



Safety Instructions

THESE INSTRUCTIONS MUST BE READ BY THE USER BEFORE STARTING THE SANDER.



2.2 Floor & Edge Sanders

- 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 These sanders must be operated correctly according to the owner's or manufacturer's operating instructions, which are available on request if required.
- 2 Wear protective clothing. Safety goggles and facemask respirators are usually necessary. Hardwood dust can give rise to nasal cancer.
- 3 When noise levels are uncomfortably high over 80dB(A), it is advisable to wear hearing protectors.
- 4 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.
- 5 **DO NOT** work in a badly ventilated room. Open the windows.
- 6 **CHECK** that the power is disconnected before making adjustments and fitting or replacing the abrasive sheets, belt or disc.
- 7 **CHECK** before starting work that protruding nails, screws etc are either removed or punched down below the surface and check that floorboards are secure.
- 8 **DO NOT** use the electrical equipment in damp, wet or flammable conditions.
- 9 **DO NOT** carry the machine with the finger on the operating trigger or button.
- 10 **DO NOT** carry the machine by its cable or disconnect a plug by pulling its cable.
- 11 Keep the fingers away from switches or triggers until ready to commence work.
- 12 **DO NOT** smoke while operating the machine.
- 13 Empty the dust bag regularly and when leaving the machine unattended. Mixtures of wood dust, varnish paint, oils etc can cause spontaneous combustion.
- 14 **DO NOT** empty the contents of the bag in an open fire.
- 15 **CHECK** regularly that all ventilation grills or holes on motor housings are clear and free from dirt.
- 16 If the automatic cut-out operates, **ALLOW** the motor to cool before re-starting.
- 17 **STOP** the machine immediately if damage is suspected to the abrasive sheet, belt or disc or to the machine itself.
- 18 **STOP WORK IMMEDIATELY** if the cable is damaged by the machine and switch off the power. The cable must be replaced by the Hire Company.
- 19 **DO NOT** expose the machine to rain. Store undercover when not in use.

The Electrical Supply

- 20 **CHECK** that the voltage of the supply is correct. The sander will be either 110 volts or 230 volts.
- 21 The use of low voltage sanders at 110V (CTE) will effectively eliminate the risk of death and greatly reduce the degree of injury from an electric fault.
- 22 Use a sander with the lowest possible voltage to suit the job.
- 23 **DO NOT** use domestic plugs and sockets on construction sites, they are not robust enough.
- 24 When using 230V 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 chasing machine 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.

25 Equipment using 110 volts should be checked weekly as in 24(d) above.

26 DO NOT attempt a repair to the equipment or power cable. Contact the Hire Company.



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