

# The ShopBot Rotary Indexer

## So much more than a lathe

The ShopBot Rotary Indexer allows you to cut full 3-dimensional objects on your ShopBot. Like a lathe, it provides a 4th rotary axis for turning a part, but in addition, provides precise "indexed" control over rotation.

With an indexer, you can create: Lathe work • Spindles, newel posts, table legs • 3D sculptures

The ShopBot Rotary indexer comes in three different sizes, and can be purchased with new tools or retro-fitted to older tools. Give us a call at 919.680.4800 to find out what's best for you.



### 3" Rotary Indexer Available for Desktop, Desktop MAX, and both Standard and Alpha model ShopBot Buddy and Gantry Tools.

	Desktop	Desktop MAX (short axis)	Desktop MAX (long axis*)	ShopBot Buddy and Gantry
Max Turning Diameter (inches)	3.6	3.6	3.6	3.6
Max Turning Length (inches)	19.5	19.5	36	Same as X-axis of tool**
* Mounting the indexer in this way requires purchasing an adapting base ** For very long objects, torque may become a limiting factor				

### 6" Rotary Indexer Available for Desktop MAX, and both Standard and Alpha model ShopBot Buddy (with 12" Z-axis) and Gantry Tools.

	Desktop MAX (purchased during or in 2017)	
	Frame Mount	Deck Mount
Max Turning Diameter (inches)	8 (with 1.5" bit)	4.5 (with 2" bit)
Max Turning Length (inches)	36	36

	Buddy with 12" Z-axis	Gantry Tools with 8" Z-axis			Gantry Tools with 14" Z-axis		
		Hanging Mount	Rail Mount	Table Mount	Hanging Mount	Rail Mount	Table Mount
Max Turning Diameter (inches)	9.8	9.8	5.5*	4	9.8	5.5**	9.8
Max Turning Length (inches)	Nominal† length of Powerstick	Nominal† width of table minus 14"	Nominal† length of table minus 6"	Nominal† length of table minus 20", or width of table minus 18"	Nominal† width of table minus 14"	Nominal† length of table minus 6"	Nominal† length of table minus 20" or width of table minus 18"
*Up to 7.5" if only cutting along the centerline (i.e. lathe work or wrapped toolpaths) **Up to 9" if only cutting along the centerline (i.e. lathe work or wrapped toolpaths) †Nominal values refer to the advertised cutting area of a tool. For example, a 96x48 gantry tool has a nominal length of 96" and a nominal width of 48"							

### 12" Rotary Indexer Available for Alpha model Gantry Tools only.

	Gantry Tools (8" or 14" Z-axis) Hanging Mount Only	Gantry Tools (14" Z-axis only) Rail Mount
Max Turning Diameter (inches)	Up to 19.6	Up to 14
Max Turning Length (inches)	Nominal width of tools minus 17"	Nominal length of tool minus 8"

JUL2017

Check out our full line of CNC tools at [ShopBotTools.com](http://ShopBotTools.com)  
**Then give us a call.**  
 We'll help you choose the right tool to turn your ideas into reality.

We make  
the tools  
for making the  
future.

**ShopBot**®

888-680-4466 • [ShopBotTools.com](http://ShopBotTools.com)