



FLASHCUT CNC

CONTROL MADE SIMPLE

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FlashCut CNC Newsletter - October 2017

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Come Visit FlashCut in Chicago at Fabtech® 2017

Please come join us November 6-9, 2017 at McCormick Place, Chicago, (Booth A2823) to see our latest and greatest in plasma, waterjet, oxyfuel, and laser software and control solutions. We will be giving a sneak preview our Version 8 software along with a live demo of the easiest to use Pipe cutting controls and software in the industry. Come by our booth to have one of our experts discuss your cutting needs.

At the show we will be doing demos on:

- FlashCut Pipe CAD/CAM/CNC
- Color image import
- Simultaneous marking and cutting with plasma
- Hypertherm® HPR support
- True-shape nesting
- FlashCut Stingray® THC
- 3D cutting simulation

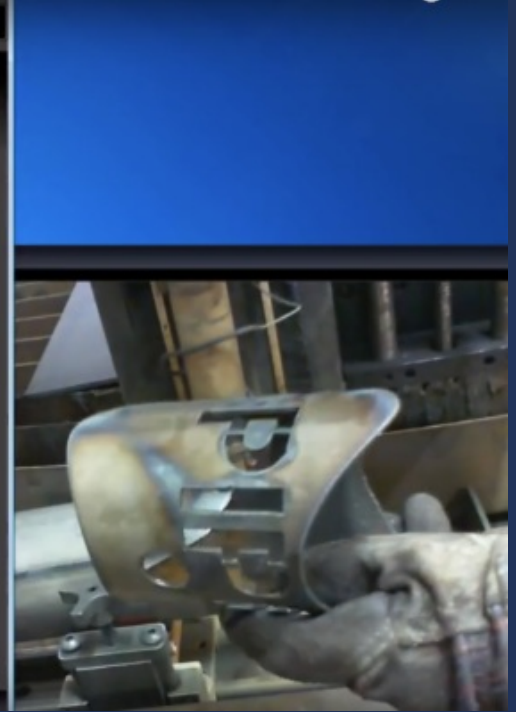
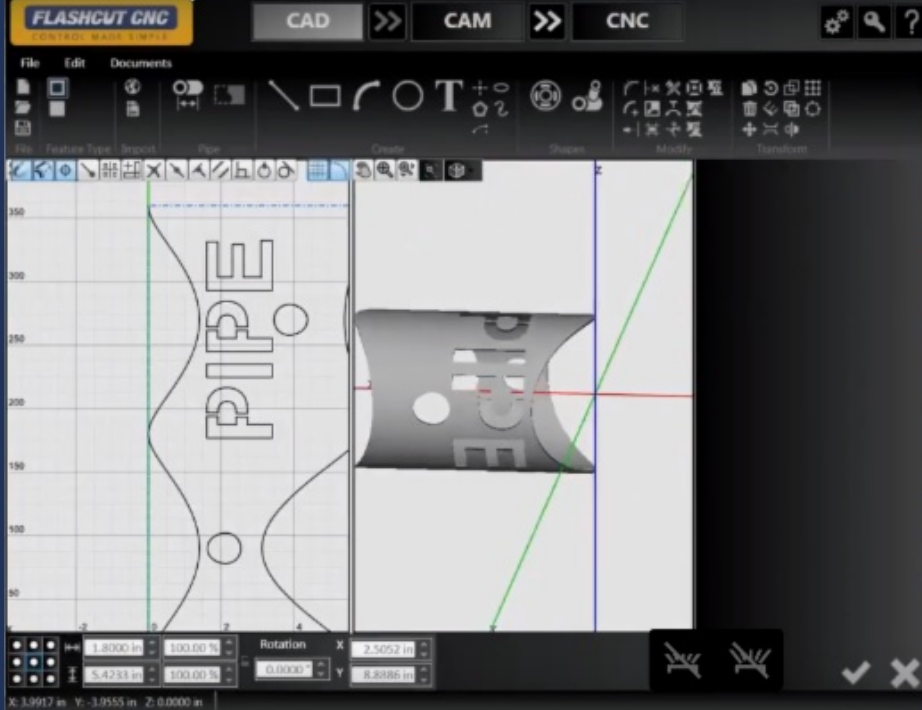


If you plan on attending, please be our guest. You can order a free pass to the show by calling us at 847-940-9305 or e-mailing us at sales@flashcutcnc.com

Introducing FlashCut Pipe CAD/CAM/CNC

FlashCut CNC is happy to announce the easiest, most powerful integrated pipe CAD/CAM/CNC on the planet. Our new pipe cutting software makes designing custom pipes and pipe joints a snap. Go from design to cutting precision round pipe in minutes. This revolutionary software packs the following features:

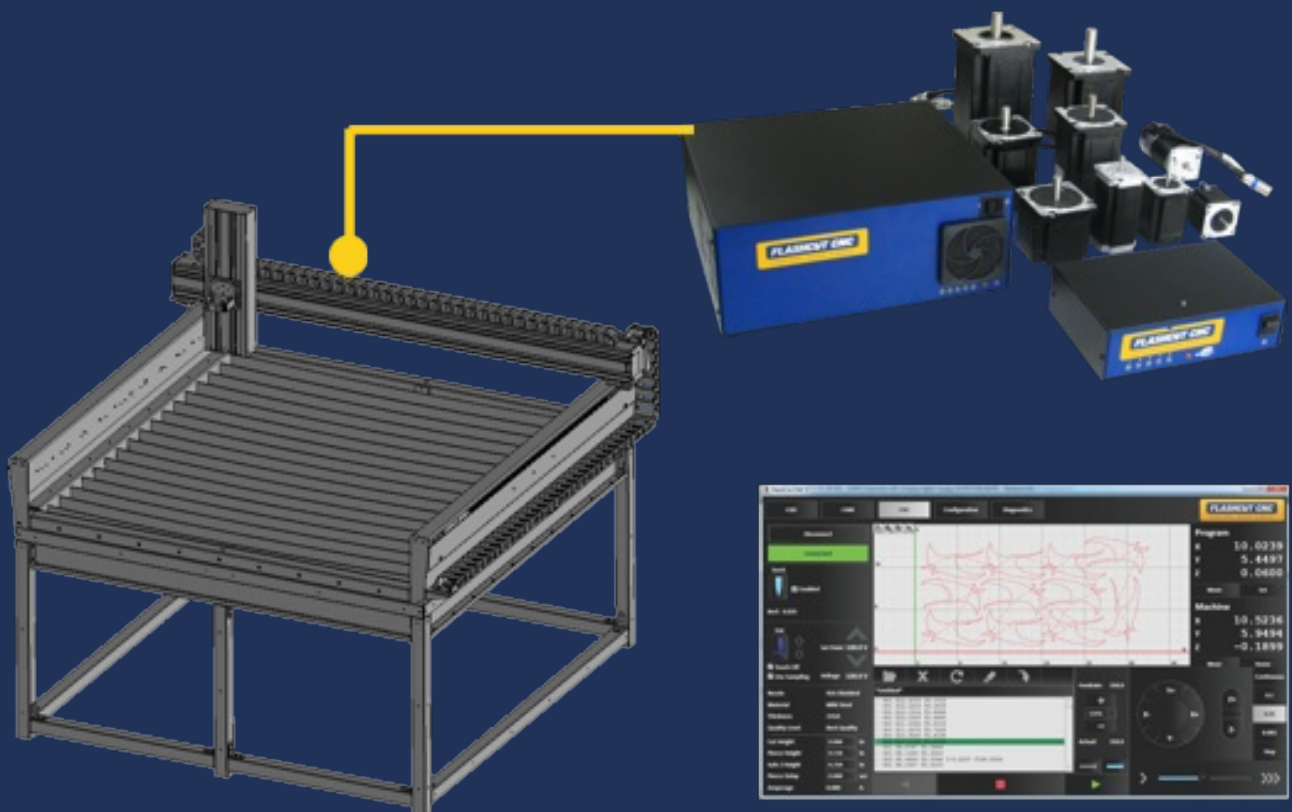
- Pipe shape wizard makes perfect cuts for mating pipes of any diameter with a multitude of joints at any angle and any size including T joints, end caps, miter joints, Y joints and through pipes.
- Pipe sizing wizard automatically sets OD, and thickness of standard pipe sizes.
- 3D solid model design of pipe joints includes disassembly to preview what both sides of the joint will look like.
- Flattened view allows for easy design of custom patterns of any shape including slots and text.
- "Ghost 2D views" show feature wrapping with no interruption.
- Fully rotatable solid model view.
- Pipe nesting of multiples of the same or different parts.
- Toolpath automatically generated in CAM.
- Simple graphical manipulation of lead ins and lead outs in CAM.
- Embedded cut charts precisely set feedrates, cut heights, pierce times and target voltages for any size pipe.
- G-Code automatically generated and loaded into CNC module.
- Full 3D visualization of rotary toolpath in CNC module while pipe is being cut.



FlashCut Pipe CAD/CAM/CNC lets you go from design to toolpath to finished pipe in minutes.

Ready to start making pipes? - Please give us a call at 847-940-9305 or e-mail us at sales@flashcutcnc.com.

Upgrade Your Plasma Table with Advanced FlashCut Controls



Breathe new life into your existing Plasma, Oxyfuel, Waterjet or Laser table. FlashCut CNC upgrades are simple and powerful. In most cases you will be up and running in a matter of hours with the latest and greatest in integrated CAD/CAM/CNC technology - saving you time and money with more productivity and less maintenance than ever before.

We have successfully upgraded hundreds of machines from Torchmate®, ShopSabre®, Vicon®, Dynatorch®, PlasmaCAM®, Baileigh®, FastCut®, MultiCam®, and other CNC plasma, oxyfuel and waterjet manufacturers. In many cases they were brand new machines that needed better controls and software. Give us a call to see why it was an easy decision for them to upgrade to FlashCut. Some examples are below:



Vicon Plasma Upgraded with FlashCut Pro-Series Microstepping Controller with Motors and Cables, Stingray THC, FlashCut Lifter with Laser Pointer and FlashCut Pro CAD/CAM



TorchMate X Plasma Upgraded with FlashCut Pro-Series Microstepping Controller with Motors and Cables, Stingray THC, FlashCut Lifter and FlashCut Pro CAD/CAM



Bulltear Plasma Upgraded with FlashCut 5A Compact Series Microstepping Controller with Motors and Cables, Stingray THC, and FlashCut Pro CAD/CAM



Baileigh Plasma Upgraded with [FlashCut Pro-Series Microstepping Controller with Motors and Cables](#), [Stingray THC](#), [FlashCut Lifter](#) and [FlashCut Pro CAD/CAM](#)



Custom Large Plasma Machine Upgraded with FlashCut Titanium Series Microstepping Controller with Motors and Cables, Stingray THC, FlashCut Lifter with Laser Pointer and FlashCut Pro CAD/CAM



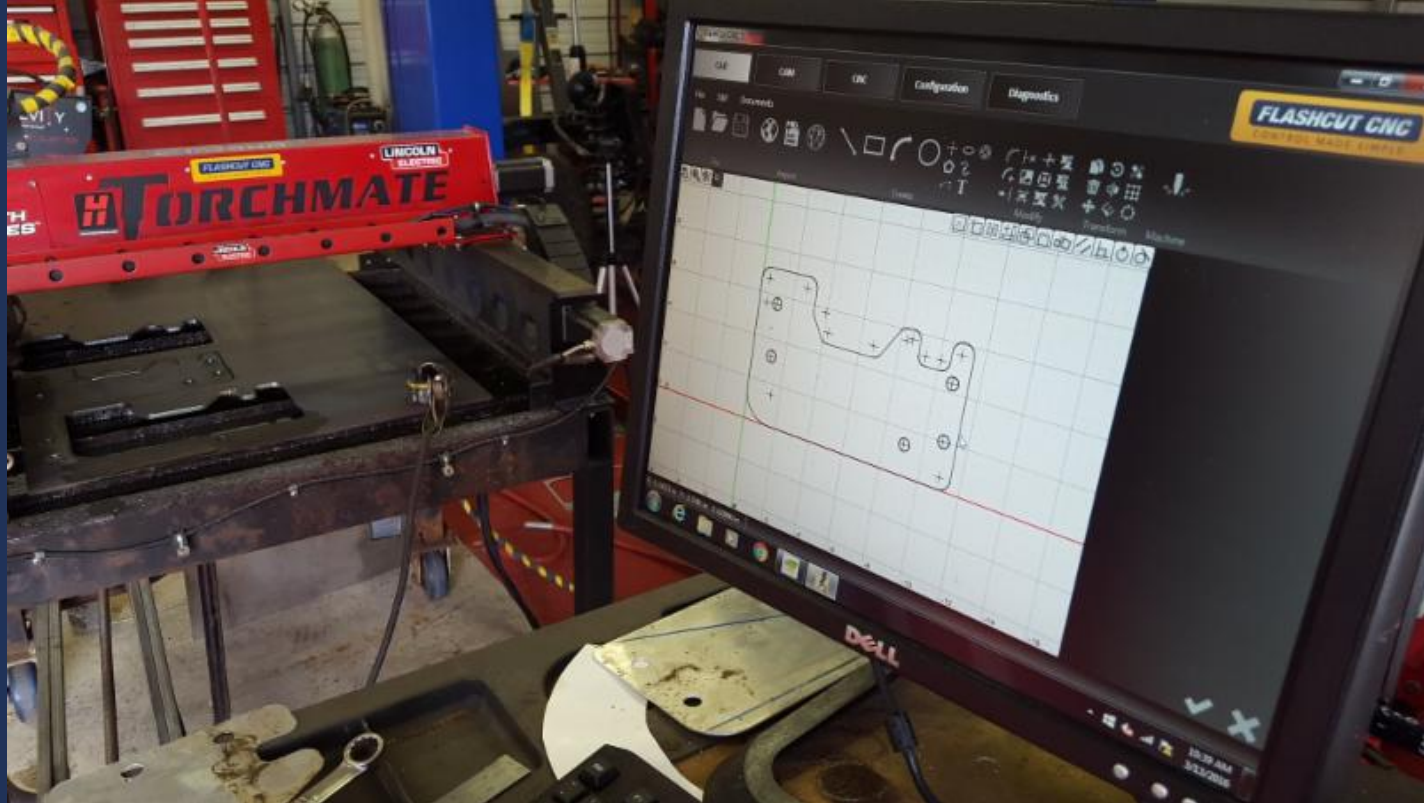
MultiCam 1000 Plasma Upgraded with [FlashCut Pro-Series Microstepping Controller](#) with [Motors and Cables](#), [Stingray THC](#), [FlashCut Lifter](#) and [FlashCut Pro CAD/CAM](#)



TorchMate Growth Series 2x4 Upgraded with [FlashCut 5A Compact Series Microstepping Controller with Motors and Cables](#), [Stingray THC](#), [FlashCut Lifter](#) and [FlashCut Pro CAD/CAM](#)



Custom Large Plasma Machine Upgraded with [FlashCut Titanium Touch Screen](#), [FlashCut Pro-Series Servo with Motors and Cables](#), [Stingray THC](#), [FlashCut Lifter](#) and [FlashCut Pro CAD/CAM](#)



TorchMate Growth Series 4x4 Upgraded with FlashCut Pro-Series Microstepping Controller with Motors and Cables, Stingray THC, FlashCut Lifter and FlashCut Pro CAD/CAM



C&G Systems Plasma and Oxyfuel Cutter Upgraded with FlashCut Pro-Series Microstepping Controller with Motors and Cables, Stingray THC, FlashCut Lifter and FlashCut Pro CAD/CAM

Have a machine that needs an upgrade? Give us a call at 847-940-9305 or e-mail us at sales@flashcutcnc.com.

Customer Spotlight: Jan Ilmer Pi Modelling

- "So how have you been doing this?"
- "Professionally? Over 20 years... around when I got my first Flashcut. 1997."

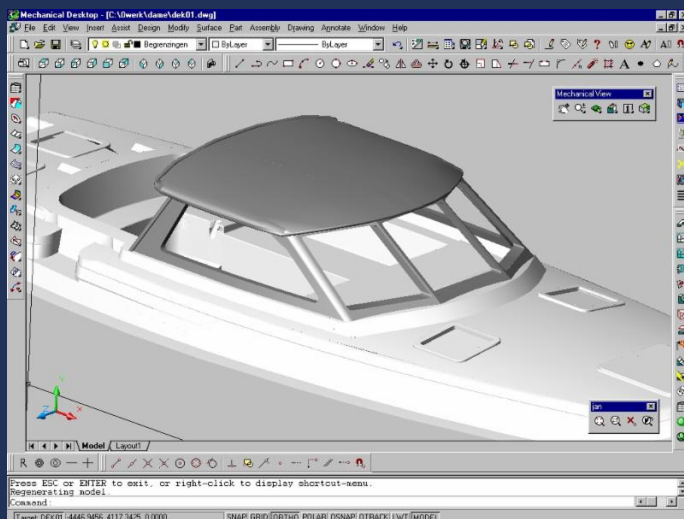


Enjoying espresso in the heart of Pi Modelling's wood shop.

Meet Jan Imer and Pi Modeling-the internationally acclaimed boat modeler and woodworker extraordinaire. Jan is one of our first customers and we paid him a visit in his hometown of Gameren, about 1 hour south of Amsterdam, Netherlands.

When we entered Jan's shop for the first time we were greeted with hugs, espresso, and some Dutch pastries that were the perfect remedy for jet lag. Custom built guitars hung from the walls, a perfect scale-model racing boat sat on his desk, and the air was filled with that beautiful scent of coffee, smoke and sawdust.

Jan and his wife and co-worker Annie gave us a whirlwind tour of their wood shop, famed in modelling circles for producing perfect scale boat models, with customers ranging from Formula 1 Racing Boats to renowned yacht designers. Still going strong today, Jan is a premier craftsman in scale modeling, powered, in part, by FlashCut and a whole lot of long, laborious hours in the wood shop.

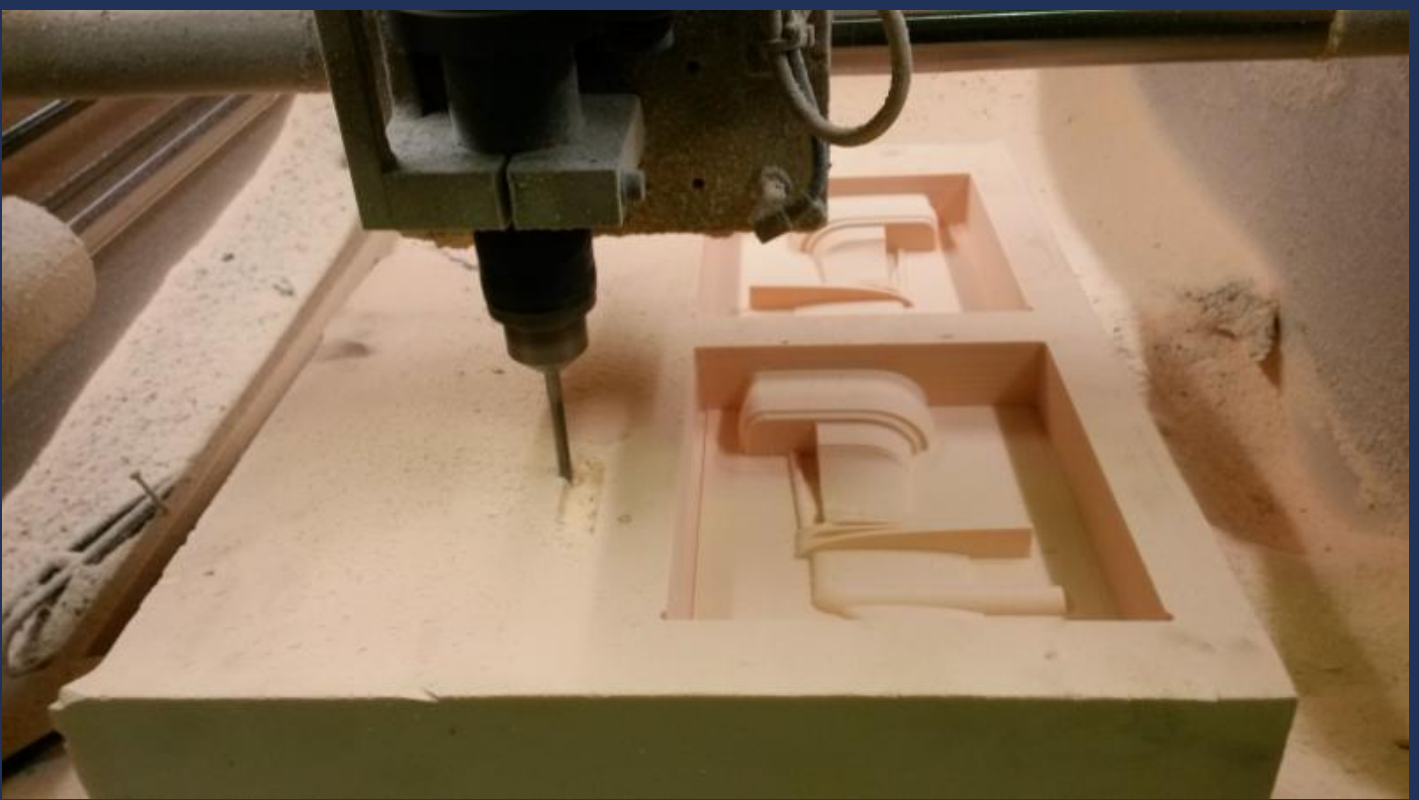




6000 hours

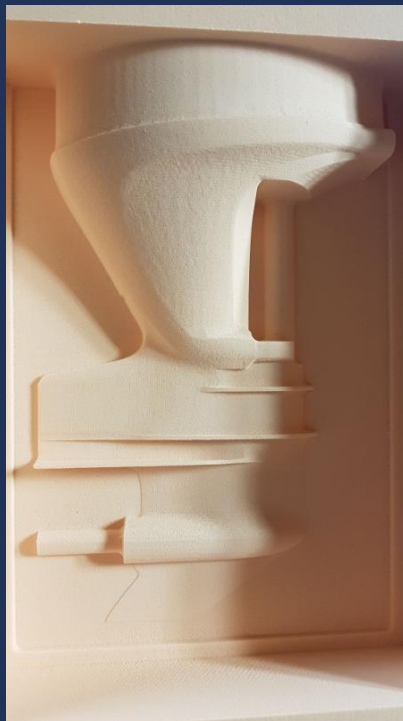
Along with all of the parts and assemblies Jan has made through the years, Jan designed and built his own CNC machine and chose FlashCut controls 20 years ago. With over 6000 cutting hours, Jan's 1997 FlashCut controller and CNC set up is still cutting precision parts - with better accuracy than the larger, newer Chinese router on his premises.

Jan uses the FlashCut almost daily. "Runs great. We only had 1 problem (a blown drive) with it the entire 20 years, in 2004-I called you guys, we fixed the problem, and haven't had a problem since," Jan explained, "This thing has seen over 6000 hours."



Formula 1 Racing, Dolls, and BMW

Jan has a gift for working with his hands. One of Jan's biggest clients is Formula 1, for which he makes scale model boats every year. As the premier sport boating group in the world, Formula 1 uses only the best, so they use Jan, and Jan uses FlashCut. Jan showed off the fruits of his 20+ years of work with FlashCut. A toy wooden doll used in a Dutch children's game sat on a shelf. Custom guitars hung around his office desk. Jan even molded a damaged part of his BMW using 1:1 milling in negative form. Below is a casting of a real working model engine made by Jan with FlashCut.



"FlashCut. FlashCut. FlashCut. "

One of the quotes of the day was from Jan himself as he narrated the tour. We couldn't help but smile as Jan pointed at boats and dolls and projects from the years, pointing and narrating, "FlashCut. FlashCut. FlashCut. By hand. FlashCut." While Jan uses FlashCut controls in designing his many intricate parts and assemblies, while some of his work is still done old-school-by hand. FlashCut is just one of his favorite tools.

Jan pointed to another favorite tool of his - an old red Weller soldering iron that Jan had gotten when he was 9 years old. We launched into stories of our first Wellers (I still have mine too).

We are humbled and proud to have played a role in Jan's expert craftsmanship and success since 1997. Customers like Jan are what FlashCut is all about-reliable, quality products with heart and an attention to customer care that is unparalleled in the industry. Thank you Jan and Annie for a wonderful visit. We look forward to supporting Pi Modeling in their many projects to come.

Update:

Jan is upgrading his FlashCut CNC controller system to our latest Compact Series Microstepper. He'll still be using his 1997 machine for part assemblies. But our new set-up will allow him to expand his toolkit and his shop's capabilities. The Compact Series controller is packed with cutting-edge features for Jan including smoother microstepping, faster speeds and higher amperage all in one compact box that is less than half the size of his older 2 box controller solution.

Visit Jan, Annie, and Pi Modelling's [webpage here](#).

FlashCut Teams up with CBO for 10th Annual Bike to Work Day

It's hard to believe, but it has been 10 years since our first bike to work day when 6 FlashCutters rode together in the wee hours to get to work on time. Now in our tenth year we couldn't be prouder as over 30 riders rode 10 - 20 miles to raise funds and awareness for College Bound Opportunities - a local charity that gives underserved students the opportunity to go to college - a chance that they would never have under normal circumstances. The weather was perfect and the breakfast was outstanding as always. Thanks to everyone who rode or supported us.

If you want more information about our Bike to Work Day event or have an organization that you think we should support for 2018, please give us a call at 847-940-9305 or e-mail us at sales@flashcutcnc.com



Please call or e-mail us today with any questions or comments about topics in this newsletter or anything else. We would love to hear from you.

Happy Cutting!

Your friends at Flashcut CNC

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