



Using the Breaker

1. Wear your protective equipment including ear defenders and goggles.
2. Do not switch on the breaker until the tool is on the work surface. Do not switch on if the tool has no load.
3. Keep the cable clear of the tool bit and any sharp edges on your work.
4. 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 breaker. Exercise your fingers to encourage blood circulation.
5. To help prevent vibration affecting your hands, operate the machine for shorter periods. Keep your hands warm - wearing gloves may help do this.
6. If you think the cable may be cut or damaged in any way, switch off and unplug at the mains before inspecting it. If the cable attached to the breaker is damaged, stop using the machine. Contact the hire company. If an extension cable has been damaged, do not use it again.
7. Take care not to accidentally pull the plug from the socket.
8. Switch off and remove the plug from the socket before leaving the breaker unattended.
9. If your equipment does not work properly do not attempt to repair it. Contact the hire company.
10. Switch off and remove the plug from the socket before leaving the breaker unattended.

Please keep this leaflet safely as it may be required for reference at a future date



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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 Breaker

1. Electricity is dangerous and must always be used with great care.
2. This heavy duty breaker is designed for breaking up roadwork, concrete and asphalt surfaces; and compacting, using the appropriate tools.
3. The action of this breaker can cause injury or damage if the machine is not used in a careful and controlled way.
4. If you have not used a breaker before, familiarise yourself with the machine on some straightforward work before you start on the main task.
5. Plan your work and think ahead to make sure you will always be working safely.
6. You must have at least the following items of personal protective equipment: goggles: impact resistant EN166 -B or B52092 grade 1; dust mask - a minimum of EN149 ffp2(s) protection; ear muffs or plugs giving protection for levels up to 102 dB(A); Safety boots to EN345 or B51870/4972; gloves; rcd if using a 230 volt (mains) supply.
7. This machine must not be used by minors, or by anyone under the influence of drugs or alcohol.
8. This breaker is designed for operation by an able bodied adult. Anyone with either temporary or permanent disability must seek expert advice before using it.



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230 VOLT MACHINES (SQUARE PIN OR BLUE PLUG)

1. Use a residual current device (rcd) plugged directly in to the 230volt socket. Plug your machine according to the instructions supplied with it.
2. Use the "TEST" button to check that the rcd is working each time you use it. Reset the rcd if or machine get damaged.
3. If you need an extension cable, follow any special instructions given by the hire company. If the company have not given any special instructions, you should only use a suitably rated heavy duty one, not longer than 50 metres (160 feet). Plug it directly into the rcd.
4. Lay it out carefully avoiding liquids, sharp edges, doorways or windows where it might be trapped, and places where vehicles might run over it. Unroll it fully or it will overheat and could catch fire.
5. Make sure that any extension cable connections are dry and safe.

110 VOLT MACHINES (YELLOW PLUG)

Read the instructions below for your machine. 230V machines will have either a normal square pin plug fitted, or a blue industrial plug. 110V machines will have a yellow industrial plug fitted. 230V machines will have either a normal square pin plug fitted, or a blue industrial plug. Do not use any 230v extension cables. If you need to use an extension cable, follow any special instructions given by the hire company. If the company have not given any special instructions, you should only use a suitably rated heavy duty 110v extension cable, not longer than 50 metres (160 feet). Plug it directly into the rcd.

TOOL BITS

1. Switch the breaker off, and unplug it before changing the tool bit.
2. The tool shank should be clean and lightly oiled before insertion into the breaker.
3. You must only use the correct tool bits specifically for this breaker. You must not use any other tool bits.

ELECTRICAL SAFETY

Your machine will only operate on one voltage: it will be 110v or 230v. 110V machines will have a yellow industrial plug fitted. 230V machines will have either a normal square pin plug fitted, or a blue industrial plug. Read the instructions below for your machine. 230V machines will have either a normal square pin plug fitted, or a blue industrial plug. Do not use any 230v extension cables. If you need to use an extension cable, follow any special instructions given by the hire company. If the company have not given any special instructions, you should only use a suitably rated heavy duty 110v extension cable, not longer than 50 metres (160 feet). Plug it directly into the rcd.

230 VOLT MACHINES (SQUARE PIN OR BLUE PLUG)

1. Use a residual current device (rcd) plugged directly in to the 230volt socket. Plug your machine according to the instructions supplied with it.
2. Use the "TEST" button to check that the rcd is working each time you use it. Reset the rcd if or machine get damaged.
3. If you need an extension cable, follow any special instructions given by the hire company. If the company have not given any special instructions, you should only use a suitably rated heavy duty one, not longer than 50 metres (160 feet). Plug it directly into the rcd.
4. Lay it out carefully avoiding liquids, sharp edges, doorways or windows where it might be trapped, and places where vehicles might run over it. Unroll it fully or it will overheat and could catch fire.
5. Make sure that any extension cable connections are dry and safe.

WORK AREA

1. Do not use this breaker where there is a danger of explosion. It will ignite fumes from petrol, or gas cylinders.
2. Make sure that the area is clear and safe and that no-one is near to you or could distract you.
3. Protect other people from the noise, debris and dust. Warn others to keep away, put barriers around your work area.
4. Check that there are no buried electric cables, gas or water pipes where you are working with this machine.
5. Breaking brick and masonry makes a large amount of dust and debris/covers any surfaces or objects that may be damaged, or difficult to clean.

OPERATORS

1. The following items of personal protective equipment (ppe) are the minimum that should be worn whenever you use this machine. Particular jobs or environments may require a higher level of protection.
2. You must wear impact resistant goggles (EN166 - B or B52092 grade 1) when you are working with this machine.
3. This equipment is likely to cause noise levels up to 102 dB(A) - wear appropriate ear muffs or plugs giving hearing protection for this level as a minimum.
4. You will need to wear an appropriate dustmask (with a minimum of EN149 ffp2(s) protection) when you are breaking hazardous. Warm your hands up before you start work, and wear gloves to keep your hands warm while you are working.
5. Vibration from using this breaker can be hazardous. Warm your hands up before you start work, and wear gloves to keep your hands warm while you are working.
6. Anybody who is working near to you will be 110v or 230v. 110V machines will have a yellow industrial plug fitted. 230V machines will have either a normal square pin plug fitted, or a blue industrial plug. Do not use any 230v extension cables. If you need to use an extension cable, follow any special instructions given by the hire company. If the company have not given any special instructions, you should only use a suitably rated heavy duty 110v extension cable, not longer than 50 metres (160 feet). Plug it directly into the rcd.

BREAKER

1. Check your machine, cables, plugs and tool bits. If anything is found damaged, do not use the breaker/contact the hire company.
2. Check that the plug on your machine matches your supply. Do not try to force connections or improvise them.
3. Machines with a cylindrical yellow industrial plug fitted are designed to run off a special 110v supply. The hire company will have provided a portable transformer if you need to power the machine from a normal mains 230v supply. If a portable transformer has been supplied, take care not to injure yourself when moving it about - it may be heavier than you think. Machines designed either a normal square pin plug fitted, or a blue industrial plug.
4. Always grip the breaker correctly with two hands while working.
5. Vibration from using this breaker can be hazardous. Warm your hands up before you start work, and wear gloves to keep your hands warm while you are working.
6. This breaker must only be used pointing down, on floors or roads.

Before Starting Work...

also need to wear appropriate personal protective equipment.