WEN vertical Drill Press

Drill Press
Tool Type: Drill press
Location: Elings 2442
Description: Vertical manual drill press
Manufacturer: WEN

About

This vertical drill press is one of the largest upright tools in the Innovations Workshop. It has a speed control lever on the left side of the head, and a vertical quill feed on the right. The chuck key is located on the right side of the head and should be replaced after use to avoid mixing chuck keys.

Safety Concerns

- Safety glasses, closed toe shoes, and long pants must be warn when operating the machine
- Metal chips can be incredibly sharp, do not touch any chips directly instead using an acid brush to remove chips
- Do not inhale any fumes resulting from drilling using oil
- Do NOT wear gloves during operation of machine
- Do not touch tool or spindle until the machine has stopped completely

Training Documentation

Drill Press SOP

Detailed Specifications

- Spindle Speed Range: 280-3,100 RPM (740-3,100 on main pulley)
- Quill extension length: 4 3/8“
- Max Drill Bit Diameter:16 mm
- Max Work piece Height: 44”

Reference Documentation

coe_student_machine_shop_safety_handout.pdf
coe_drill_press_sop.docx

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