

1903 Safety Guidance



Using the Mini Excavator

- Be aware of what is happening all around. Do not assume that other persons or obstacles will move out of the way
- Stay within the cab until parked up properly. Do not lean out to move obstacles or give assistance.
- Watch out for hazardous areas such as soft ground, trenches or overhead obstacles.
- Be careful on slopes avoid turning on them if possible.
- If there is any possibility of a power cable or gas pipe in the area where digging is to occur, do not dig with the excavator.
- Use a cable avoidance tool to locate the metal pipes and cables. Contact the hire company if you require such a tool.
- If any pipe or cable is damaged, the repair bill may have to be paid by you.
- If a trench is going to be more than 1 metre deep it should be properly supported with trench props to prevent it collapsing. Contact the hire company who will be able to supply any additional equipment required.
- Never move the excavator adjacent to any trench where men are working.
- If an open vehicle, such as a dumper, is being loaded then the driver must not be seated and should move a safe distance away
- All open trenches and excavations must be cordoned off and warning signs erected.
- Take care not to drive forward over a trench; always move back and away from the trench.
- Use the dozer blade, not the side of the bucket to fill trenches. 13.
- Do not force the excavator to do more than it is capable of. This can cause it to become unstable. 14. ake time and work steadily, the job will be done better and safer.
- At night in public places, the work area must be lit. The hire company will be able to supply any additional equipment required.
- Always stop on firm level ground away from the work area and other traffic.
- In freezing conditions, park the excavator on timbers to prevent the tracks becoming frozen.
- Lower the bucket and dozer blade, stop the machine, apply the parking brake and remove the key
- 19. If the equipment does not work properly, do not attempt to repair it. Contact the hire company.

Please keep this leaflet safely as it may be required for future reference







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The Crescent









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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 Mini Excavator

- Plan work and think ahead to ensure work will always be carried out safely.
- Diesel fuel is highly flammable. Take care not cause a fire or explosion
- The mini excavator is designed for digging trenches and larger excavations. It is also used for loading earth-moving vehicles
- The action of the mini excavator can cause injury or damage if the equipment is not used in a careful and controlled way.
- Do not drive this excavator unless you have previous experience or have had 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 most construction sites. Training to achieve a CTA is available from CITB appointed bodies.
- Do not attempt to load or unload the machine from a truck or trailer unless fully experienced
- The following items of personal protective equipment is the minimum required: Ear Muffs or plugs giving protection at the ear of levels up to 85dB(A); safety helmet; safety boots; high visibility vest or similar reflective garment.
- The excavator must not be used by minors or by anyone under the influence of drugs or
- The excavator is designed for operation by an able bodied adult. Anyone with either a temporary or permanent disability must seek expert advice before using the machine.

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- 4. Hemember to remove the key. monisod no em or Close the throttle fully and turn the ignition key
- tor a tew minutes to cool down. throttle and allow the engine to tick over do not switch on engine immediately. Reduce
- Set the bucket and dozer blade on the

STOPPING THE ENGINE

- It any fuel is split on the ground, wipe it up or turn the key to the start position.
- In warm temperatures or it the engine is warm few seconds then repeat the preheater cycle. If the engine fails to start turn the key off for a
- position to engage the starter motor for about position for 10 seconds, then turn to the start For a cold start turn the key to the preheater insert the ignition key.
- move the throttle to its middle setting and Set all hydraulic controls to neutral position, Fasten the seat belt if one is provided.
- EUSULE NO OUE IS WITH THE WORK AREA OF THE

STARTING THE MACHINE

- fuel container in a safe, cool place. Replace all fuel caps properly and leave the If any diesel is spilt on clothes, change them
- It any fuel is split on the ground, wipe it up or
- the diesel soaked cloth carefully. Wipe any spilt fuel off the machine. Dispose of
- a fuel pump available use a funnel. Do not spill any diesel on yourself or the excavator. Use clean diesel when refuelling. If there is not Clean the filler cap and the area around it to prevent dirt falling into the diesel tank.

- Stop the engine and let it cool down. 3. place away from the work area. If possible, drive the mini excavator to a safe
- . Ио ѕтокіпд.

REFUELLING

- If in any doubt regarding the insurance cover, check with the hire company or insurer
- normal insurance policies will give in a nignway accident, it is unlikely that In addition, be aware that if damage is caused to property belonging to a third party or if
- Some nire companies will offer insurance cover
- against theft or vandalism. However the machine must always be secured
- the sale custody of the machine. The hire company must be indemnified against loss or unreasonable damage such as vandallam. The best way to achieve this is by insurance. Under the terms of hire, you are responsible for

INSURANCE

- тво, тое епестот гое измет сопиотя мін арреац Remember when moving with the cab rotated
- throttle, drive into a clear area and carefully practice all control movements and machine actions until familiar with them. 10. Before starting work let the engine run at part
- WHICH IS WHICH. before starting the engine. Don't forget the control levers may not be in exactly the same position as other machines. Ensure you know which is which









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It you have not driven this type of excavator иелег том апутліпд мітл тлія таспіпе.

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- Mever carry passengers on any part of the
- Do not use the bucket as a temporary work Do not use the excavator as a crane.
- the flashing amber beacon on the excavator When working on or near a public highway,
- engage when leaving the machine. able the hydraulic controls. The control lock at be released to commence work and re-Most excavators have control locks which
- have been supplied in good condition and ready to use by the hire company ensure that it has not been damaged or altered in any way since then
- Check the excavator each time it is used. It will
- Check the machine, engine, tracks, bucket and all equipment. Do not use anything found to be damaged contact the hire company.

MINI EXCAVATOR

- protective equipment. Anyone who is working near the mini excavator naing the mini excavator.
- If fitted the seat belt must always be worn when
- A reflective vest or similar nign visibility garment the mini excavator.
- Safety Boots must be worn when working with machine on a construction site.

- A safety helmet must be worn when using the านเกษาเกาะ
- plugs giving hearing protection for this level as The equipment is likely to cause noise levels up to 88 dB (A) – wear appropriate ear muffs or a fixely and a serious factors. higher level of protection.
- Particular jobs or environment may require a The following items of personal protective equipment (PPE) are the minimum that should be worn whenever using the small dumper.

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- It the work area is complex or noisy, always across large gaps.
- forget that high-voltage electricity can jum the highest part of the raised skip. Do not Keep well away from any overhead power lines unless they are at least 5m (16th) above they are at 16th and 16th lines they are at 16th lines and 16th lines are at 16th lines and 16th lines and 16th lines are at 16th lines and 16th lines are at 16
- or anything else that may cause a hazard. Ensure there are no tree branches, scattolding damage me nacks.
- holes and trenches or objects that may Check the work area for soft ground, slopes,
- the area where the dig is to take place. cables, gas or water pipes or other services in Check there are no underground pow
- must have an appropriate driving licence unless the machine is insured and complies with road traffic regulations. In addition, you Never operate on any public road or highway
- ventilation will almost always be required. been tully assessed. Mechanical extraction suitability and the ventilation required has and only use it in other indoor situations if its sisoning. Mever use it in domestic premis spaces could cause fatal carbon monoxide Using this equipment indoors or in confined
- betrol or gas cylinders. danger of explosion. It will ignite fumes from no uot nze tue mini digger where there is a

MORK AREA Before Starting Work

