

ShopBot Desktop MAX

The power and precision of the ShopBot Desktop – in a larger format.

With a tool bed measuring 36" x 24", the Desktop MAX is great for an endless variety of cutting, drilling, and carving operations on a variety of materials including: wood, MDF, plastics, foams, vinyl, and aluminum. It's great for rapid prototyping, and taking your projects all the way to finished products.

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

SPECIFICATIONS: Desktop MAX with Industrial Spindle [1hp spindle]

- Work Envelope: 36" x 25" x 5"
(965.2mm x 635mm x 127mm)
- Footprint with Spindle: 48" x 39" 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
 - 127 lbs [no deck, no cutter]
 - 171 lbs [total weight with aluminum deck and spindle]
 - 216 lbs [total weight with universal vacuum hold down deck kit and spindle]
- Shipping Crate dimensions: 44.5" x 55.75" x 37.5"
Weight: 217 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 MAX. 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 MAX tool and have it where you need it – anywhere in your shop or education environment.

Work Station Packages Include:

- ShopBot Desktop MAX*
- 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.

ShopBot[®]

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