ANDARA TOOLS AND

# **Using the Floor Grinder**

### All protective equipment must be worn including ear defenders and goggles.

- The floor grinder must always be gripped correctly with two hands while working.
- The machine must be running at full speed before lowering the abrasives carefully onto the
- When grinding or scouring, the grinder must be moved over the floor in a circular scything motion. If using wire brushes the machine should be pulled backwards, taking care not to trip This will avoid compacting the loosened surface debris by not walking over it.
- Care must be taken not to damage any finished floor surfaces by operating the machine while moving to the work area and positioning the floor grinder.
- If the machine starts to labour, reduce the depth of cut and make two passes.
- While working, a lookout must be kept for any obstructions on the path of the grinder, stop the grinder and clear them out of the way.
- As the abrasives wear the tilting handle must be adjusted to maintain a level contact between 8. the abrasives and floor.
- Do not adjust the tilting handle in an effort to increase the pressure onto the floor. This will not do the job faster but will wear out the abrasive attachments much quicker.
- 10. Periodically check, and tighten the wedges as necessary.
- The engine must be stopped if the abrasive attachments need to be changed or adjustments need to be made
- Watch out for signs that vibration may be affecting the hands. If the fingers begin to tingle or feel numb a short break must be taken from the work. The fingers must be exercised to encourage blood circulation.
- To help prevent vibration affecting the hands, the machine should be operated for shorter periods. Hands should be kept warm - gloves can be worn to help do this.
- Stop the engine if leaving the machine unattended.
- 15. 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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turned off.







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## To stop the engine, the throttle lever should be closed, and the fuel tap should be so the engine is idling. As the engine warms up the choke lever should be opened. If the engine has started adjust the throttle so that it recoils correctly. The cord should be guided back into place be pulled too far or it may break engaged with the engine, it should then be pulled quickly and strongly. It should not The starter cord should be pulled slowly until it is apparent that the starter has

- The drive unit should be held firmly so that it will not move when the starter is pulled. The throttle control should be opened a The fuel and oil levels should be checked.
- If the hire company has given special instructions, follow them, if not follow the instructions below

### THE ENGINE STARTING AND STOPPING

- All fuel caps should be put back on properly and the fuel moved to a safe, cool place. Any clothes with fuel spilled on them should be changed straight away. be wiped up or covered up with soil It any fuel is spilled on the ground, it should
- The fuel soaked cloth should be dispose tuel on people or the machine.

  Any fuel should be wiped off the machine.
- A funnel should be used and clean petrol when refueling. Take care not to spill any field an asset of the property.
- area around it to prevent dirt falling into the The filter cap should be cleaned and the away from the work area.
- If possible the machine should be moved
- The engine must be stopped and allowed No smoking. REPUELLING

## machine should be periodically stopped and checked, and the wedges tightened as

- wedges may gradually become loose. The 11. Whilst the work is being carried out, the
- machine to ensure the abrasives are resting evenly on the floor. The machine is Rotate the tilting handle to adjust the
- Lift the handle to stand the machine
- nardwood wedges supplied by the hire Do not use any other wedge except those
- If a hardwood edge is damaged or worn, do not use it, replace it.
- Do not use a different abrasive attachment on each housing or disc; always use the same abrasive throughout. of the machine and the housing. Hammer each wedge firmly home.
- inserting a hardwood wedge between the side of the stone or box nearest the centre Each one should be secured in turn by the appropriate housing.
- replacement abrasive snould be placed in The old attachments should be removed by knocking out the hardwood wedge, each
- fit the replacements attachments. note how they fit so that it is known how to Before changing the abrasive attachments
- that hold the abrasive attachments rests on the ground, to show the two discs Make sure the engine is stopped and safe. Tilt the machine back, so that the handle sets on the ground to show the two discen-

## CHECKING AND CHANGING THE











# Floor Grinder

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** using the Floor Grinder

- 1. Petrol is highly flammable. Take care not to cause a fire or explosion.
- This floor grinder is designed for grinding concrete surfaces, removing loose surface material or ridges, preparing the surface for painting; it can also be used for removal of dry grease or paint. The appropriate attachments must be used.
- The action of this floor grinder can cause injury or damage if the machine is not used in a careful and controlled way
- If the operator has not used a floor grinder before, they should familiarise themselves with the machine on some straightforward work before starting on the main task.
- The work must be planned and thought out to ensure it will always be carried out safely.
- The following items of personal protective equipment must be worn as a minimum:

Impact resistant goggles: EN166 - B or BS2092 grade 1;

Dust mask - a minimum of EN149FFP3(s) protection;

Ear muffs or plugs giving protection for levels up to 102 dB(A): Safety boots to EN345 or BS1870/4972:

Overalls and gloves.

- This machine must not be used by minors, or anyone under the influence of drugs or alcohol.
- This floor grinder is designed for operation by an able-bodied adult. Anyone with either temporary or permanent disability must seek expert advice before using it.













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same abrasive inroughout. on each housing or disc; always use the Do not use different abrasive attachments

Each abrasive attachment is neid in by a

and can be easily interchanged, one with attachments are the same size and sha grinding stone; a box containing scouring wheels; or a wire brush. The abrasive These abrasive attachments can be a the disc.

attachments located concentrically around сувидеврје three There are two discs that rotate on the underside of the floor grinder. Each disc

### **ABRASIVE ATTACHMENTS**

known how to stop it. before the machine is started it must be All of the controls must be understood. working.

be worn to keep the hands warm whilst Delote starting the work and gloves must Vibration from using this floor grinder can be hazardous. Hands must be hazardous. and for the job by the hire company.

attachments must be used for the machine lamaged – contact the hire company.

Only the correct type of abrasive the the machine. Check the machine, engine, and all equipment. Do not use anything found

### **LLOOR GRINDER**

to wear appropriate personal protective People working nearby will also be required nuo sinegen uce

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1(2/6t/0/8LSB):

- Safety boots must be worn (EN345 or that may cause dust. ection) when material is being planed
- An appropriate dust mask must be worn (with a minimum of EN149 FFP3(S) loor grinder is being operated. Impact resistant goggles must be worn (EN166 -B or BS2092 grade 1) when this
- muffs or plugs must be worn giving hearing protection for this level as a minimum. This equipment is likely to cause noise levels up to 102dB(A)-appropriate ear
- require a higher level of protection. used. Particular jobs or environments may eyonid be worn whenever the machine is
- The following items of personal protective equipment (ppe) are the minimum that **SHOTARING**

- The machine may damage pipes or cables laid just beneath the surface. damping down the surface to be worked on will help control dust.
- collection will be more efficient.
- collection system then the machine should be operated with a dry surface. The dust It the machine has a vacuum dust barriers around the work area.
- Protect people from the noise, debris and dust. Warn people to keep away, put distractions.
- nd that no-one is nearby and there are no Make sure that the area is clear and safe will almost always be required.
- ssed. Mechanical extraction ventilation required domestic premises and only use it in other confined spaces could cause **fatal** carbon monoxide poisoning. **Mever** use it in dependent of the spaces and sell-use if it also also and an arrange of the spaces. Using this equipment indoors or in rom petrol, or gas cylinders.
- Do not use this machine where there is a danger of explosion. It will ignite fumes from petrol or ass cylinders

**WORK AREA** 















