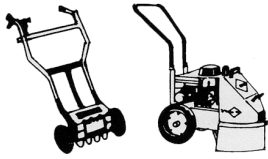




Safety Instructions

THESE INSTRUCTIONS MUST BE READ BY THE USER BEFORE OPERATING THE MACHINE.



5.3 Floor Scabblers, Grinders & Planners

- 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.

Used for keying, texturing, reducing levels and cleaning concrete floors etc.

- 1 These machines must be operated correctly according to the manufacturer's or owner's operating instructions, which are available on request if required.
- 2 **CHECK** that guards are secure. **NEVER** operate the machine with missing or defective guards.
- 3 **CHECK** that all persons and animals are clear of the work area.
- 4 **CHECK** that long hair or clothing cannot get caught up in the rotating parts of the machine.
- 5 **CHECK** before starting that the bits, grinders or cutters are clear of the work surface.
- 6 Wear personal protective equipment as conditions determine; gloves, safety goggles and boots with steel toecaps are usually necessary.
- 7 A dust mask will frequently be necessary and in poorly ventilated areas dust extraction equipment might be necessary. Masonry, concrete and stone dust can give rise to silicosis.
- 8 Other actions might also be necessary to prevent airborne dust being carried into the surrounding area, such as damping down with water sprays etc.
- 9 When noise levels are uncomfortably high over 80dB(A), it is advisable to wear hearing protectors.
- 10 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.
- 11 **DO NOT** leave the machine unattended without switching off the power or stopping the engine.
- 12 Stop the machine and isolate the power before making any adjustments.
- 13 The Hire Company will fit the appropriate bits, grinders or cutters to suit the job. **DO NOT** change these without asking their advice.
- 14 **DO NOT** attempt repairs. Contact the Hire Company.

Machines with Petrol or Diesel Engines

- 15 Before starting an engine the operator should familiarise himself/herself on how to stop it.
- 16 **DO NOT** smoke when refuelling. **NEVER** refuel with the engine running.
- 17 Replace the fuel caps securely on the engine and fuel container. Wipe up any spillage immediately.
- 18 Fuel containers should be in good condition and leak proof.
- 19 **DO NOT** use the machine in a hazardous or explosive atmosphere, or where fuel has been spilt.
- 20 **DO NOT** run the machine in a badly ventilated area or where exhaust fumes can sink into basements or excavations.
- 21 If the machine has to be used in an enclosed area, fan assisted ventilation must be considered.
- 22 **CHECK** that there is no combustible material lying on or against the exhaust system. The exhaust pipe and silencer get very hot.
- 23 In the event of a leak of fuel or oil developing, switch the engine off immediately.

Machines with Electric Motors

- 24 **CHECK** that the voltage of the supply is correct. The machine will be either 110 volts, 230 volts or 380 volts 3 phase.
- 25 The use of a low voltage machine at 110V (CTE) will effectively eliminate the risk of death and greatly reduce the degree of injury from an electric fault.
- 26 **DO NOT** use domestic plugs and sockets on construction sites, they are not robust enough.

- 27** When using 230V or 380V 3 phase equipment, the risk of injury or death from electric shock is unacceptably high unless the following precautions are taken:
- a) Use RCD power breakers at the supply socket to give protection for both the equipment and its power cable.
 - b) The RCD should be protected from dust, wet weather, mechanical damage and vibration.
 - c) Position power cables where they are less likely to be damaged.
 - d) The equipment cables and RCDs should be checked every day (or every shift) using the following as a guide:
 - **CHECK** that bare wires are not visible
 - Make sure that cables are not damaged and free from cuts and abrasions (apart from light scuffing)
 - **CHECK** that the plug is in good condition, the casing is free from cracks, the pins are not bent or the socket is not blocked with debris or dirt
 - **ENSURE** that there are no taped or other non-standard joints in the cable
 - **CHECK** that the cable covering has not been pulled out of the grips at the plug or equipment. (The coloured insulation of the internal wires should not be visible)
 - **CHECK** the outer casing of the equipment for damage and check for loose or missing parts or screws
 - Make sure that there are no overheating or burn marks on the plug, cable and equipment
 - **CHECK** the operation of the RCD power breaker by operating the test button.
- 28** A machine using 110 volts should be checked weekly as in 27(d) above.
- 29** **CHECK** regularly that all ventilation grills or holes on motor housings are clear and free from dirt.
- 30** If the automatic cut-out operates, **ALLOW** the motor to cool before re-starting.
- 31** **DO NOT** use the machine in damp, wet or flammable conditions.
- 32** **DO NOT** disconnect a plug by pulling its cable.
- 33** **ALWAYS** switch off the power when the machine is not being used.

Machine with Compressed Air Motors

- 34** **CHECK** that hoses and couplings are not damaged. Failure can cause injuries.
- 35** Air hoses must be blown out before connecting to a pneumatic tool. Hold the open end securely and open the air cock **CAREFULLY**. A blocked hose can become an air gun.
- 36** **CHECK** that all couplings are secure. If a coupling parts the hose will 'whip'. **NEVER** attempt to catch and hold it down, turn off the air.
- 37** **DO NOT** carry the tool by its air hose.
- 38** When noise levels are uncomfortably high over 80dB(A), it is advisable to wear hearing protectors.
- 39** 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.
- 40** Only use compressed air for cleaning down equipment with extreme caution. Use eye protection and ear defenders.
- 41** **DO NOT** use compressed air to clean yourself and **DO NOT** direct it at another person.
- 42** **CHECK** that air pressure is released from the hose before disconnecting a coupling.



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 www.cpa.uk.net

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