



Using the Abrasive Wheels

1. Wear your protective equipment including goggles, helmet and dust mask.
2. Check that the abrasive wheel is fitted correctly and securely, and that the guard is properly adjusted.
3. Do not use abrasive wheels on machines without the safety guards fitted. Regularly check that the guards and the abrasive wheel are still secure.
4. Do not use abrasive wheels to cut asbestos or materials containing asbestos.
5. Check that the abrasive wheel is clear of any obstruction before starting the machine. Let the wheel run up to speed before starting work. Be prepared for the reactive force when the wheel contacts the work surface.
6. Keep the wheel running at speed: if the machine starts to labour and slow down do not force it so hard. Firm but steady pressure keeping the wheel speed up will be more effective and safer than using aggressive force.
7. Abrasive wheels can only cut in straight lines. Do not try to go around corners.
8. Lift the abrasive wheel clear of the work before switching off, or stopping the engine.
9. Do not put the machine down until the wheel has completely stopped.
10. Do not slow the wheel deliberately by applying pressure to it while it is slowing down.
11. If your equipment does not work properly, do not attempt to repair it. Contact the hire company.
12. You may want to read this leaflet again. Please keep it until you finish work.

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 Abrasive Wheels

1. This leaflet should be read together with safety instructions applying to the machine you fit these wheels to.
2. You must be competent before you can mount abrasive wheels. This leaflet is no substitute for proper training.
3. Abrasive wheels are designed to grind, cut and smooth metal, concrete, stone and similar materials. You must use reinforced wheels of the correct grade for each job. The maker's label attached to the wheel will have BF or REINFORCED marked upon it. You must not use wheels that are not reinforced on any hand held machine.
4. The abrasive wheel rotates very fast and can cause injury or damage if the machine is not used in a careful and controlled way.
5. If you have not used abrasive wheels before, familiarise yourself with their correct fitting and use before you start on the main task. If you are not sure ask the hire company.
6. Plan your work and think ahead to make sure you will always be working safely.
7. You must have at least the following items of personal protective equipment: goggles: EN166 or BS2092; dust mask - a minimum of EN149 - 2001FFP3 protection; ear muffs or plugs giving protection for levels up to 89dB(A); Safety boots to EN345 or BS1870/4972; industrial gloves.
8. A personal first-aid kit should be available.
9. Machines that use abrasive wheels must not be used by minors, or by anyone under the influence of drugs or alcohol.
10. Machines that use abrasive wheels are designed for operation by an able bodied adult. Anyone with either temporary or permanent disability must seek expert advice before using them.



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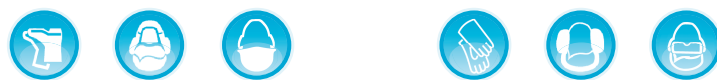
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1. Do not use abrasive wheels where there is a danger of explosion, sparks from grinding will ignite petrol, fuel vapour, and can ignite upholstery and other fabrics.
2. Make sure that the area is clear and safe and that no-one is near to you or could distract you. Warn others to keep away, put barriers around your work area.
3. Protect other people from the dust. Set up muffs or plugs giving hearing protection for this level as a minimum.
4. Hazardous. Warn your hands up before you start work, and wear industrial quality gloves to keep your hands warm while you are working. Find out more about the effects of vibration - Ask the hire company for a copy of the HAE leaflet no. 2150 - Hand-arm vibration or visit www.hse.gov.uk/vibration.
5. Anybody who is working near to you will also need to wear identical personal protective equipment.
6. Do not wear nylon clothing such as overalls; sparks from grinding may set it them on fire.
7. If you are using an abrasive cutting disc to cut into a floor or fixture check that there are no hidden electric cables, gas or water pipes where you are going to cut. Ask the hire company for HAE leaflet no. 1415 - cable location and signal generator.
8. Any work that is not part of a fixture should be securely clamped or held in a vice.
9. Cutting certain materials makes a large amount of dust - cover any surfaces or objects that may be damaged, or difficult to clean.
10. The following items of personal protective equipment (PPE) are the minimum that should be worn whenever you use this cut-off saw. Particular jobs or environments may require a higher level of protection.
11. You must wear goggles (EN166 or BS2092).
12. When you are working with this machine, this equipment is likely to cause noise levels up to 93 dB(A) - wear appropriate ear muffs.

1. Always check that the rotational speed marked on the wheel label is greater than the rotational speed marked on the wheel.
 2. Only fit abrasive wheels at your work area - do not transport the tool with the wheel fitted.
 3. Always switch off and remove the plug, or stop the engine, before changing or adjusting an abrasive wheel.
 4. Check the wheel for damage before starting to fit it. Do not use it if there is any sign of damage, such as cracks, or bits missing from the rim.
- ### SELECTING ABRASIVE WHEELS
1. You must not fit or change any abrasive wheel unless you are competent to do so.
 2. Only fit abrasive wheels at your work area - do not transport the tool with the wheel fitted.
 3. Always switch off and remove the plug, or stop the engine, before changing or adjusting an abrasive wheel.
 4. Check the wheel for damage before starting to fit it. Do not use it if there is any sign of damage, such as cracks, or bits missing from the rim.
- ### DISPOSING OF USED WHEELS CAREFULLY
1. Dispose of used wheels carefully.
 2. Do not use abrasive wheels to cut asbestos or materials containing asbestos.



Before Starting Work...

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WORK AREA