### ShopBot PRSalpha & PRSstandard CNC Tools

**ShopBot's Professional Alpha CNC Tools**

<table>
<thead>
<tr>
<th>PRSalpha Full Size</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PRSalpha 48-48 w/8” Z axis</td>
<td>$17,982.00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PRSalpha 96-48 w/8” Z axis</td>
<td>$20,344.00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PRSalpha 96-60 w/8” Z axis</td>
<td>$21,415.00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PRSalpha 120-60 w/8” Z axis</td>
<td>$24,713.00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PRSalpha 144-60 w/8” Z axis</td>
<td>$28,322.00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PRSalpha 96-48 w/14” Z axis</td>
<td>$23,134.00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PRSalpha 96-60 w/14” Z axis</td>
<td>$24,383.00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PRSalpha 120-60 w/14” Z axis</td>
<td>$27,568.00</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**ShopBot Buddy® Alpha**

| PRSalpha BT32 w/8” Z axis | $13,092.00 |
| PRSalpha BT48 w/8” Z axis | $15,294.00 |
| PRSalpha BT48 w/14” Z axis | $18,015.00 |
| PRSalpha 5-Axis | $42,380.00 |

**ShopBot's Professional Standard CNC Tools**

<table>
<thead>
<tr>
<th>PRSstandard Full Size</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PRSstandard 48-48 w/8” Z axis</td>
<td>$12,872.00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PRSstandard 96-48 w/8” Z axis</td>
<td>$15,234.00</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PRSstandard 96-60 w/8” Z axis</td>
<td>$16,305.00</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**ShopBot Buddy® Standard**

| PRSstandard BT32 w/8” Z axis | $9,152.00 |
| PRSstandard BT48 w/8” Z axis | $11,354.00 |

**Handibot® Smart Power Tool v2.1 includes Dewalt Router v2.1 Adventure Edition 6-8 w/3” Z axis (US Version)**

<p>| | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
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<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>DT</td>
<td>$4,795.00</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### ShopBot Desktop MAX ATC (36-24) includes 1.1HP Spindle

| DTMAX w/Aluminum “T” slot extrusion deck | $14,950.00 |
| DTMAX w/Universal Vacuum Hold Down Deck Kit | $15,450.00 |

### ShopBot Desktop MAX (36-24) includes 1.1HP Spindle

| DTMAX w/Aluminum “T” slot extrusion deck | $9,475.00 |
| DTMAX w/Universal Vacuum Hold Down Deck Kit | $9,990.00 |

### ShopBot Desktop (24-18) includes 1.1HP Spindle

| DT w/Aluminum “T” slot extrusion deck | $7,615.00 |
| DT w/Universal Vacuum Hold Down Deck Kit | $8,065.00 |

### PRSALPHA & PRSTANDARD DIMENSIONS (LENGTH X WIDTH X PLUNGE)

<table>
<thead>
<tr>
<th>Tool</th>
<th>48-48</th>
<th>96-48</th>
<th>96-60</th>
<th>120-60</th>
<th>144-60</th>
<th>Buddy 32*</th>
<th>Buddy 48*</th>
<th>Desktop</th>
<th>Desktop MAX Desk MAX ATC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cut/ Movement Area**</td>
<td>**5'7&quot; x 4'9&quot; x 8&quot; (1.71m x 1.49m x .24m)</td>
<td>**10'5&quot; x 6'1&quot; x 8&quot; (3.18m x 1.86m x .24m)</td>
<td>**12'9&quot; x 6'1&quot; x 8&quot; (3.94m x 1.86m x .24m)</td>
<td>**15'3&quot; x 6'1&quot; x 8&quot; (4.66m x 1.86m x .24m)</td>
<td>**25' x 3'3&quot; x 8&quot; (7.62m x 1.0m x .24m)</td>
<td>**25' x 4'9&quot; x 8&quot; (7.62m x 1.49m x .24m)</td>
<td>**24' x 1'8&quot; x 5'5&quot; (7.32m x .51m x .17m)</td>
<td>**38' x 2'5&quot; x 5'5&quot; (11.62m x .76m x .17m)</td>
<td></td>
</tr>
<tr>
<td>Footprint</td>
<td>L.72&quot; x W.79&quot; x H.67&quot; (1.83m x 2.01m x .17m)</td>
<td>L.120&quot; x W.79&quot; x H.67&quot; (3.05m x 2.01m x 1.70m)</td>
<td>L.120&quot; x W.91&quot; x H.67&quot; (3.05m x 2.31m x 1.70m)</td>
<td>L.144&quot; x W.91&quot; x H.67&quot; (3.66m x 2.31m x 1.70m)</td>
<td>L.168&quot; x W.91&quot; x H.67&quot; (4.27m x 2.31m x 1.70m)</td>
<td>L.36&quot; x W.76&quot; x H.67&quot; (0.91m x 1.93m x 1.70m)</td>
<td>L.36&quot; x W.76&quot; x H.67&quot; (0.91m x 1.93m x 1.70m)</td>
<td>L.39&quot; x W.32&quot; x H.30&quot; (0.99m x .76m x .76m)</td>
<td>L.48&quot; x W.39&quot; x H.30&quot; (1.22m x .99m x .76m)</td>
</tr>
</tbody>
</table>

*For the BT32 & BT48, the cutting table under your work moves to provide motion on the X axis.
### Automatic Tool Changers, Spindle Packages, and Accessories

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>12XXX</td>
<td>Automatic Tool Changer including HSD 5HP choose 1ph or 3ph</td>
<td>$15,220.00</td>
</tr>
<tr>
<td>12605</td>
<td>HSD 1HP 110V 1ph for the Desktop</td>
<td>$1,620.00</td>
</tr>
<tr>
<td>125XX</td>
<td>HSD 2.2 HP 230V 3ph or 220V 1ph</td>
<td>$2,660.00</td>
</tr>
<tr>
<td>125XX</td>
<td>HSD 4 HP 230V 3ph</td>
<td>$3,085.00</td>
</tr>
<tr>
<td>125XX</td>
<td>HSD 4 HP 220V 1ph</td>
<td>$3,510.00</td>
</tr>
<tr>
<td>125XX</td>
<td>Colombo 5HP 220V 1ph</td>
<td>$4,360.00</td>
</tr>
<tr>
<td>126XX</td>
<td>Colombo 5HP 230V 3ph</td>
<td>$3,850.00</td>
</tr>
<tr>
<td>126XX</td>
<td>Colombo 5HP 380/460V 3ph</td>
<td>$4,920.00</td>
</tr>
<tr>
<td>12XXX</td>
<td>Colombo 3HP 220V 1ph or 230V 3ph</td>
<td>$3,445.00</td>
</tr>
</tbody>
</table>

### Porter Cable Routers

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>12016</td>
<td>Model 75182: 3.25 HP, 60Hz, 110V, var speed (router only)</td>
<td>$385.00</td>
</tr>
<tr>
<td>22016</td>
<td>Model 75182: 3.25 HP, 60Hz, 110V, var speed (router w mounting plate kit)</td>
<td>$526.00</td>
</tr>
</tbody>
</table>

### Accessories, Additional Software, Vacuum Systems, & Dust Collectors

#### Production Aids and Accessories

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>10451</td>
<td>4’ PowerStick (6’ long) for the BT32 and BT48 Buddy</td>
<td>$925.00</td>
</tr>
<tr>
<td>13698</td>
<td>Desktop Starter Bit Kit – 7 Onsrud Cutters</td>
<td>$216.00</td>
</tr>
<tr>
<td>13699</td>
<td>ShopBot Starter Bit Kit – 8 Onsrud Cutters</td>
<td>$258.00</td>
</tr>
<tr>
<td>13705</td>
<td>Sign Makers Bit Kit – 6 Onsrud Cutters</td>
<td>$200.00</td>
</tr>
<tr>
<td>14510</td>
<td>Additional Dual Z – PRSalpha</td>
<td>$1,995.00</td>
</tr>
<tr>
<td>14501</td>
<td>PRS Retro Z Axis – For replacing a PR or PRT Z axis with a PRS Z axis</td>
<td>$1,495.00</td>
</tr>
<tr>
<td>14525</td>
<td>Air Drill Head – For automated drilling (alpha models only)</td>
<td>$1,750.00</td>
</tr>
<tr>
<td>15105</td>
<td>Rotary Indexer – 6” for PRSstandard</td>
<td>$2,750.00</td>
</tr>
<tr>
<td>004737</td>
<td>Rotary Indexer – 6” for PRSalpha</td>
<td>$3,075.00</td>
</tr>
<tr>
<td>15104</td>
<td>Rotary Indexer – 12” for PRSalpha</td>
<td>$5,995.00</td>
</tr>
<tr>
<td>005065</td>
<td>Rotary Indexer – 6” Gecko G250X for Desktop/Desktop MAX</td>
<td>$2,250.00</td>
</tr>
<tr>
<td>15145</td>
<td>Rotary Indexer – 3” Gecko G250X for Desktop/Desktop MAX</td>
<td>$950.00</td>
</tr>
<tr>
<td>12705</td>
<td>E-Chain X48 Kit – Cable carrier system for 48&quot;-axis PRS tools</td>
<td>$320.00</td>
</tr>
<tr>
<td>005697</td>
<td>Edge Clamping Fixture for Desktop/Desktop MAX</td>
<td>$395.00</td>
</tr>
<tr>
<td>15160</td>
<td>3D Digitizing Probe</td>
<td>$395.00</td>
</tr>
<tr>
<td>13103</td>
<td>Diamond Drag Engraving Bit by WidgetWorks - Fits 1/2” collet</td>
<td>$179.99</td>
</tr>
<tr>
<td>13102</td>
<td>Drag Knife Bit - For 1/4” collet</td>
<td>$149.99</td>
</tr>
<tr>
<td>13105</td>
<td>Plotter Pen Bit - For 1/2” collet</td>
<td>$39.95</td>
</tr>
<tr>
<td>13108</td>
<td>Drag Knife by Donek for Thick Material 1/2” collet</td>
<td>$239.00</td>
</tr>
<tr>
<td>18103/18003</td>
<td>Desktop Mini Enclosure or Desktop MAX Mini Enclosure</td>
<td>$195.00</td>
</tr>
<tr>
<td>005414</td>
<td>Desktop Full Enclosure - Steel and acrylic</td>
<td>$1,495.00</td>
</tr>
<tr>
<td>005976</td>
<td>Desktop Invision Full Enclosure - Aluminum and acrylic</td>
<td>$1,200.00</td>
</tr>
<tr>
<td>005405</td>
<td>Desktop MAX Full Enclosure - Steel and acrylic (not for use with MAX ATC)</td>
<td>$1,895.00</td>
</tr>
<tr>
<td>005975</td>
<td>Desktop MAX Invision Full Enclosure - Aluminum and acrylic</td>
<td>$1,500.00</td>
</tr>
</tbody>
</table>

#### Vacuum Systems

PVC kit not included. Call for pricing as PVC kit price varies based on tool size.

- 10.0hp Regenerative Blower – 13”Hg@140CFM w/pump, motor starter, filter, relief valve, vacuum gauge, 230-460v 3 phase, 82dBa or 220V 1 phase | $8,699.00 |
- 10.0hp Rotary Vane 25”Hg@175CFM w/pump, motor starter, filter, relief valve, vacuum gauge, 230-460v 3 phase, 81dBa | $7,650.00 |
STEP 3

continued

Additional Design and Machining Software

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>006066</td>
<td>VCarve Pro Full Version (included with all new ShopBots)</td>
<td>$699.00</td>
</tr>
<tr>
<td>11145</td>
<td>CabinetPartsPro – Automates and simplifies the creation of toolpath files for standard cabinet components</td>
<td>$250.00</td>
</tr>
<tr>
<td>11151</td>
<td>PhotoVCarve</td>
<td>$149.00</td>
</tr>
<tr>
<td>11163</td>
<td>Aspire 3D CAD/CAM upgrade from VCarve Pro at time of new tool purchase</td>
<td>$1,400.00</td>
</tr>
<tr>
<td>11162</td>
<td>Aspire 3D CAD/CAM when sold separately</td>
<td>$1,995.00</td>
</tr>
</tbody>
</table>

Training, Assembly, and Support Services

**ShopBot Basic Training**
- Two days (once a month) at ShopBot Headquarters in Durham, NC $300.00

**Assembly and on-site training**
- Four-day min @ $950.00 per day. (Travel expenses additional.) Call for quote

**Custom tool assembly**
Call for quote

**Customized ShopBot software training in your shop**
- Up to five people per day (travel expenses additional). Per Day: $950.00

**One-on-one software training at ShopBot Headquarters in Durham, NC.**
Per Hour: $100.00

**Contract design work**
- Up to five people per day (travel expenses additional). Per Day: $950.00

**Technical support**
- Monday-Friday 9 a.m. – 5 p.m. by phone
  (Nights and weekends by email and voice mail) FREE

**Dust Collector**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>14745</td>
<td>1.5hp, 60Hz, 110v, 1,280CFM, FLA 16A, 2-4” Ports, 6” Inlet with 4” dia, 18” clear flex hose</td>
<td>$679.95</td>
</tr>
</tbody>
</table>

*Note: This only works on 60Hz power*

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>005934</td>
<td>Oneida Mini Gorilla 22 Gallon KIT</td>
<td>$1,492.00</td>
</tr>
</tbody>
</table>

Includes: 1- Molded Mini Gorilla Cyclone, 1- Hose Adapter 5x4x4, 3-Hose Clamps.

**Additional Shipping Charge:** Oneida Mini Gorilla drop ships from manufacturer $320.00

STEP 4

Shipping & Crating

ShopBot will ship with the commercial carrier of our choice. Call or email for shipping of custom tools (including table for modified Z) or for shipping outside the contiguous USA. Orders shipped outside of the USA will be charged a crating fee of $450.00. All international orders are shipped CIF, taxes and duties are not included.

**Shipping and Crating Charges**

<table>
<thead>
<tr>
<th>DESTINATION</th>
<th>48, 60, 96</th>
<th>120, 144</th>
<th>BT32 Buddy</th>
<th>BT48 Buddy</th>
<th>Desktop 2418</th>
<th>MAX ATC D3624</th>
<th>MAX D3624</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eastern US (East of Mississippi River)</td>
<td>$675.00</td>
<td>$825.00</td>
<td>$725.00</td>
<td>$800.00</td>
<td>$350.00</td>
<td>$400.00</td>
<td></td>
</tr>
<tr>
<td>Central US (Mississippi River to Rockies)</td>
<td>$775.00</td>
<td>$875.00</td>
<td>$850.00</td>
<td>$900.00</td>
<td>$350.00</td>
<td>$500.00</td>
<td></td>
</tr>
<tr>
<td>Western US (West of the Rockies)</td>
<td>$1,075.00</td>
<td>$1,125.00</td>
<td>$1,150.00</td>
<td>$1,200.00</td>
<td>$350.00</td>
<td>$600.00</td>
<td></td>
</tr>
<tr>
<td>Crating Fee</td>
<td>$275.00</td>
<td>$275.00</td>
<td>$275.00</td>
<td>$275.00</td>
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All prices and costs published by ShopBot (both digitally and in print) are based on orders within the contiguous USA. All other orders may incur additional costs/fees.
### ShopBot PRSalpha Specifications

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drive Motor</td>
<td>Closed loop steppers with 7.2:1 gearboxes. With constant positional feedback to the drivers, if an obstruction is hit or cutting too fast the drivers will attempt to correct the position of the motors before activating an alarm, stopping the machine and displaying an alarm on the monitor. Once reset and homed, cutting should be able to be resumed.</td>
</tr>
<tr>
<td>XY Move Speed (with full cutting force)</td>
<td>Variable, max. 600”/min. (15.2m/min.)</td>
</tr>
<tr>
<td>Z Move Speed (with full cutting force)</td>
<td>Variable, max. 360”/min. (9.1m/min.)</td>
</tr>
<tr>
<td>XY Positioning Speed</td>
<td>Variable, max. 1800”/min. (45.7m/min.)</td>
</tr>
<tr>
<td>Z Positioning Speed</td>
<td>Variable, max. 900”/min. (22.8m/min.)</td>
</tr>
<tr>
<td>Step Resolution</td>
<td>.0004” (0.010mm)</td>
</tr>
<tr>
<td>Positional Repeatability</td>
<td>+/- 0.002” (0.051mm)</td>
</tr>
<tr>
<td>Linear Cutting Force</td>
<td>≈150# at 60” per minute</td>
</tr>
<tr>
<td>X and Y Axis Drive System</td>
<td>Rack and Pinion</td>
</tr>
<tr>
<td>Z Axis Drive System</td>
<td>Rack and Pinion</td>
</tr>
<tr>
<td>Input Voltage</td>
<td>Connecting the PRSalpha requires the services of a licensed electrician. Please check the website <a href="http://www.shopbottools.com">www.shopbottools.com</a> or contact ShopBot for the wiring information for the set-up you are considering.</td>
</tr>
</tbody>
</table>

Eight Input Channels (switch closure or 5-volt logic input), Eight Output Channels (5-volt logic level current)

### ShopBot PRSstandard Specifications

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drive Motor</td>
<td>Open loop steppers with 3.6:1 gearboxes. Without positional feedback, if attempting to cut too fast or an obstruction hit, steps could be lost and not noticed until the part file has completed or the operator stops.</td>
</tr>
<tr>
<td>XY Move Speed (with full cutting force)</td>
<td>Variable, max. 360”/min. (9.1m/min.)</td>
</tr>
<tr>
<td>Z Move Speed (with full cutting force)</td>
<td>Variable, max. 120”/min. (3m/min.)</td>
</tr>
<tr>
<td>XY Positioning Speed</td>
<td>Variable, max. 480”/min. (12.1m/min.)</td>
</tr>
<tr>
<td>Z Positioning Speed</td>
<td>Variable, max. 480”/min. (12.19m/min.)</td>
</tr>
<tr>
<td>Step Resolution</td>
<td>0.0006” (0.015mm)</td>
</tr>
<tr>
<td>Positional Repeatability</td>
<td>+/- 0.002” (0.051mm)</td>
</tr>
<tr>
<td>Linear Cutting Force</td>
<td>≈50# at 60” per minute</td>
</tr>
<tr>
<td>X and Y Axis Drive System</td>
<td>Rack and Pinion</td>
</tr>
<tr>
<td>Z Axis Drive System</td>
<td>Rack and Pinion</td>
</tr>
<tr>
<td>Input Voltage</td>
<td>Connecting the PRSalpha requires the services of a licensed electrician. Please check the website <a href="http://www.shopbottools.com">www.shopbottools.com</a> or contact ShopBot for the wiring information for the set-up you are considering.</td>
</tr>
</tbody>
</table>

220v available on request

Eight Input Channels (switch closure or 5-volt logic input), Eight Output Channels (5-volt logic level current)

*Mechanical parts such as table, gantry, Z axis... are the same for both types of machines.

### ShopBot Desktop 2418, Desktop MAX 3624, Desktop MAX ATC 3624 Specifications

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>XYZ Move Speed</td>
<td>Variable, max. 4”/sec (100mm/sec) 240”/min. (6.1m/min.)</td>
</tr>
<tr>
<td>XYZ Positioning Speed</td>
<td>Variable, max. 6”/sec (150mm/sec) 360”/min. (9.1m/min.)</td>
</tr>
<tr>
<td>Step Resolution</td>
<td>0.00025” (.006mm)</td>
</tr>
<tr>
<td>Positional Repeatability</td>
<td>+ 0.001” (0.025mm)</td>
</tr>
</tbody>
</table>
Meet the new heavy hitter in the Desktop tool line-up: ShopBot Desktop MAX ATC

This newest addition to our desktop CNC tool line has the industrial precision and power capabilities of our other desktop tools. The boost is an Automatic Tool Changer. An ATC reduces production time by quickly and robotically changing cutters between tool paths, eliminating the need to change and zero tools individually.

The ShopBot Desktop MAX ATC has a 36” x 24” work area, and is available with two different deck options: an aluminum tool deck or a Universal Vacuum hold down deck. Take full advantage of the efficiency that digital fabrication and small shop robotics provide with the ShopBot Desktop MAX ATC.

There’s a ShopBot for every size shop and project.

ShopBot Desktop
Desktop MAX
Buddy®
PRSalpha
5-Axis

ShopBot Warranty

ShopBot warrants that the system will perform in substantial compliance with the instructions and documentation supplied. ShopBot further warrants that all components of the tool, except for those parts subject to normal wear (e.g., pinion gears, gear rack, springs), will be free from defects in material or workmanship for two years from the date of purchase. SELLER’S SOLE OBLIGATION AND YOUR EXCLUSIVE REMEDY under this Limited Warranty and, to the extent permitted by law, any warranty or condition implied by law, shall be the repair or replacement of parts, without charge, which are defective in material or workmanship and which have not been misused, carelessly handled, or mis-repaired by persons other than Seller. ShopBot reserves the right to use new or ShopBot remanufactured components for warranty replacement. Components repaired under warranty repairs will be returned to customer at ShopBot’s expense via surface mail. Overnight or express shipping will be at the customer’s expense. There are no warranties extending beyond the above warranties. All resold products constituting accessories and secondary components (such as, but not limited to, routers, spindles, vacuum pumps, etc) are subject to their own manufacturer’s warranties.

PAYMENT OPTIONS – ShopBot requires payment in full with the order. We accept checks, bank wire transfer, Discover, MasterCard, Visa and American Express. All international orders must be paid by bank wire transfer. All customs charges and import taxes are the responsibility of the purchaser.

All written quotes are good for 30 days. All prices are subject to change without notice.

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