

MCM

MCM 388

BACKHOE LOADER

**BUILT TO
PERFORM.**



OPERATING WEIGHT

8200 kg



BUCKET CAPACITY

1.0 m³



MAX SPEED

39 km/h

SCAN FOR DETAILS



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DIMENSIONS & PERFORMANCE

Overall Operating Weight	8200 kg
Transport Dimension (L × W × H)	6050 × 2465 × 3813 mm
Wheelbase	2280 mm
Min. Ground Clearance	300 mm
Bucket Capacity	1.0 m³
Breakout Force	47 kN
Loading Lifting Capacity	2500 kg
Bucket Dumping Height	2807 mm
Bucket Dumping Distance	908 mm
Backhoe Capacity	0.3 m³
Max. Digging Depth	3967 mm
Swing Angle of Excavator Grab	180°
Max. Pulling Force	76 kN
Max. Speed	39 km/h
Tyre Model	14-17.5 / 19.5L-24



ENGINE & STEERING

Engine Model	YC4A110Z-T23
Engine Type	Turbocharging, Four-Stroke
Cylinder Diameter × Stroke	4-108 × 132
Rated Power	81 kW
Rated Speed	2200 r/min
Min. Fuel Consumption	197 g/kW·h
Max. Torque / Speed	425 / 1500–1800 n·m//min
Displacement	4.837 L
Steering Device Model	BZZ-250
Steering Angle	±39°
Min. Turning Radius	6581 mm
Pressure of the System	14 MPa



TRANSMISSION & DRIVELINE

Final Reducer	Single Stage Final Reducer
Rated Loader of Axle	Front 22.5 t / Rear 18.5 t
Transmission System	Torque Converter
Torque Converter Model	YJ290
Torque Converter Type	Single-stage Three Elements
Max. Efficiency	84.4%
Inlet Pressure	0.5–0.65 MPa
Outlet Pressure	0.15–0.3 MPa
Cooling Method	Pressure-circulation oil cooling
Gearbox Type	Fixed Shaft Power Transmission
Oil Pressure of Clutch	2.0–2.3 MPa
Gears	4 Forward / 4 Reverse
Front Wheel Pressure	0.4 MPa
Back Wheel Pressure	0.35 MPa
Main Transmission Type	Double Reduction

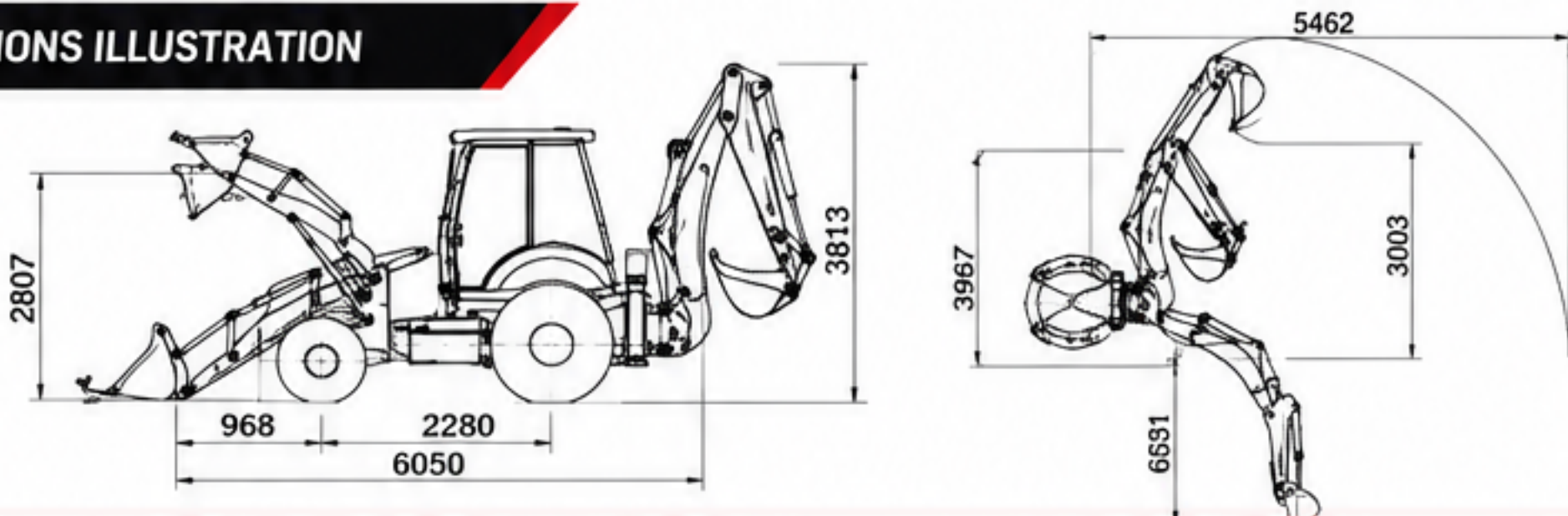


HYDRAULICS & BRAKING

Digging Power of Excavator Grab	50 kN
Digging Power of Dipper	31 kN
Bucket Lifting Time	6.8 s
Bucket Lowering Time	3.1 s
Bucket Discharge Time	2.0 s
Brake System	Air Over Oil Caliper Brake
Service Brake	External Type, Self-regulation, Self-balance
Emergency Brake	Operation Power Implementing Brake / Manual Operation Power Terminating Brake



DIMENSIONS ILLUSTRATION



Units: mm

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