

Indian Prairie Public Library  
401 Plainfield Road  
Darien, Illinois 60561

**Indian Prairie Public Library Foundation Meeting  
September 21, 2016 – 6:30 p.m. – Board Room**

**AGENDA**

- A. Call to Order/Roll Call  
Donald Damon, Beena Deshmukh, Marian Krupicka,  
Julia Lacayo, Crystal Megaridis, Diane Ruscitti, Victoria Suriano
- B. Correspondence - none
- C. Omnibus Consent Agenda Action
  - 1. Minutes of Foundation Meeting 1/20/16 Page 2
  - 2. Treasurer's Report Page 4
  - 3. Bills for Approval Page 7
- D. Reports - none
- E. Unfinished Business - none
- F. New Business Action
  - 1. Requests from Library Page 8
- G. Adjournment

2

Indian Prairie Public Library  
Foundation Minutes  
January 20, 2016

**Indian Prairie Public Library Foundation Annual Meeting  
January 20, 2016 – 6:45 p.m.**

A. Call to Order/Roll Call

President Suriano called the meeting to order at 6:45 p.m.

Present: Donald Damon, Beena Deshmukh, Marian Krupicka, Julia Lacayo, Crystal Megaridis, Diane Ruscitti, Victoria Suriano

Absent: none

Staff Present: Jamie Bukovac, Laura Birmingham, Maria Wlosinski

Others: none

President Suriano asked for additions and/or corrections to the agenda. There were none.

B. Correspondence - none

C. Omnibus Consent Agenda

1. Minutes of Foundation Meeting 9/16/15

2. Treasurer's Report

3. Bills for Approval

Krupicka moved, Lacayo seconded to set the Omnibus Consent Agenda. Motion carried unanimously. Megaridis moved, Lacayo seconded to approve the Omnibus Consent Agenda. Motion carried unanimously.

D. Reports

1. Annual Financial Report –Damon moved, Krupicka seconded to approve the Annual Financial Report. Motion carried unanimously.

E. Unfinished Business - none

F. New Business

1. Fundraising Committee – Birmingham distributed and reviewed an income/expenses breakdown for the Dancing in the Spooky Stacks fundraiser scheduled for October 24. She noted that the newspaper ads did not pay off in any way and we sold half the number of tickets that we sold in 2011. Suriano thanked library staff for the amount of work and great effort that has gone into the project. Damon, Krupicka, Ruscitti and Suriano volunteered to be on a Fundraising Committee. The committee will examine and discuss fundraising ideas. The Board suggested that they also study what kind of fundraising is already being done in the community and what has been successful in other parts of the country.
2. Request for \$2,000.00 for Playaway Launchpads for Kids and Teens – Bukovac said the items would support early literacy and learning and would cover STEM and language education. They come pre-loaded and in a case with a power adapter. They would be available for checkout. The library already owns Playaway Views and Audio Books and is

very happy with their products. Deshmukh moved, Lacayo seconded to approve the request for \$2,000.00 for Playaway Launchpads for kids and teens. Motion carried unanimously.

- 3. Request for \$1,000.00 for Digital Equipment to Support Creating Music – Bukovac said the equipment would be for patrons to use in the library and would include a keyboard, guitar and microphone which would connect to the iMac. Lacayo moved, Megaridis seconded to approve the request for \$1,000.00 for digital equipment to support creating music. Motion carried unanimously.
- 4. Request for \$500.00 for Mac Software – Bukovac said that the request is based on a donation we received from a patron who requested that we use the money to purchase specialty Mac software to expand the options for people using the Mac. Deshmukh moved, Ruscitti seconded to approve the request for \$500.00 for Mac software. Motion carried unanimously.

G. Adjournment

At 7:09 p.m. Krupicka moved, Deshmukh seconded to adjourn the meeting. All ayes. Motion carried unanimously.

\_\_\_\_\_  
Beena Deshmukh, Secretary



# Indian Prairie Public Library Foundation

## August 2016 Treasurer's Report

### Bank Balances at The Community Bank of Willowbrook as of 08/31/2016

	General	Chan	Dimpy	Leban	Total
Checking	\$38.03	\$0.00	\$0.00	\$0.00	\$38.03
Money Market (97% General, 2% Chan, .05% Dimpy, .05% Leban)	<u>38,685.43</u>	<u>1,010.23</u>	<u>73.91</u>	<u>148.07</u>	<u>\$39,917.64</u>
<b>TOTAL</b>	<b>\$38,723.46</b>	<b>\$1,010.23</b>	<b>\$73.91</b>	<b>\$148.07</b>	<b>\$39,955.67</b>
<b><u>Income from January - August 2016</u></b>					
Money Market Interest	\$26.50	\$0.55	\$0.08	\$0.16	\$27.29
Donations	<u>3,145.92</u>	-	-	-	<u>3,145.92</u>
<b>TOTAL</b>	<b>\$3,172.42</b>	<b>\$0.55</b>	<b>\$0.08</b>	<b>\$0.16</b>	<b>\$3,173.21</b>
<b><u>Expenses from January - August 2016</u></b>					
Expense Total	\$3,943.82	\$0.00	\$0.00	\$0.00	\$3,943.82

### Bank Balances at Synchrony Bank as of 08/31/2016

	General				
CD - Matures 6/5/2017 at 1.25% APY	\$25,667.08	\$0.00	\$0.00	\$0.00	\$25,667.08

Foundation Income January - August 2016

Date	General	Chan Fund	Dimpy Fund	Leban Fund	Source	Total	Donor
1/4/16	50.00				Donations	50.00	Raymond & Carol Jablonski, 818 Tamarack Dr., Darien, IL 60561
1/4/16	500.00				Donations	500.00	Susan Stonesypher, 12 Lakeview Ct., Willowbrook, IL 60527
1/4/16	75.00				Donations	75.00	Leslie & Sandra E. Sandy, 173 Pheasant Hollow Dr., Burr Ridge, IL 60527
1/13/16	19.26				Donations	19.26	Monthly \$20.00 donation, Laura Wozny
1/13/16	146.40				Donations	146.40	Diane Tiapa, 15 Penobscot Street, Medfield, MA 02052 Brick purchase
2/9/16	2.36				Donations	2.36	AT&T United Way/Employee Giving Campaign Jonathan Troc
2/9/16	54.04				Donations	54.04	Amazon Shoppers
2/29/16	75.00				Donations	75.00	Marianne Anselone, 2301 Oakmont Way, Unit 201, Darien, IL 60561
2/29/16	2.40				Donations	2.40	AT&T United Way/Employee Giving Campaign Jonathan Troc
3/17/16	19.26				Donations	19.26	Monthly \$20.00 donation, Laura Wozny
3/17/16	73.05				Donations	73.05	Antara Nath Rivera, 618 72nd Street, Darien, IL 60561 Brick purchase
3/22/16	150.00				Donations	150.00	Alexander & Yun Kipnis, 8 Morgan Ct., Burr Ridge, IL 60527 Brick purchase
3/22/16	75.00				Donations	75.00	Mark Associates, 7643 Apple Tree Lane, Willowbrook, IL 60527 Brick purchase
3/31/16	19.26				Donations	19.26	Monthly \$20.00 donation, Laura Wozny
3/31/16	109.72				Donations	109.72	Andrea Senese, Meredith McCarthy, 6406 Old Lemay Ferry Rd. Imperial, MO 63052
4/4/16	75.00				Donations	75.00	G. Dyskie, 1005 Hinsdwood Dr., Darien, IL 60561 Brick purchase
4/4/16	2.40				Donations	2.40	AT&T United Way/Employee Giving Campaign Jonathan Troc
4/6/16	10.00				Donations	10.00	Michael Sinatra, 2911 Chimney Rock Dr. #17, Nacogdoches, TX 75965-3245
4/26/16	2.40				Donations	2.40	AT&T United Way/Employee Giving Campaign Jonathan Troc
4/26/16	75.00				Donations	75.00	Scott & Karin Sidney, 43 Garfield Ridge, Willowbrook, IL 60527 Brick purchase
5/2/16	293.10				Donations	293.10	Hinsdale South Investment Club, Jeff Waterman, 857 Morningside Dr., Schaumburg, IL 60173 \$300.00 Teen Ac
5/9/16	59.21				Fundinc	59.21	Amazon Shoppers
5/19/16	36.97				AmazonSmile	36.97	Amazon Shoppers
6/15/16	2.40				Donations	2.40	AT&T United Way/Employee Giving Campaign Jonathan Troc
6/15/16	833.00				Donations	833.00	Darien Woman's Club, P.O. Box, Darien, IL 60561
6/24/16	293.10				Donations	293.10	Joe Heery, 556 Ridgemoore Drive, Willowbrook, IL 60527
7/26/16	24.15				Donations	24.15	C J Tracy, 6937 High Rd., Darien, IL 60561 \$25.00 donation
8/15/16	61.25				AmazonSmile	61.24	Amazon Shoppers
8/22/16	7.20				Donations	7.20	AT&T United Way/Employee Giving Campaign Jonathan Troc
<b>Total</b>	<b>3,145.93</b>					<b>3,145.93</b>	

Foundation Interest Income-Money Market

1/31/16	3.16	0.06	0.01	0.02	3.25
2/28/16	3.41	0.07	0.01	0.02	3.51
3/31/16	3.40	0.07	0.01	0.02	3.50
4/30/16	3.17	0.06	0.01	0.02	3.26
5/31/16	3.53	0.08	0.01	0.02	3.64
6/30/16	3.27	0.06	0.01	0.02	3.36
7/31/16	3.08	0.06	0.01	0.02	3.17

8/31/16	3.48	0.09	0.01	0.02	3.60
Total	28.50	0.55	0.08	0.16	27.29



Library Foundation Proposal by Ann Stovall  
WiFi Hotspots with Mobile Broadband Internet Service: 4G LTE Hotspots by Mobile Beacon

**Summary:**

The 4G LTE wireless broadband service offered by Mobile Beacon uses the same network as the 4G services offered by many telecommunications companies. Its download speeds average 6 to 8 megabits per second, with peak speeds of 25. Each hotspot allows a user to connect up to five devices. The Hotspots would be used in two primary ways:

- Expand our current Tech Takeout service
- Support library services

Internet access is a necessity as any other utility. Due to high and continuing costs of Internet access there are still people that do not have access to the Internet from home. The library provides services such as eLibrary, databases and circulating devices (Rokus, Chromebooks, etc.) that require access to the Internet. By providing a hotspot lending program we enable members to access all of our services when and where they need it and help to close the digital divide in our community. Circulation hotspots will help accomplish strategic plan goals, such as introducing patrons to new technologies. There are several libraries that are circulating hotspots including Aurora, Brookfield, Forest Park, Evanston, Oak Park and Westmont

**Tech Takeout Services:**

The Roku streaming service has proven to be a popular service for our members. We have had 732 checkouts in about 3 ½ years. We started out with three Rokus and had to had more within the first three months due to long hold lists. We enhanced the service about 1 ½ years ago by adding Netflix. We now have eight Rokus and we just improved the service again by adding Hulu this month.

Tech Takeout service has grown from checking out Rokus and eReaders to Chromebooks, tablets and more. Internet is required to use most of these devices at home or on the go. By offering a hotspot lending program members will be able to use these devices to access the Internet at home, outdoors, traveling or other places that Internet is not available or you have to pay a fee to use it.

**Support Library Services:**

The mobile hotspots could be used to support library services by providing Internet access to the library's eLibrary collections, databases, library catalog and website to those who don't have that type of access.

In addition staff can use the hotspots to access the Internet out in the community when promoting library services, signing up for library cards, checking out materials, etc.

**Costs:**

3 WiFi Hotspots with circulating bags = \$135.00

Year 1: 3 Mobile Broadband Internet Service = \$432.00 for the year (\$12 a month per hotspot)

Total: \$567.00

This is a pilot project that would be evaluated to determine if more wifi hotspots are needed and if we should pursue funding opportunities for year two costs.



### WiFi Hotspots, additional information

Cost is normally \$70.00 per hotspot; broad band coverage is \$120 per device for 12 months

Discounted price for hotspots, may buy one or quantities of 5 or 10:

5 Wifi hotspots for \$60.00 total      12 month broadband service 5 @ \$120 each = \$600

10 Wifi hotspots for \$108.00 total      12 month broadband service 10 @ \$120 each = \$1,200

A library can place an order once a year between July 1 and June 30

Library	# of Hotspots	Circulation Status
Chicago Ridge	17	All out/5 holds
Matteson	3	All out/no holds
Blue Island	5	All out/7 holds
Hodgkins	2	All out/5 holds
Stickney Forest	12	All out/26 holds
Bellwood	9	All out/3 holds
Riverside	5	All out/no holds
Brookfield	35	All out/5 holds
Westmont	10	all out/they don't accept holds
Forest Park	19	All out/9 holds

Library Foundation Proposal  
Carvey: 3D Carving Machine by Inventables  
Prepared by Tyler Works

**Summary:**

The Carvey is an enclosed CNC milling machine used to cut or etch 2D designs into a variety of materials. Users import images and designs into a free web-based software called Easel. The software then converts the image lines into tool paths that Carvey follows with different drill bits. The Carvey would be used in three primary ways:

- Expand current library fabrication services
- Library programming
- Support library services

**Library Fabrication Services:**

The 3D Printer has proven to be a popular service for patrons. We have successfully completed 568 patron submitted print jobs since June 2014. The Carvey could potentially be an even more popular service due to an easier design process and the professional quality of finished results. As mentioned above, users can create Carvey designs from 2D images. The designs can be made directly in Easel or imported as an SVG file made in vector design software, such as Adobe Illustrator or Inkscape. This low barrier will allow a greater number of people to submit their own designs for processing. The materials available also lend themselves to creating professional quality finished products that can be both practical and artistic. The variety and costs of materials will present some potential challenges before implementing this as a service, but we could overcome these challenges by limiting the types of materials available through the library and by requiring patrons to purchase materials directly from Inventables. We are unaware of any suburban libraries or other organizations in the area that offer a similar service. We have heard that Hinsdale Central High School and possibly Hinsdale South are interested in acquiring a Carvey or a similar machine, which would allow us to support students outside of school. Use of machines like the Carvey tend to be limited to students taking relevant classes. Additionally, we would make progress towards accomplishing the strategic plan goal of "introducing new technologies to the community (2.4)" by providing access to a CNC machine.

**Library Programming:**

Staff can use the Carvey for a number of library programs for children, teens, and adults. Programs could range from a focus on how to use vector design software to focusing on how to make specific objects, such as woodblock stamps. The types of programs we could offer would be almost limitless. A Carvey would be a valuable tool for helping to realize our strategic goal of "expanding making and creation programming for all ages (2.3.1).

**Support Library Services:**

The Carvey could also be used to support library services. Staff members have used the 3D printer over the past year and half to create objects used in programs, to make functional for displays, and to make prizes/giveaways for events. The Carvey could be used in similar ways, such as making custom library cards from wood or personalized stamps. We could even use the Carvey to make a community art project. Again, the potential uses are numerous.

**Dimensions:****Machine Footprint:**

Width: 21.7 inches (55 cm)

Height: 16.6 inches (42 cm)

Depth: 20.5 inches (52 cm)

Weight: 70 lbs (32 kg)

**Maximum Dimensions for Finished Materials:**

Width (X-axis): 12 inches (30 cm)

Depth (Y-axis): 8 inches (20 cm)

Height (Z-axis): 2.75 inches (7 cm)

**Materials:**

The Carvey can be used to cut or etch a variety of materials in a variety of dimensions. Examples are listed below:

- Wood
- MDF
- Aluminum
- ABS Plastic
- Acrylic
- Vinyl
- PVC
- High Density Foam
- Cardboard

We would initially only keep a few popular materials on hand for patrons to purchase, so we don't have to maintain a large stock of materials. We would then sell the material to patrons to recoup the cost of the materials unless it was for a program. If a patron does wish to use a material we don't supply, they would be required to purchase the materials from the Inventables website for ease of use and to limit the risk of damage to our machine.

**Potential Library Stock Materials:**

- Two Color HDPE = \$4.85
- Brown Chipboard = \$0.14
- Linoleum = \$1.00-\$7.79 (Price varies based on size, 2" x 3" – 8" x 10")
- Maple Plywood = \$4.22
- Color Acrylic = \$5.00-7:50 (Price varies based on size and color)

**Costs:**

Carvey: 3D Carving Machine = \$2000.00

Standard bit set = \$26.00

AV Cart = \$275.00

Handheld Shop Vac = \$40.00

**Links:**

Carvey

<https://www.inventables.com/technologies/carvey>

Example Projects

<https://www.inventables.com/projects>

Easel Software

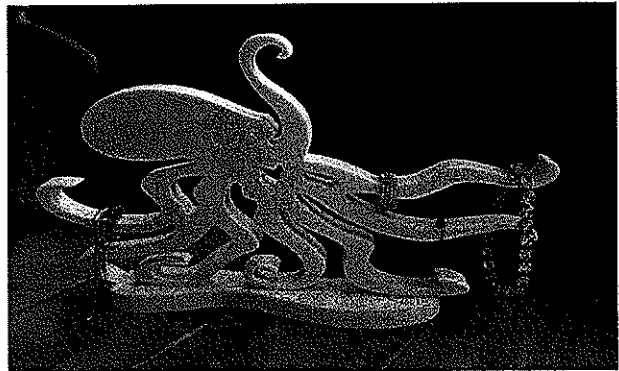
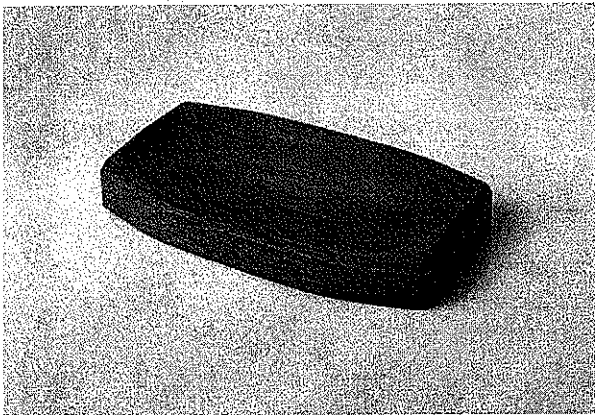
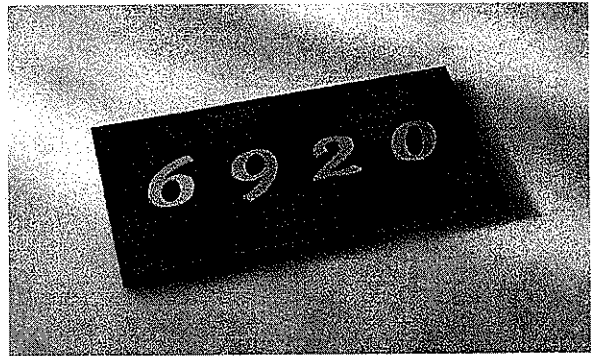
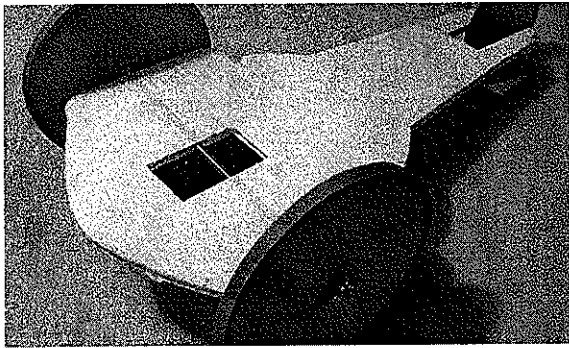
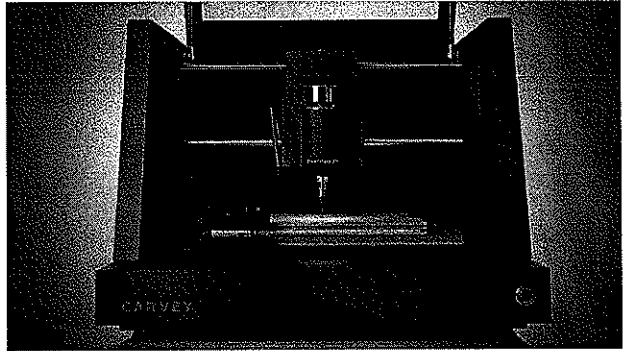
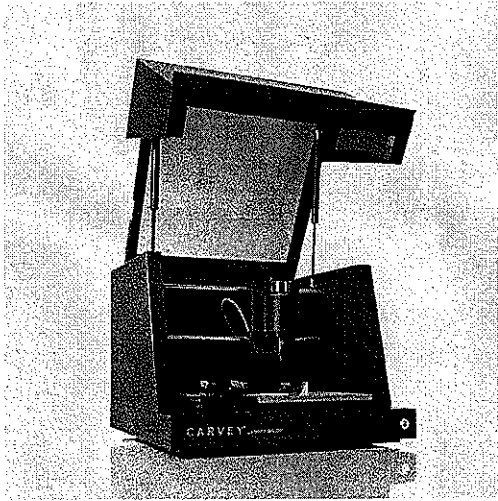
<https://www.inventables.com/technologies/easel>

Video Review

<http://www.tested.com/tech/570568-tested-carvey-desktop-cnc-machine-review/>

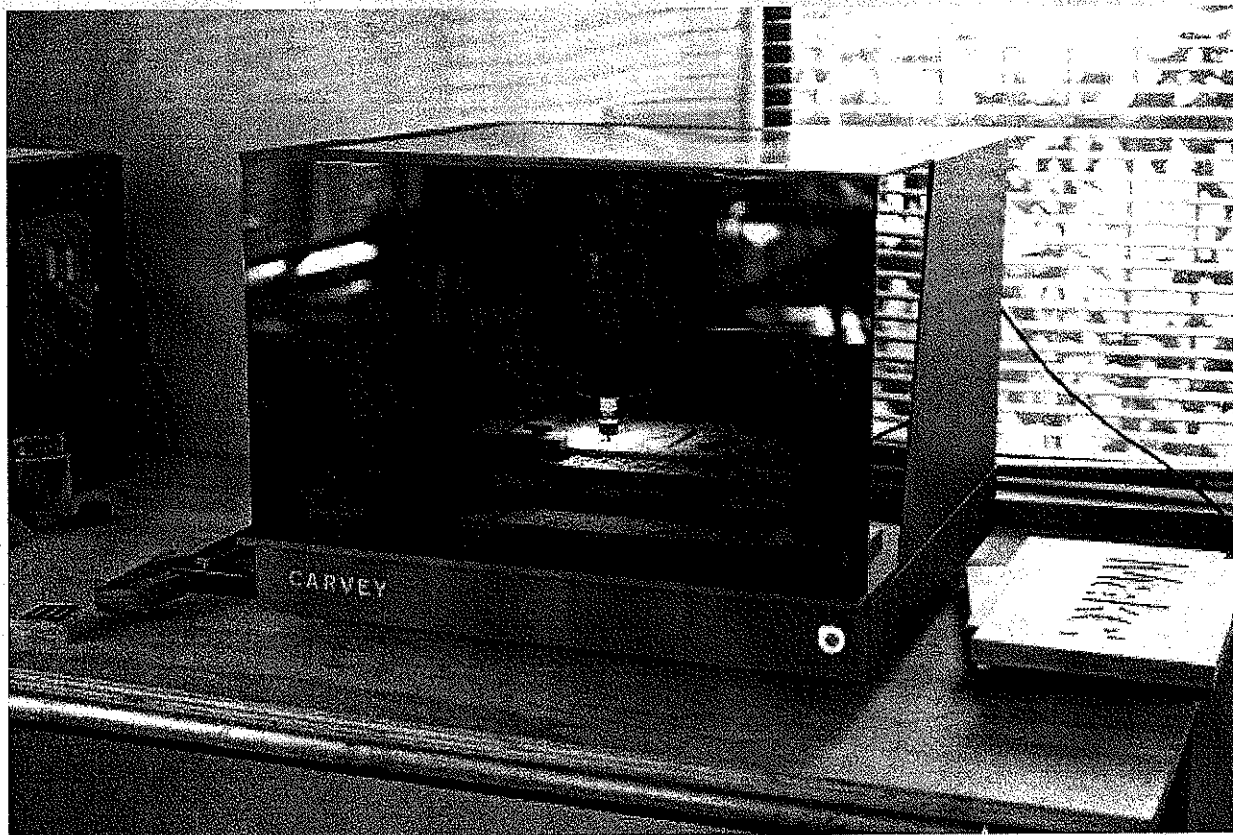
Watch from 5:00-9:00 minute mark

Time-lapse Cut from 9:00-En



From Make Magazine, November 18, 2014

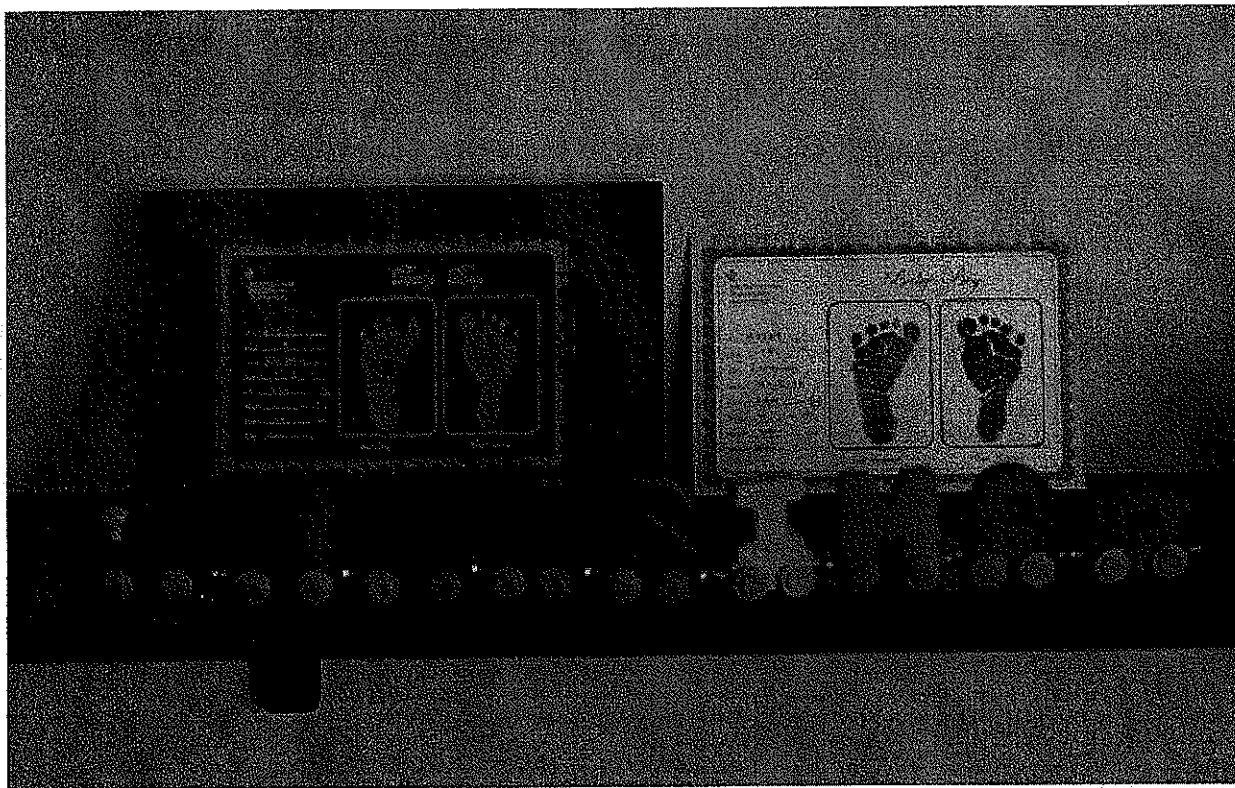
## We Spent a Week with Carvey, Inventables' New 3D Carver, and We Don't Want to Give



I've been eager to test out Carvey, Inventables' new self-contained CNC router, since it launched on Kickstarter a few weeks ago. Inventables was also keen to see what *Make:* would do with this new 3D-carving machine (as they call it), so they sent us one of their prototypes to play with. And after a week with it, I'm being honest when I say I plan to do everything I can to not return it.

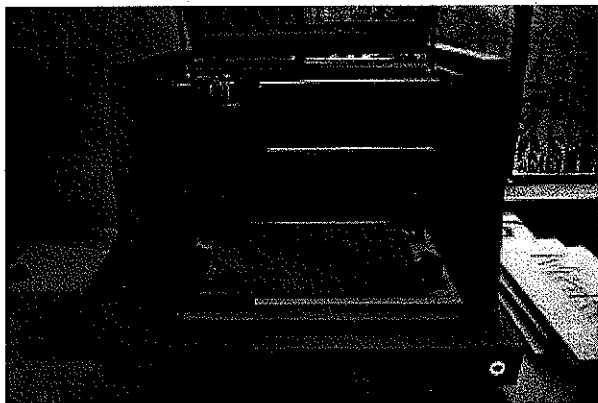
Carvey arrived the week of my son's 6-month birthday, and I wanted to make a memento for the occasion — a wooden carving of his hospital certificate, done in a two-tone color scheme using a piece of  $\frac{3}{4}$ " wood I had painted blue.

I converted a scan of his certificate into an SVG vector file (using Adobe Illustrator) and imported it into Easel, Inventables' free and incredibly easy to use CNC software, with which Carvey is designed to interface seamlessly. Set the depth for the carving, clamp the wood in place, tell the software what type of wood it is, what size bit you're using, and click "carve" — it's as simple as that, with the machine determining the necessary paths and speeds, spinning up, and creating your masterpiece. It's advertised to be minutes to go from design to carving, and this integration is what really makes the Carvey experience so addictive.



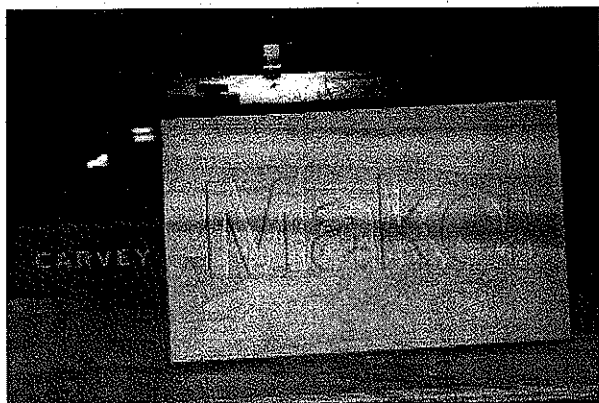
The most striking part about Carvey is its fully enclosed, sleek black design (created by MNML, the team that designed the Xbox 360). The sealed workspace is a rarity with CNC machines, and is built to keep the noise low enough to have a phone conversation while carving in the same room. I can

attest that this is indeed the case, especially with the 1/16" bits. The enclosure also holds in the chips and sawdust. Set in our work offices, there was never a mess, and the loudest noise of the process came from the vacuum we used to clean the inside of the machine when a carving was finished.



Carvey has an 8×12-inch bed with a 2.75-inch Z-depth capability. It cuts material with a beefy 300 watt spindle. It automatically interfaces with Easel, and can also process Gcode from other software packages. Priced at \$2000-\$2400 on Kickstarter, the machine has a bigger platform at a lower price than the few other self-contained CNC machines that are available.

After my first carve, I made a few other pieces for home — including a fridge magnet of my son's baby's footprints, placing magnets into press-fit holes cut precisely on the back side of the carving. I made the *Make:* logo. And I have a carving going of Makey the Robot as I type this.





I've also learned a very interesting tip about Easel and imported SVGs. When starting to use the software, you'll likely initially set the depth of the carved elements within Easel — and it can support multiple depths, allowing for some interesting multi-level creations. But it will also set the depth of a design element in an SVG file based on its shade of gray. Pure black will be cut at 100% depth, pure white won't be cut at all. If you want an intricate design to be partly cut at 50% depth and partly at 25% depth, pre-determining this is as simple as setting each area's color in Illustrator before saving the SVG file — up to 255 levels of depth can be set this way.

And with this, you can create contoured carvings on Carvey using Easel. It's not officially a feature that the company is supporting (they're working on a more official process that will be released soon, one that hopefully imports STL files into Easel), but it works and has been giving us a lot of exciting ideas about new projects to do with the machine before we return it — if we do return it, that is. Let us know if there's something you'd like us to make on it and we'll update with the results.

The Kickstarter for Carvey finishes this Thursday. For schools, design shops, or hobbyists like myself, it's a no-brainer.