

# ShopBot Desktop CNC Router



<b>ShopBot Desktop CNC Router</b>	
<b>Tool Type:</b> "CNC Router"	
<b>Location:</b> "Innovations Workshop"	
Supervisor	Tool Lead
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<b>Description:</b> "Benchtop CNC Router"	
<b>Manufacturer:</b> "Shop Bot Tools"	

## About

The ShopBot Desktop CNC Router is a small computer controlled vertically mounted router that is set up similar to a CNC milling machine. Sized between the Carbide 3D and the Haas CNC mill located in the microfluidics lab, the shop bot lacks the rigidity of its bigger brother but is still well suited for cutting wood, plastic, and even softer metals with a shallow depth of cut and conservative feed rates.

## Detailed Specifications

Bed size: 36 x 24 inches  
X, Y, Z movement: 25.2 x 20 x 5.5 inch  
Spindle speed: 6,000 - 18000 rpm  
Tool holder type: ER20  
X, Y, Z accuracy: +/- .005 inch  
Max cutting speed: 4 ips

## Safety Concerns

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## Operating Procedures

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## Reference Documentation

[shop\\_bot\\_command\\_reference.pdf](#)

[shop\\_bot\\_quickstartguide.pdf](#)

[shopbot\\_user\\_guide.pdf](#)

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## Training Documentation

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