



## Price List –January 24, 2011

### ShopBot PRSalpha & PRSstandard CNC Systems

ShopBot Personal Robotic Systems include PartWorks design software,  
ShopBot Control Software, Dust Skirt, X and Y Axis Proximity Switches and Z-zero Plate.

### Popular System Sizes (Custom Systems Available - Call for Details)

#### ShopBot's Professional Alpha CNC Tools

##### PRSalpha Full Size

10151	PRSalpha 48-48 w/6" Z axis	\$15,195.00
10155	PRSalpha 60-60 w/6" Z axis	\$15,695.00
10159	PRSalpha 96-48 w/6" Z axis	\$17,095.00
10162	PRSalpha 96-60 w/6" Z axis	\$18,195.00
10192	PRSalpha 108-60 w/6" Z axis	\$24,995.00
10168	PRSalpha 120-60 w/6" Z axis	\$20,795.00
10174	PRSalpha 144-60 w/6" Z axis	\$23,895.00
10160	PRSalpha 96-48 w/12" Z axis	\$18,790.00
10163	PRSalpha 96-60 w/12" Z axis	\$19,890.00
10169	PRSalpha 120-60 w/12" Z axis	\$22,490.00

#### ShopBot's Affordable Standard CNC Tools

##### PRSstandard Full Size

10102	PRSstandard 48-48 w/6" Z axis	\$10,895.00
10108	PRSstandard 96-48 w/6" Z axis	\$12,195.00
10114	PRSstandard 120-60 w/6" Z axis	\$16,395.00

##### ShopBot Buddy Alpha

10150	PRSalpha BT32	\$10,745.00
10149	PRSalpha BT48	\$12,345.00

##### ShopBot Buddy Standard

10138	PRSstandard BT32	\$7,195.00
10139	PRSstandard BT48	\$8,795.00

##### ShopBot Desktop CNC

10199	Desktop 24-18 w/4" Z axis	\$4,995.00
-------	---------------------------	------------

### Systems with Recommended Accessories

#### PRSalpha 96-60-6

System w/router bit kit  
& 2.2 HP 220v single  
phase HSD spindle  
\$21,009 + crating/shipping  
OR  
w/4 HP, 3-phase HSD  
spindle  
\$21,429 + crating/shipping

#### PRSstandard 96-48-6

System w/router bit kit  
& 3.25 HP Porter Cable  
\$12,775 + crating/shipping  
OR  
w/4 HP, 3-phase HSD  
spindle  
\$15,429 + crating/shipping



#### PRSalpha BT48

System w/router bit kit  
& Casters/2.2 HP single  
phase spindle  
\$15,454 + crating/ shipping



#### PRSstandard BT32

System w/router bit kit  
& Casters/3.25 HP Porter  
Cable  
\$8,070 + crating/shipping

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

	48-48	96-48	96-60	108-60	120-60	144-60	BT32 Buddy*	BT48 Buddy*	Desktop****
Nominal Cutting Area**	48" x 48" x 6" 1.22m x 1.22m x 0.15	96" x 48" x 6" 2.44m x 1.22m x 0.15m	96" x 60" x 6" 2.44m x 1.52m x .15m	108" x 60" x 6" 2.74m x 1.52m x .15m	120" x 60" x 6" 3.05m x 1.52m x .15m	144" x 60" x 6" 3.66m x 1.52m x .15m	24" x 32" x 5" .61m x .81m x .13m	24" x 48" x 5" .61m x 1.22m x .13m	24" x 18" x 2" .61m x .46m x .051m
Actual Full Motion Area***	50" x 50" x 8" 1.27m x 1.27m x .2m	102" x 50" x 8" 2.49m x 1.27m x .2m	102" x 62" x 8" 2.49m x 1.57m x .2m	110" x 62" x 8" 2.79m x 1.57m x .2m	122" x 62" x 8" 3.10m x 1.57m x .2m	146" x 62" x 8" 3.71m x 1.57m x .2m	25" x 33" x 7" .64m x .84m x .18m	25" x 50" x 7" .64m x 1.27m x .18m	24" x 18" x 4" .61m x .46m x .10m
Footprint	L72" x W79" x H67" 1.83m x 1.94m x 1.70m	L120" x W79" x H67" 3.05m x 1.94m x 1.70m	L120" x W91" x H67" 3.05m x 2.31m x 1.70m	L134" x W93" x H72" 3.40m x 2.36m x 1.83m	L144" x W91" x H67" 3.66m x 2.31m x 1.70m	L168" W91" x H67" 4.27m x 2.31m x 1.70m	L36" x W56" x H67" .91m x 1.42m x 1.70m	L36" x W76" x H67" .91m 1.93m x 1.70m	Router L36" x W30" x H30" .91m x .76m x .76m Spindle L39" x W30" x H30" .99m x .76m x .76m

\*For the BT32 & BT48, the cutting table under your work moves to provide motion on the X axis.

\*\* Plunge distance is approximate distance from collet to table (assuming 2" of table material). Note that a long cutting bit will reduce the height of material that can be cleared by the cutter.

\*\*\*Actual cutting width is decreased by 14" when using a second Z axis.

\*\*\*\* Spindle VFD fits to the right side of the gantry

## Automatic Tool Changers, Spindle Packages and Accessories

Spindle packages include collets, collet nuts, wrenches, pre-programmed/pre-wired frequency drive & RPM controller

12520	Automatic Tool Changer including HSD 5 HP 220V Single-Phase Spindle	\$14,995.00
12521	Automatic Tool Changer including HSD 5 HP 380/460V 3-Phase Spindle	\$14,995.00
12540	Automatic Tool Changer including HSD 5 HP 230V 3-Phase Spindle	\$14,995.00
12604	HSD 1HP 110V Single-Phase Spindle for the Desktop	\$1,595.00
12577	HSD 2.2 HP 230V 3-Phase Spindle	\$2,619.00
12573	HSD 2.2 HP 220V Single-Phase Spindle	\$2,619.00
12572	HSD 4 HP 230V 3-Phase Spindle	\$3,039.00
12571	HSD 4 HP 220V Single-Phase Spindle	\$3,459.00
10250	Spindle RPM Controller for Yaskawa VFD (for HSD spindles) (included with all new spindles)	\$195.00
10251	Spindle RPM Controller for Delta VFD (for Columbo spindles)	\$250.00

## Porter Cable Routers

12014	Model 8904 2 ¼ HP 12A for ShopBot Desktop CNC	\$295.00
12016	Model 75182: 3.25 HP, 60Hz, 110V, variable speed	\$385.00

## Production Aids & Accessories

10450	2' PowerStick (4' long) for the BT32 and BT48 Buddy (standard size; included with all Buddies)	\$595.00
10451	4' PowerStick (6' long) for the BT32 and BT48 Buddy	\$895.00
10452	8' PowerStick (10' long) for the BT32 and BT48 Buddy	\$1,495.00
10456	PowerStick Outfeed System (Required for 8' PowerSticks)	\$395.00
15251	Caster Kit for BT32 & BT48 Buddy	\$295.00
	Collets for Router and Spindles Starting at:	\$25.00
12013	Air Deflector Assembly for the Porter Cable Router	\$26.00
12698	Desktop Starter Bit Kit-ball nose,30 degree engraving, straight bits, upcut & downcut spiral bits – 7 Onsrud Cutters	\$195.00
13699	ShopBot Starter Bit Kit- 1 ¼" planing bit, V-bit, straight bits, upcut and downcut spiral bits, roundnose bit - 8 Onsrud Cutters	\$195.00
14510	Additional Tandem Z Axis - PRSalpha	\$1,995.00
14511	Additional Independent YZ - PRSalpha	\$2,895.00
14501	PRS Retro Z Axis - For replacing a PR or PRT Z axis with a PRS Z axis	\$1,295.00
14525	Air Drill Head - For automated drilling	\$1,750.00
15102	Indexing Head - 6" for PRSalpha	\$3,075.00
15104	Indexing Head - 12" for PRSalpha	\$5,995.00
15160	3D Digitizing Probe	\$395.00
12705	E-Chain X48 Kit - Cable carrier system for 48"-axis PRS tools	\$320.00
12706	E-Chain X60 Kit - Cable carrier system for 60"-axis PRS tools	\$350.00
12707	E-Chain X96 Kit - Cable carrier system for 96"-axis PRS tools	\$380.00

## Additional Design & Machining Software

11008	ShopBot PartWorks/PartWorks3D (included with all new ShopBots)	\$795.00
11010	ShopBot PartWorks/PartWorks3D upgrade For PartWizard/MillWizard owners:	\$745.00
11018	ArtCAM PRO ADVANTAGE - Call for details	\$1,200.00/year
11099	ArtCAM Insignia – 2.5D CAD/CAM	\$3,000.00
11105	ArtCAM PRO – 3D CAD/CAM	\$7,500.00
11145	CabinetPartsPro- Automates and simplifies the creation of toolpath files for standard cabinet components	\$250.00
11151	PhotoVCarve	\$149.00
11153	Vector Art 3D Starter Collection – 20 models	\$99.00
11154	Vector Art 3D Animal Collection 1 – 50 models	\$499.00
11158	Vector Art 3D Flourishes + Ornaments Collection – 100 Models	\$299.00
11159	Vector Art 3D Sign Makers Collection – 75 Models	\$199.00
	Vector Art Mega Collection 1, 2 or 3 – Thousands of clip art files	\$249.00/ea.
11163	Aspire 3D CAD/CAM For PartWorks/VCarve Pro owners:	\$1,445.00
11164	Aspire 3D CAD/CAM	\$1,995.00
11167	Vector Art 3D Wildlife Scenes For Aspire owners only:	\$495.00
11169	Aspire 3D CAD/CAM + Vector Art 3D Wildlife Bundle For PartWorks/VCarve Pro owners:	\$1,840.00

## Vacuum Systems

14724	Fein Turbo III 14.5gal Vacuum – 126CFM, 57.8dBa	\$450.00
14732	16.9hp Regenerative Blower - 13"Hg@140CFM w/pump, motor starter, PVC kit, filter, relief valve, vacuum gauge, 230-460v 3 phase, 82dBa	\$6,495.00
14740	10hp Rotary Vane 25"Hg@175CFM w/pump, motor starter, PVC kit, filter, relief valve, vacuum gauge, 230-460v 3 phase, 81dBa	\$9,080.00

## Dust Collectors

14717	Delta 1.5hp - 1200CFM, 5-micron filtration bag, 6-mil chip bag, 4" diameter dust intake ports	\$1,200.00
-------	---	------------

## Training, Assembly & Support Services

ShopBot Basic Training – Two days (Fri-Sat) at ShopBot Headquarters in Durham, NC.	\$300.00
Assembly and on-site training - Four-day min @ \$750.00 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).	\$750.00/day
One-on-one software training at ShopBot Headquarters in Durham, NC.	\$100.00/hr
Contract design work - Call for availability	\$100.00/hr
Technical support - Mon-Fri 9 a.m. - 5 p.m. by phone (Nights and Weekends by email and voice mail)	FREE

## 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.*

## Shipping & Crating Charges

DESTINATION	48, 60, 96	BT32 Buddy	BT48 Buddy	Desktop DT2418	120, 144
Eastern US (East of Mississippi River)	\$675.00	\$725.00	\$800.00	\$200.00	\$825.00
Central US (Mississippi River to Rockies)	\$775.00	\$850.00	\$900.00	\$200.00	\$875.00
Western US (West of the Rockies)	\$875.00	\$950.00	\$1,000.00	\$200.00	\$925.00
Crating Fee	\$275.00	\$275.00	\$275.00		\$275.00

**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 continental USA. Orders shipped outside of the USA will be charged a crating fee of \$450.00. All international orders are shipped Delivered Duty Unpaid (DDU).**

## Specifications

Controlled via USB port. Requires Windows XP Pro/Vista/7. Min. 800 MHz, 512M RAM. 1024x768 graphics display recommended for the shop monitor. 1280x1024 graphics display recommended for the design monitor (if separate from the shop monitor). If the shop computer will not be networked, an additional USB port for file transfer is useful. ShopBot Control Software produces simultaneous movement in three - five axes (4<sup>th</sup> and 5<sup>th</sup> axes used with optional equipment such as 2<sup>nd</sup> Z axis, indexer or five-axis head).

<b>ShopBot PRSalpha Specifications</b>	
XY Move Speed (with full cutting force)	Variable, max. 600"/min. (15.24m/min.)
Z Move Speed (with full cutting force)	Variable, max. 360"/min. (9.14m/min.)
XY Positioning Speed	Variable, max. 1800"/min. (45.72m/min.)
Z Positioning Speed	Variable, max. 900"/min. (22.86m/min.)
Step Resolution	.0004" (.010mm)
Positional Repeatability	± 0.002" (0.051mm)
Linear Cutting Force	Approximately 150 lbs. (68Kg)
X and Y Axis Drive System	Rack and Pinion
Z Axis Drive System	Rack and Pinion
Input Voltage*	<b>Connecting the PRSalpha requires the services of a licensed electrician.</b> 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.

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

<b>ShopBot PRSstandard Specifications</b>	
XY Move Speed (with full cutting force)	Variable, max. 360"/min. (9.14m/min.)
Z Move Speed (with full cutting force)	Variable, max. 120"/min. (3.05m/min.)
XY Positioning Speed	Variable, max. 600"/min. (15.24m/min.)
Z Positioning Speed	Variable, max. 480"/min. (12.19m/min.)
Step Resolution	0.0005" (0.0130mm)
Positional Repeatability	± 0.005" (0.127mm)
Linear Cutting Force	Approximately 60 – 80 lbs. (36Kg)
X and Y Axis Drive System	Rack and Pinion
Z Axis Drive System	Rack and Pinion
Input Voltage	110v. or 220v. (15 amp, single phase, 50-60Hz) <i>220v available on request</i>

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

<b>ShopBot Desktop D2418 Specifications</b>	
XYZ Move Speed	Variable, max. 240"/min. (6.1m/min.)
XYZ Positioning Speed	Variable, max. 360"/min. (9.14m/min.)
Step Resolution	0.00025" (.006mm)
Positional Repeatability	± 0.001" (0.025mm)

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