

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

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

Operation Parameters

Operating Weight	5000kg
Backhoe Parameters	
Backhoe Bucket Capacity	0.2m ³
H Max. Digging Depth	3400mm
I Max. Working Height	5000mm
Max. Digging Radius	4600mm
Rotation Angle of Boom	180°
Loader Parameters	
Loader Bucket Capacity	0.8m ³
Rated Loading Weight	1600kg
J Max. Lift Height	3700mm
K Max. Dumping Height	2650mm
Dumping Distance	1000mm
Min. Turning Distance	4800mm
Bucket Breakout Force	52kN

