

# WEN vertical Drill Press

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Tool Type: "Vertical Milling Machine"

Location: "Innovations Workshop"

Supervisor	Tool Lead
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Description: "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.

## 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"

## Safety Concerns

- Safety glasses, close toe shoes, and long pants must be worn 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

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## Operating Procedures

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## Reference Documentation

[coe\\_student\\_machine\\_shop\\_safety\\_handout.pdf](#)  
[coe\\_drill\\_press\\_sop.docx](#)

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## Training Documentation

[Drill Press SOP](#)

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