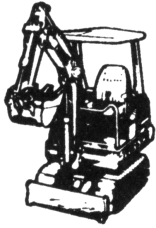




# Safety Instructions

THESE INSTRUCTIONS MUST BE READ BY THE OPERATOR  
BEFORE RUNNING THE EXCAVATOR.



## 7.2 Mini Excavators

- This equipment is designed to be operated by someone with normal ability. Persons with a disability or injury must assess whether their disability, when using the equipment, will affect their health and safety and the safety of others.
- It should only be operated by someone with experience of similar equipment.
- This equipment must not be used by anyone whose competence is impaired, for example by drink or drugs.

- 1 The excavator must be operated correctly according to the manufacturer's or owner's operating instructions which are available on request if required.
- 2 The driver should be properly trained in the safe operation of mini excavators.
- 3 Carry out service checks and adjustments at the start of each working day with the engine shut down and the boom lowered to the ground.
- 4 **DO NOT** work under the excavator when it is jacked up on its boom (or blade).
- 5 **CHECK** that all guards and covers are secure before starting. **NEVER** operate the excavator with missing guards or covers.
- 6 Only use buckets and attachments supplied by the Hire Company and operate them according to the manufacturer's instructions, which are available on request if required.
- 7 **CHECK** that all persons and animals are clear of the work area before starting and at all times during the work.
- 8 Before starting check for the presence of underground cables and pipes and/or seek advice if necessary. **DO NOT** use the excavator to dig directly above these services, only use hand tools.
- 9 Only start and operate the machine when sitting in the seat.
- 10 Before starting to excavate lower the dozer blades to the ground to give stability.
- 11 If the machine is fitted with stabilisers always lower them into position before work starts, lifting the wheels off the ground.
- 12 Familiarise yourself with the controls in an open space before starting work. **WARNING**, the track drive controls are reversed when facing backwards.
- 13 **DO NOT** use maximum engine speed until completely familiar with all controls.
- 14 **DO NOT** carry passengers on the excavator.
- 15 **DO NOT** use the excavator beneath overhead electric cables unless there is adequate clearance with the boom in its highest position.
- 16 If trenches are to be excavated then it is likely that these will need support if they are more than 1.2 metres deep.
- 17 **DO NOT** force the excavator beyond its capacity. This can cause the machine to become unstable.
- 18 Take care when operating in the fully offset position, the machine is less stable.
- 19 Extreme care should be taken when operating across a slope. Travel straight up and down if possible and keep the bucket as low as possible.
- 20 **DO NOT** move forward over a trench when digging always move back and away from it.
- 21 When loading another vehicle the driver of that vehicle should dismount and stand well clear.
- 22 **DO NOT** use a bucket to drive in posts or piles etc.
- 23 **DO NOT** stand or work under a raised boom.
- 24 **DO NOT** sling a load from the boom or bucket unless it is fitted with the correct safety crane hook and is marked with a "Safe Working Load", for example "SWL 500kg".
- 25 Any person slinging loads should know about safe slinging practices.
- 26 Only use suitable lifting gear that has been inspected and marked with its SWL.
- 27 **DO NOT** lift a load that is heavier than the safe working load.

28 **DO NOT** travel with the boom and dipper raised and extended. Always fold tight into the machine.

29 **DO NOT** cross kerbs and other obstructions at an angle. Keep the bucket as low as possible.

#### The Petrol or Diesel Engine

30 **DO NOT** smoke when refuelling. **NEVER** refuel with the engine running.

31 Replace the fuel caps securely on the engine and fuel container. Wipe up any spillage immediately.

32 Fuel containers should be in good condition and leak proof.

33 **DO NOT** use the excavator in a hazardous or explosive atmosphere, or where fuel has been spilt.

34 **DO NOT** operate the excavator in a badly ventilated or area where exhaust fumes can build up.

35 If the machine has to be used in an enclosed area ducting may be used to discharge exhaust fumes to a safe place.

36 **Check** that there is no combustible material lying on or against the exhaust system.  
The exhaust pipe and silencer get very hot.

37 In the event of a leak of fuel or oil developing, switch the machine off **IMMEDIATELY**.

38 **IF WARNING LIGHTS SHOW OR GAUGES REGISTER OUTSIDE NORMAL LIMITS, SWITCH OFF THE ENGINE.**

39 **DO NOT** top up with coolant while the engine is running. **ALLOW** the radiator to cool before removing the radiator cap and topping up.

40 When noise levels are uncomfortably high over 80dB(A), it is advisable to wear hearing protectors.

41 If higher noise levels occur regularly when it is necessary to shout to be heard, (85dB(A) and above) the law requires that hearing protectors must be worn.

42 Before stopping the engine and leaving the seat, lower the bucket (and blade) to the ground.

43 If the machine is fitted with tracks, park on timbers in freezing weather to prevent the tracks from freezing to the ground.

44 **DO NOT** attempt repairs. Contact the Hire Company.



The UK's Leading Association for Plant & Equipment Hire Professionals

CPA. 27/28 Newbury Street, Barbican, London EC1A 7HU

Tel: 020 7796 3366 Fax: 020 7796 3399

Email: [enquiries@cpa.uk.net](mailto:enquiries@cpa.uk.net) [www.cpa.uk.net](http://www.cpa.uk.net)

This leaflet is one in a comprehensive series of equipment safety instructions available from the CPA