

EBM03-6D OPERATING MANUAL

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1. Preface

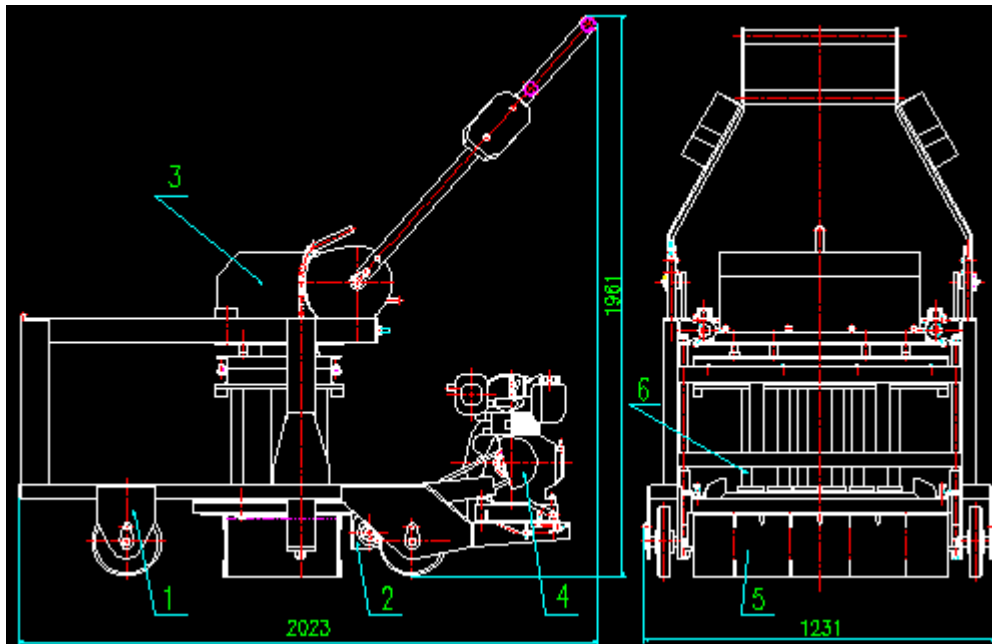
EBM03-6D model produces block through vibrating and moulding. Power source for vibrating is optional among electric motor/diesel engine/gasoline engine. Main operating procedures include push upper mould, add material on the lower mould and vibrate, pull back and release upper mould, vibrate the whole moulds again, move machine and let blocks stay.

2. Main specification

Model	BM3-06D
Size(L*W*H)	2420mm*1320mm*1650mm
Weight	810Kg
Power source	R180 single cylinder diesel engine
Power	5.67KW
Rotating speeds	2600r/min
Productivity	1200pcs/8h (400*200*200mm block)

3. Check and test run

3.1 Main structure



- 1.Machine frame assembly 2.Vibrating frame 3.Upper mould sliding frame
4. Power system 5. Lower mould 6. Upper mould

3.1 Check and test run

1. Open engine casing, and check if both oil and diesel are fullfilled.



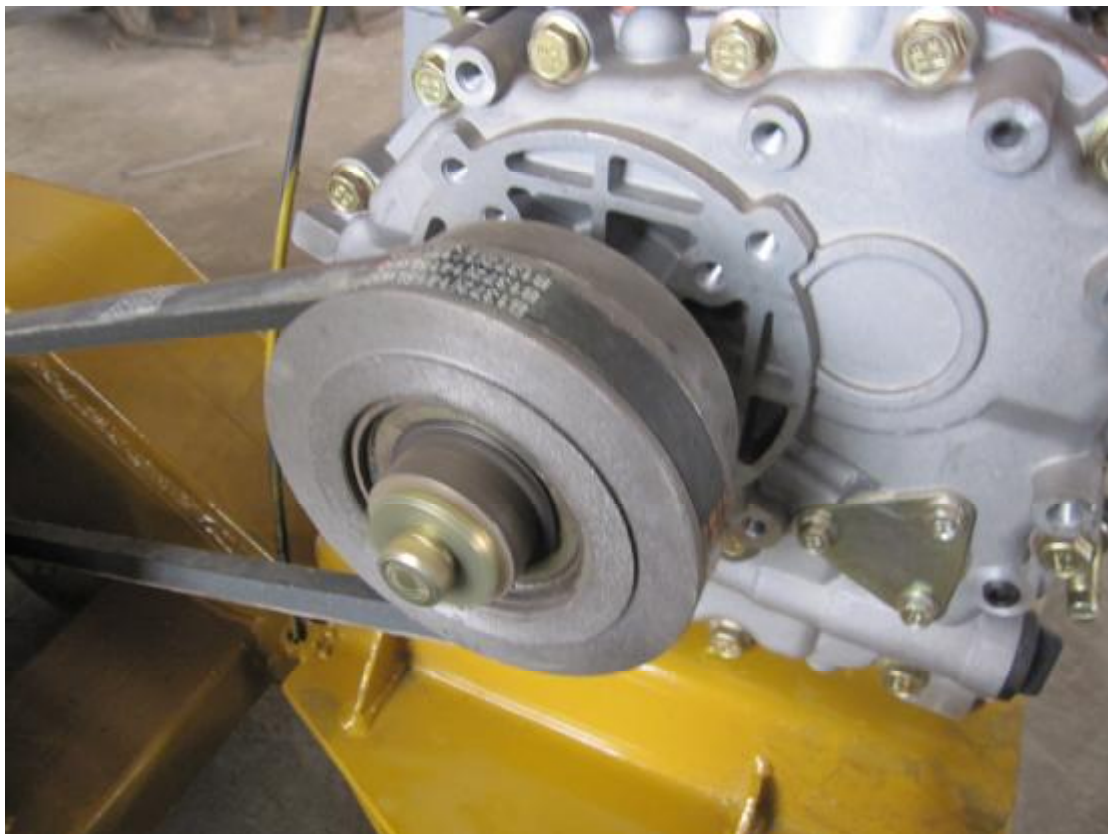


2. Check bolts(screws) in every corner to confirm they are tightened.

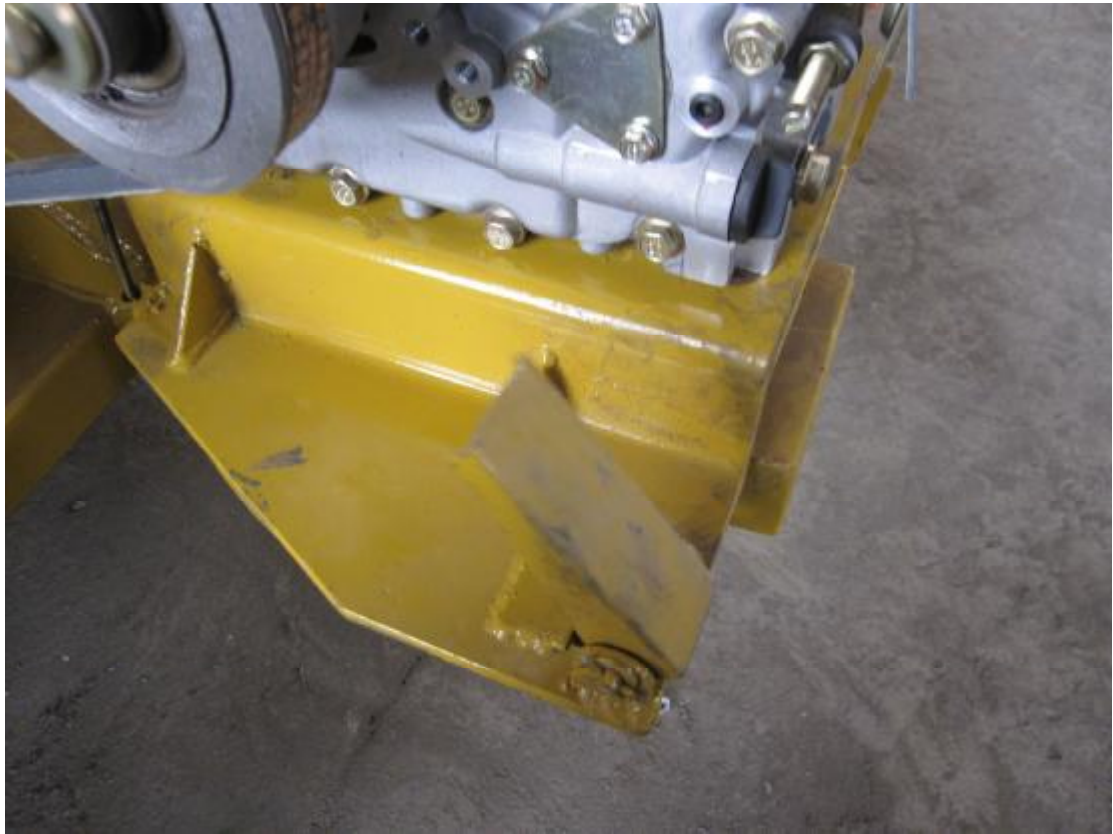




3. Start engine and keep it running 5-10minutes to confirm it's OK.



During engine running, clutch pulley should not run after engine unless accelerator pedal is stepped on. If clutch pulley stays static after pedel is stepped, pls adjust engine throttle cable.





4. Block producing

4.1. Material preparation

Mix sand, cement, (stone powder) and water. (sand:cement=10:1)



4.2. Operating process

1. Assemble the upper mould and make sure screws are tightened





2. Press the lifting arm down to the ground then adjust chain screw to let lower hook exactly bite upper hook.(We already test and adjust well before delivery. If customer orders many moulds with different height, we only adjust to suit the mould on the machine)





3. Adjust sliding frame limiting shaft to make sure when upper mould is released, it will be exactly inserted in lower mould.(We already adjust it before delivery).





4. Adjust the lower frame limiting bolts so that when the whole moulds are lifted to the top, the upper mould comes out 3-5mm from lower mould.(We already test and adjust well before delivery.)





5. Add mixture on the lower mould and vibrate for 10seconds before fullfilling





6. After fullfilling, press the upper mould operating arm to release upper mould. Step the pedal and vibrate the whole mould for 30seconds.



7. Stop vibrating and press the lifting arm to reach the ground so that the whole moulds are lifted. Then leave the finished blocks, and move machine forward.





8. The left blocks could be moved when they are dried after 4-6days in vantilated space.

