



0410 Safety Guidance

ANDARA TOOLS AND

# **Using the Floor Sander**

- Wear your protective equipment including ear defenders, dust mask and goggles.
- Tilt the floor sander onto its back edge before switching it on.
- Let the floor sander run up to full speed before lowering it carefully back onto the surface. Be prepared for the reactive force when the sanding sheet contacts the floor surface.
- Keep the floor sander moving across the floor all the time it is running, do not let it stand still, it may cause grooves in the floor.
- Let the weight of the floor sander do the work. Any extra pressure will overload the machine and may cause grooves in the floor.
- Keep the cable clear do not let the machine run over it.
- If you think the cable may be cut or damaged in any way, switch off and unplug at the socket before inspecting it. If the cable attached to the floor sander is damaged, stop using the machine. Contact the hire company. If an extension cable has been damaged, do not use it again.
- Take care not to accidentally pull the plug from the socket.
- Watch out for signs that vibration may be affecting your hands. If your fingers start to tingle or feel numb, take a short break from using the machine. Exercise your fingers to encourage blood circulation. Find out more about vibration. Ask the hire company for a copy of the HAE leaflet no. 2150 - Hand-arm vibration or www.hse.gov.uk/vibration
- To help prevent vibration affecting your hands, operate the machine for shorter periods. Keep your hands warm - wearing gloves may help do this.
- Tilt the floor sander onto its back edge again before switching off and wait for it to stop completely before standing it on its base.
- 12. Make sure that any ventilation slots in the floor sander do not get blocked with sawdust.
- 13. Switch off and remove the plug from the socket before leaving the floor sander unattended.
- 14. If your equipment does not work properly do not attempt to repair it. Contact the hire
- 15. You may want to read this leaflet again. Please keep it until you finish work.















The HCD.

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extension cable > 1100r sander. 230v: Wall socket > RCD > any necessary necessary extension cable > floor sander. 110V: Wall socket > transformer > any Summary:

connections are dry and sare. 5. Make sure that any extension cable conid catch fire.

be trapped, and places where vehicles might run over it. Unroll it fully or it will overheat and ages, acorways or windows where it might 4. Lay it out carefully avoiding liquids, sharp

than 50 metres (160 feet). Plug it directly into any special instructions, you should only use a suitably rated heavy duty one, not longer any special instructions given by the hire company. If the hire company has not given 3. If you need to use an extension cable, rollow

RCD according to the instructions supplied working each time you use it. Reset the 2. Use the "TEST" button to check that the RCD

machine gets damaged. you against electric shock if the cable or machine into the RCD. This will help to protect 1. Use a residual current device (RCD) plugged directly in to the 230volt socket. Plug your

### (SQUARE PIN OR BLUE PLUG) **230 VOLT MACHINES**

ctions are dry and safe.

4 Make sure that any extension cable overneat and could catch life. ehicles might run over it. Unroll it fully or it will liquids, sharp edges, doorways or windows where it might be trapped, and places where

3. Lay the extension cable out carefully avoiding

between the transformer and the machine. You must only use an extension cable company. If the hire company has not given any special instructions, you should only use as utilably rated heavy duty 110v extension cable, not longer than 50 metres (160 feel). You must only use an extension sable any special instructions given by the nire 2. If you need to use an extension able, follow socket. Do not use any 230v extension cables. 1. If you are using a portable transformer, plug the transformer directly into the 230 volt

# 110 VOLT MACHINES (YELLOW PLUG)

square pin plug fitted, or a blue industrial plug. Read the instructions below for your machine. fitted. 230v machines will have either a normal 110v machines will have a yellow industrial plug

## ELECTRICAL SAFETY

it may explode. Do not empty the sawdust bag onto a fire sawdust is highly flammable.

Empty the dust bag when it is half full or when you stop work. Remember the

replace the sanding sheet. Check the drum for damage every time you

Make sure you use the correct type of

Switch off and remove the plug from the socket before making adjustments or

## SANDING SHEETS AND DUSTBAG

inder know now to stop it.

before you switch the floor sander on, you Check on how the on/off switch operates -





# Floor Sander

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** you use the Floor Sander

- Electricity is dangerous and must always be used with great
- This floor sander is designed for levelling off large areas of floor and for cleaning and sanding wooden floors. You must use the appropriate sanding sheets. It is not designed for any other



- If you have not used a floor sander before, familiarise yourself with the machine on some straightforward work before you start on the main task
- Plan your work and think ahead to make sure you will always be working safely.
- You must have at least the following items of personal protective equipment: goggles: EN166 or BS2092; dust mask - a minimum of EN149 FFP3(s) protection; Safety boots to EN345 or BS1870/4972; industrial quality gloves; residual-current device (RCD) if using a 230 volt (mains) supply
- A personal first-aid kit should be available.
- This floor sander must not be used by minors, or by anyone under the influence of drugs
- This floor sander is designed for operation by an able bodied adult. Anyone with either temporary or permanent disability must seek expert advice before using it.
- Floor sanders are heavy machines, get help if you have to unload it from your vehicle. Do













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## www.nse.gov.uk/vibration

no. 2150 - Hand-arm vibration or visit company for a copy of the HAE leaflet Find out more about vibration. Ask the hire your start work, and wear gloves to keep your hands warm while you are working. Eind out more about wibreiting Ask the bure be hazardous. Warm your hands up before Vibration from using this floor sander can

correctly with two hands while working. Always grip the handle of the floor sander in the correct position.

adjustable for height. Ensure it is secured The handle maybe adjustable to a working position or for transport or it may be

ritted, or a blue industrial plug. ave either a normal square pin plug designed to run directly from 230v mains eavier than you think. Floor sanders been supplied, take care not to injure yourself when moving it about - it may be 230v supply. If a portable transformer has to power the machine from a normal mains an 110v supply. The hire company will have provided a portable transformer if you need strial plug fitted are designed to run of Floor sanders with a cylindrical yellow

connections or improvise them. matches your supply. Do not try to force Check that the plug on your floor sander

not use the floor sander contact the hire dust bag. If anything is found damaged, do Check your machine, cables, plugs and

**FLOOR SANDER** 

### brotective equipment. need to wear identical personal Anybody who is working near to you will

You must wear industrial quality gloves. BS1870/4972).

You must wear safety boots (EN345 or material that causes dust.

mask (with a minimum of EN149:2001FFP3 protection) when you are in contact with You will need to wear an appropriate dust may require a higher level of protection.

should be worn whenever you use this machine. Particular jobs or environments equipment (PPE) are the minimum that The following items of personal protective

# **SHOTARIAN**

objects that may be damaged, or difficult to amount of dust - cover any surfaces or Sanding certain materials makes a large n mignt get wet. Do not use this sander in the rain or where

rubble, rubbish etc. Clear the area of trip hazards such as

with the work, enter the exclusion zone.

anyone, other than those directly assisting Work should stop immediately should

children and animals away when using this barriers, barrier tape and signs. the floor sander is being used with physical an exclusion zone around the area where Protect other people from the dust. Set up

and that no-one is near to you or could Make sure that the area is clear and safe

trom petrol, or gas cylinders. a danger of explosion. It will ignite fumes Do not use this floor sander where there is

**WORK AREA** 

WIII DE 110v or 230v. Your machine will only operate on one voltage: it

the sanding sheet.

Close and secure the covers after changing

sanding paper recommended by the nire

changing the sanding sheet.











