

# MCM 37X



## Technical Specifications

### Engine

Machine	37X
Model	Xinchai A498BT1
Type	Direct Injection, Water Cooled
No. of Cylinders	4
Net Peak Power	36.8kW (49.3HP) @ 2400 rpm
Fuel Tank Capacity	85L
Vehicle Speeds	18-28km/h

### Hydraulic System

Circuit Type	Open Centre, gear type
Pump Capacity (@ 1,900rpm)	85.5 L/min
System Pressure	18Mpa
Tank Capacity	80L
Steering Type	4WD
Power Steering	Full Shuttle-Shift

### Operation Dimensions

<b>A</b> Total Travel Length	6000mm
<b>B</b> Total Travel Height	2800mm
<b>C</b> Total Travel Width	1850mm
<b>D</b> Stabilizers Extended Width	3350mm
<b>E</b> Wheel Base	2050mm
<b>F</b> Front Axle to Bucket Edge	2250mm
<b>G</b> Backhoe Reach from Rear Axle	5950mm

### Operation Parameters

Operating Weight	5000kg
<b>Backhoe Parameters</b>	
Backhoe Bucket Capacity	0.2m <sup>3</sup>
<b>H</b> Max. Digging Depth	3400mm
<b>I</b> Max. Working Height	5000mm
Max. Digging Radius	4600mm
Rotation Angle of Boom	180°
<b>Loader Parameters</b>	
Loader Bucket Capacity	0.8m <sup>3</sup>
Rated Loading Weight	1600kg
<b>J</b> Max. Lift Height	3700mm
<b>K</b> Max. Dumping Height	2700mm
Dumping Distance	1000mm
Min. Turning Distance	4800mm
Bucket Breakout Force	52kN

