

ShopBot Desktop

Built to perform like a big tool, built to be rugged, and built to last.

Our affordable, smaller-sized ShopBot Desktop is a digital fabrication powerhouse. In addition to impressive woodworking capabilities, the Desktop delivers engraving level precision, and the power and rigidity to machine parts from wood, plastic, aluminum, and other materials. The Desktop can perform a wide range of workbench, prototyping, and production projects—and it is an agile platform to support your growing digital fabrication interests and needs.

Desktop with Aluminum T-Slot Deck



Comes standard with an attached MDF spoil board and is considered our most versatile deck option for a wide variety of machining options. With the ability to fully or partially remove the deck, the open design allows for the use of dovetailing or end-milling attachments.

Desktop with Universal Vacuum Hold Down Deck



Includes a plywood plenum, MDF spoil board, and the Fein Turbo II Vac for quick hold down of sheet goods. This deck option is well-suited for large parts without additional hold down from screws, nylon nails, or tabs.

Both ShopBot Desktop models are available with an optional lower Aluminum T-Slot Deck.

SPECIFICATIONS: Desktop with Industrial Spindle [1hp spindle]

- Work Envelope: 24" x 18" x 5"
(609.6mm x 457.2mm x 127mm)
- Footprint with Spindle: 39" x 32" x 30"(h)
[Spindle VFD fits to right side of gantry]
- Frame: Machined aluminum members that are bolted together
- Drive System: 4 motors with integral, teflon-coated precision lead screw with anti-backlash technology on each axis (1X, 2Y, 1Z)
- Linear Bearings: Fully supported precision linear guides and blocks on each axis
- Deck Options:
 - Aluminum "T" Slot Extrusion Deck, with MDF spoil board
 - Universal Vacuum Hold Down Deck with vacuum kit, plywood plenum, and MDF spoil board
 - Lower Aluminum "T" Slot Extrusion Deck for additional Z-clearance for thicker materials
- Integral guard and dust skirt
- Cut Speed: 240 in/min (6096 mm/min)
- Jogging Speed: 360 in/min (9144 mm/min)
- Resolution: 0.00025" (.00635mm)
- Electrical System Requirements: 120V @ 15Amps
- ShopBot Control System software to run your CNC
- Bundled with Vectric's VCarve Pro to create CNC projects
- Includes simple, quick-start set-up guide
- ShopBot Handbook Notebook
- Available with a CE Package
- Two-year warranty
- Weights
 - 103 lbs [no deck, no cutter]
 - 148 lbs [total weight with Aluminum Deck and spindle]
 - 170 lbs [total weight with Universal Hold Down Deck and spindle]
- Shipping Crate dimensions: 44.5" x 37.6875" x 37.6875"
Weight: 178 lbs, loading dock, forklift or lift gate service is recommended

ShopBot®

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We make the tools for making the future.

NEW! ShopBot Work Stations

Our Work Station packages are an excellent solution for those looking for a sturdy, stand alone set-up for using the ShopBot Desktop. With the inclusion of our Invision Enclosure, you'll have 360° visibility while reducing noise and providing protection for both operators and viewers. Enjoy the precision and reliability of a ShopBot Desktop tool and have it where you need it – anywhere in your shop or education environment.

Work Station Packages Include:

- ShopBot Desktop*
- Dedicated Control Computer for running ShopBot Control Software
- ShopBot Control Software
- Vectric's VCarve Pro design software
- Invision Enclosure*
- Steel Work Stand* with enclosure mounting hardware and caster kit
- Free Tech Support
- Two-Year Warranty

*These items may be purchased separately. For best pricing purchase a full Work Station package. Tool ships fully assembled. Enclosure and work stand ship packed flat and ready to assemble.



SOFTWARE

No computer degree is needed to run a ShopBot! **Each new ShopBot includes VCarve Pro** CAD/CAM software, selected and bundled for project designing and tool-pathing. The ShopBot Control System software that runs your CNC is also included.

The ShopBot Control System Software is compatible with many software programs.

Compatible programs include: Fusion 360 • AutoCAD • Rhino 3D • SketchUp • Aspire • Cabinet Vision • EnRoute • KCD • MasterCAM • MillWizard • OneCNC • Shape 3D • Vector CAD CAM • Visualmill • CabinetParts Pro • DeskProto

ACCESSORIES and ADD-ONS

- Desktop Mini Enclosure
- Invision Full Enclosure
- Edge Clamp Joinery Jig
- Plotter Pen
- Drag Knife Bit
- Diamond Drag Engraving Bit
- ShopBot's 3D Digitizing Probe
- Desktop Rotary Indexing Head
- Vacuum Pump .3hp Kit

See our website for more details, or ask your salesperson about what accessories and add-ons are right for your needs.

FREE TECHNICAL SUPPORT

Whether you're new to digital fabrication or a veteran user of CNC technology, ShopBot is here to support your efforts. We provide **free technical support 7 days a week** from our headquarters in Durham, North Carolina. We also have a vibrant online community at talkshopbot.com, sharing tips and advice with other users of digital fabrication technology.

To contact tech support:
support@shopbottools.com

Give us a call at **888-680-4466** to discuss your production needs. We'll help you choose the right tool to get the job done.

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