



## These Instructions Must be Read by the User Before Operating the Floor Scabblers, Grinder or Planer

**These machines must be operated correctly according to the manufacturer's or owner's operating instructions which are available on request if required**

**CHECK** that guards are secure. NEVER operate the machine with missing or defective guards

**CHECK** that all persons and animals are clear of the work area

**CHECK** that long hair or clothing cannot get caught up in the rotating parts of the machine

**CHECK** before starting that the bits, grinders or cutters are clear of the work surface  
Wear personal protective equipment as conditions determine; gloves, safety goggles and boots with steel toe caps are usually necessary. 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. Other actions might also be necessary to prevent airborne dust being carried into the surrounding area, such as damping down with water sprays etc.

When noise levels are uncomfortably high at 85-89 dB(A) it is advisable to wear hearing protectors. At still higher noise levels, when it is necessary to shout to be heard, (at 90dB(A) and above) the law requires that hearing protectors must be worn

**DO NOT** leave the machine unattended without switching off the power or stopping the engine. Stop the machine and isolate the power before making any adjustments

The Hire Company will fit the appropriate bits, grinders or cutters to suit the job. **DO NOT** change these without asking their advice

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

### **MACHINES WITH PETROL OR DIESEL ENGINES**

Before starting an engine the operator should familiarise himself on how to stop it.

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

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

Fuel containers should be in good condition and leak proof.

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

**DO NOT** run the machine in a badly ventilated area or where exhaust fumes can sink into basements or excavations. If the machine has to be used in an enclosed area, fan assisted ventilation must be considered.

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

In the event of a leak of fuel or oil developing, switch the engine off immediately.

### **MACHINES WITH ELECTRIC MOTORS**

**CHECK** that the voltage of the supply is correct. The machine will be either 110 volts, 230 volts or 380 volts 3 phase.

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.

**DO NOT** use domestic plugs and sockets on construction sites, they are not robust enough.

**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.

A machine using 110 volts should be checked weekly as in 27 (d) above.

**CHECK** regularly that all ventilation grills or holes on motor housings are clear and free from dirt.

If the automatic cut-out operates, allow the motor to cool before re-starting.

**DO NOT** use the machine in damp, wet or flammable conditions.

**DO NOT** disconnect a plug by pulling its cable.

Always switch off the power when the machine is not being used.

### **MACHINES WITH COMPRESSED AIR MOTORS**

**CHECK** that hoses and couplings are not damaged. Failure can cause injuries.

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.

**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.

**DO NOT** carry the tool by its air hose.

When noise levels are uncomfortably high at 85-89 dB(A), it is advisable to wear hearing protectors.

At still higher noise levels, when it is necessary to shout to be heard, (90 dB(A) and above) the law requires that hearing protectors must be worn.

Only use compressed air for cleaning down equipment with extreme caution. Use eye protection and ear defenders.

**DO NOT** use compressed air to clean yourself and **DO NOT** direct it at another person.

**CHECK** that air pressure is released from the hose before disconnecting a coupling.