Maximum Digging Depth           | 2450 mm   |
| Maximum Vertical Digging Depth  | 2160 mm   |
| Maximum Digging Radius          | 4370 mm   |
| Minimum Swing Radius            | 2020 mm   |
| Maximum Lifting Height of Blade | 240 mm    |
| Maximum Cutting Depth of Blade  | 310 mm    |
| Boom Swing Angle (Left/Right)   | 70° / 50° |



## ATTACHMENTS

- Auger
- Ripper
- Bucket
- Breaker
- Grapple

Under our policy of continuous improvement, we reserve the right to change technical data and design without prior notice.

|            |                                                                      |
|------------|----------------------------------------------------------------------|
| CAPE TOWN  | 9 Karee Rd, Kraaifontein Industria, Cape Town, 7570                  |
| GEORGE     | Jura Lands, Beach Road, Hansmoeskraal, George, 6529                  |
| FREE STATE | Bloem Showgrounds, Curie Avenue, Generaal De Wet, Bloemfontein, 9301 |
| GAUTENG    | 26 Sterling Rd, Unit 1, Samrand Business Park, Midrand, 0117         |

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