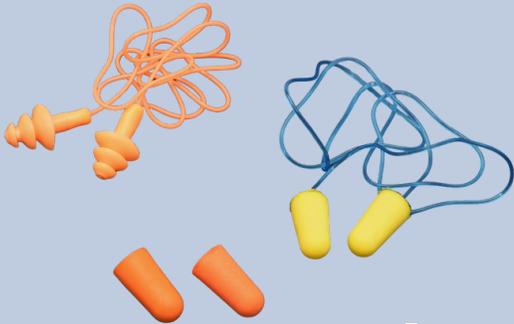




TOOL ID

Agricultural Mechanics



Ear Plugs

Common Name: Ear Plugs

Technical name: Hearing Protection Devices

Definition/description: A type of HPDs design to be placed in the ear or worn over the ear to reduce or block noise.

What it is used for: Ear plugs are worn to protect ears from loud noises, debris, dust, and water while working or operating tools and machinery.



Clamps

Common Name: Clamps

Definition/description: A device that holds two components securely together by applying pressure.

What it is used for:

Clamps hold different parts of a project together while adhesives dry, fasteners are applied, or to manipulate different parts of a project.



Pliers

Common Name: Pliers

Technical Name: Snips, Pincers

Definition/description: Pliers have two handles connected by a pivot and allowing use at one's own strength. The jaws, located at the end of the tool, come in various shapes and sizes to accommodate different tasks and projects.

What it is used for: A hand tool used to hold, grasp, or manipulate projects.

Source(s): <https://www.laborlawcenter.com/labor-law-posters>
<https://handymansworld.net/types-of-woodworking-clamps/>
<https://handymansworld.net/types-of-pliers/>
<https://toolsadvisers.com/what-is-the-definition-of-pliers/>



TOOL ID

Agricultural Mechanics



Common Name: Band Saw

Definition/description: A large saw that have a table and long serrated blade that continuously moves in a loop.

What it is used for: Band saws are used for ripping, resawing, cross-cutting, angled cutting, making relief cuts, and cutting curves, circles, and irregular shapes.



Common Name: Drill Press

Definition/description: A stationary tool with an adjustable table and motor driven vertical drill.

What it is used for:
A drill press is used in woodworking and metal working for depth and precision work by drilling a hole through various materials.



Common Name: Vise

Technical Name: Multi-Purpose Vise with Anvil Stand, Bench Vise, Woodworking Vise

Definition/description: A vise is a device that is attached to the base of a table or bench offering stability for a variety of tasks.

What it is used for: Vices are used to clamp both flat and round materials minimizing the risk of surface damage. Most vises are on a swivel base with a lock which allows accurate work on the project at hand.

Source(s): <https://handymansworld.net/bandsaw-uses/>
<https://handymansworld.net/how-to-use-drill-press/>
<https://handymansworld.net/how-to-use-a-drill-press-vise/>



TOOL ID

Agricultural Mechanics



Common Name: Power Sander, Handheld Sander

Definition/description: An electrical handheld device that rapidly applies the pressure of sandpaper to a project.

What it is used for: A power sander allows sharp edges or rough surfaces to be smoothed or rounded off for painting, varnish, or stain to be applied to a project. A power sander is designed for efficiency and productivity.



Common Name: Drill

Technical Name: Electric Power Drill, Portable Electric Drill

Definition/description: An electric handheld device that includes a rotating drill bit.

What it is used for:
A drill is used to bore holes or drive fasteners into different materials or projects.



Common Name: Miter Saw, Drop Saw

Technical Name: Miter Saw

Definition/description: A large construction saw that is often attached to a table that includes a fence and other measuring tools. The blade is typically mounted on a swing arm and moves in a continuous loop or circular motion.

What it is used for: A miter saw is used for construction based projects or tasks. A miter saw is used to make door frames, window casings, crown moldings, picture frames, and any object that requires cutting at an angle.

Source(s): <https://handymansworld.net/types-of-sanders/>
<https://handymansworld.net/types-of-drills/>
<https://handymansworld.net/reciprocating-saw-vs-miter-saw/>