



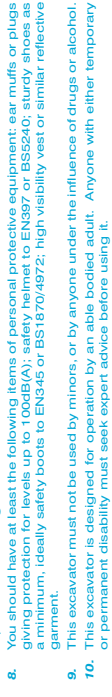
JCB 801 Mini Excavator

The rules and procedures in force where people are at work may require the person responsible for this equipment to carry out a specific risk assessment.



It is important to read all of this leaflet BEFORE you use the 2870 JCB 801 Mini Excavator

- Plan your work and think ahead to make sure you will always be working safely.
- Diesel fuel is highly flammable. Take care not to cause a fire or explosion.
- This JCB 801 mini excavator is designed for digging small trenches or excavations, and loading earth moving vehicles from spoil heaps.
- The action of mini excavator can cause injury or damage if the equipment is not used in a careful and controlled way.
- You should not drive this excavator unless you have had previous experience, or you have at least a course of instruction from a responsible body. Drivers of this vehicle should have at least a current site safety awareness certificate.
- A Certificate of Training Achievement (CTA) for Construction Plant Operators is required on many construction sites. Training to achieve a CTA is available from CITB appointed bodies.
- You should not attempt to load or unload the machine from a truck or trailer unless you are fully experienced in doing so.
- You should have at least the following items of personal protective equipment: ear muffs or plugs giving protection for levels up to 100dB(A); safety helmet to EN397 or BS5240; sturdy shoes as a minimum, ideally safety boots to EN345 or BS1870/4972; high visibility vest or similar reflective garment.
- This excavator must not be used by minors, or by anyone under the influence of drugs or alcohol.
- This excavator is designed for operation by an able bodied adult. Anyone with either temporary or permanent disability must seek expert advice before using it.



DRIVING THE JCB 801 MINI EXCAVATOR

- This machine does not have gears; do not overwork the engine.
- Operate at an engine speed consistent with the job being carried out.
- Do not use the service pedal as a footrest.
- The hand throttle control also operates as the brake control; pushing it forward to idling speed also applies the brake.
- After ensuring it is safe to move off, move the track control levers and adjust the throttle to achieve the desired speed.

STOPPING THE ENGINE

- Set bucket and dozer blade on the ground.
- If the excavator has been under heavy load, do not switch off engine immediately. Move the throttle to the forward position and allow the engine to tick over for a few minutes to cool down.
- Turn the ignition key to the off position.
- Remember to remove the key.

Please store this leaflet safely. It may be required for further information



STARTING

- Make sure that nobody is within the work area of the excavator.
- Lower the bucket and dozer blade carefully even if the engine is off.
- Set all hydraulic controls to their neutral (dipping), move the throttle to its forward position and insert the ignition key.
- For a cold start turn the key to the preheater position (H) for 10 seconds, note the indicator light will illuminate while the key is switched on and the engine is not running. Now turn the key to the start position (I), to engage the starter motor, for about 5 seconds.
- If the engine fails to start, turn the key off for a few seconds then repeat the preheater cycle.
- In warm temperatures or if the engine is warm turn the key straight to the start position (I).
- When the engine fires, release the key, allow the engine to warm up at idle speed for five minutes.

JCB 801 MINI EXCAVATOR

- Check your machine, engine, tracks, bucket and all equipment. Do not use anything found damaged – contact the hire company.
- Check the excavator over each time you use it. It will have been supplied in good condition and you must make sure that it has not been damaged or altered since then.
- Most excavators have a control-locking lever which disables the hydraulic controls. You must release any control lock to start work, and re-engage it when leaving the machine.
- When working on or near a public highway, you should operate the excavator's flashing amber beacon.
- Do not use the excavator as a crane. Contact the hire company if you need a crane.
- Do not use the bucket as a temporary work platform.

REFUELLING

- No smoking.
- If possible, drive the mini excavator to a safe place away from your work area.
- Stop the engine and let it cool down.
- Clean the filler cap and the area around it to prevent dirt falling into the diesel tank.
- Use clean diesel when refuelling. If you do not have a fuel pump use a funnel. If you do spill any diesel on yourself or the excavator.
- Wipe any fuel off the machine. Dispose of diesel soaked cloth carefully.
- If you spill any fuel on the ground, wipe it up or cover it with soil.
- If you spill any diesel on your clothes, change them straight away.
- Put all fuel caps back on properly and leave your fuel container in a safe, cool place.

CONTROL LEVER LOCK

- Do not enter or leave the cab unless the control levers are correctly locked. This is engaging the lock lever, depending on model.
- If you do not lock the control levers there is a serious risk of unexpected machine movement causing injury or damage, if you get in or out of the cab.

RIGHT HAND CONTROL: Boom; Bucket

The control lever operated by your right hand has four distinct operations. The service pedal has no effect on the operations of the right hand control.

Raise or lower the boom
Pull the right-hand control lever back towards you to raise the boom, push it forward away from you to lower the boom, release it to stop the boom.

Open or Close the bucket
Move right-hand control lever to the right to open the bucket, move it to the left to close the bucket, release it to stop the bucket.

DOZER CONTROL:
A single spring loaded control lever on the right side controls the dozer blade. The right hand control lever is used to raise the blade backwards. To lower the blade, push the lever forwards.

To allow the dozer blade to float over the contours of the ground, push and hold the lever down. Position for as long as you require float facility.

SAFETY

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