



Floor and Edge Sanders



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

- 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 face mask respirator are usually necessary. Hardwood dust can give rise to nasal cancer.
- 3 When noise levels are uncomfortably high at 85-89 dB(A), it is advisable to wear ear protectors.
- 4 At still higher levels, when it is necessary to shout to be heard (at 90 dB(A) and above), the law requires that ear 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 of 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 or 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.

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

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



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