

POWER EQUIPMENT OPERATION & MAINTENANCE

Drill Press

1. General safety - Safe Operations:

- Read All Instructions - failure to follow the safety rules listed below and other basic safety precautions may result in serious personal injury.

2. Work Area

- Keep children away
- Do not let visitors contact tool or extension cord. All visitors shall be kept away from work area.
- Do not use power tools in damp or wet locations.
- Keep work areas well lit.
- Do not expose power tools to rain.
- Do not use the tool in the presence of flammable fluids or gases.

3. Personal safety

- Know your power tool - Read and understand the owner's manual and labels affixed to the tool. Learn its application and limitations as well as the specific potential hazards peculiar to this tool.
- Don't overreach - Keep proper footing and balance at all times.
- Watch what you are at all times doing.
- Dress properly -do not wear loose clothing or jewelry; they can be caught in moving parts. Rubber gloves and non-skid footwear is recommended when working outdoors. Wear protective hair covering to contain long hair.
- Disconnect tools from power source when not in use, before servicing, when changing wheels etc.
- Keep guards in place, in working order, and in proper adjustment and alignment.
- Remove adjusting keys and wrenches when not in use, before servicing, and when changing wheels.
- Ensure the switch is in the "off" position before plugging in tool.
- Never stand on tool or its stand.
- Check damaged parts for damaged parts before operating the tool.
- Only trained repairmen should attempt all repairs, electrical or mechanical.
- Don't leave tool until it comes to a complete stop.
- Do not operate electric tools in gaseous or explosive atmosphere.
- Keep handles dry, clean and free from oil and grease.
- Before connecting the tool to a power source (receptacle, outlet), be sure voltage supplied is the same as that specified on the nameplate of the tool
- Use the drill press in a well-lit area and on a level face, clean and smooth enough to reduce the risk of trips and falls.
- Never place your fingers in a position where they could contact the drill bit or other cutting tool parts.
- Always support work piece so it won't shift or bind on the tool.
- Always position backup material underneath the work piece.
- Whenever possible, position the work piece to contact the left side of the column.
- When using a drill press vise, always fasten to the table.
- Never do any work "free hand". (Hand holding a work piece rather than supporting it on the table)
- Never move the head or table support while the tool is running.

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- Before starting the operation, jog the motor switch to make sure the drill bit or other cutting tools do not wobble or cause vibration.
- If a work piece overhangs the table, such that it will fall or tip if not held, clamp it to the table or provide auxiliary support.
- Use fixtures for unusual operations to adequately hold, guide and position the work piece.
- Use the spindle speed recommended for the specific operation and work piece material.
- Never climb on the drill press table; it could break or pull the entire drill press down on you.
- Turn the motor switch off and unplug from the power source when not in operation.
- To avoid injury from thrown work or tool contact, do not perform layout, assembly, or setup work on the table while the cutting tool is rotating.

Date