Unit 105: Protecting health, safety and the environment when working in the construction and built environment sector

# Worksheet 19: Power tools (tutor)

1. Power tools are a form of mechanisation that can speed up an activity on site. Look at the images below then identify the name of the tool and write a description of it.

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| **Image** | **Name of item** | **Description** |
| **p2834216_x** | Nail gun | Nail guns come in two forms: gas and battery, although the gas nail gun depends on battery power also. They are used to drive nails into the surface, saving on time, labour, damage and vibration. The nails come in strips and are inserted into the bottom of the guns and are fed up through the gun as each nail is fired. |
| **p4765792_x** | Hammer drill | This drill has a hammer effect which is used to bore holes into hard masonry products such as bricks, blocks, stone and concrete. The rotation action operated by a switch and is easy to discard. The still hammer action may be used when chasing walls. This drill also has a unique chuck which requires the drill bits to have a certain style of insert end. |
| **p4295094_x** | Percussion drill | This drill has a percussive hammer effect which enables it to bore into hard materials, such as bricks, blocks, stone and concrete. This percussive action is optional and is brought into operation by means of a switch. It can also drill free from percussion and be used to drill holes into materials such as timber, plastic or steel. |
| **p4763174_x** | Battery drill | The drill driver is highly versatile and can be used with different bits. They insert and remove screws, cut circular holes with a saw cutter, or buff and polish. Various designs of chuck are available for rapid interchange of bits. |