

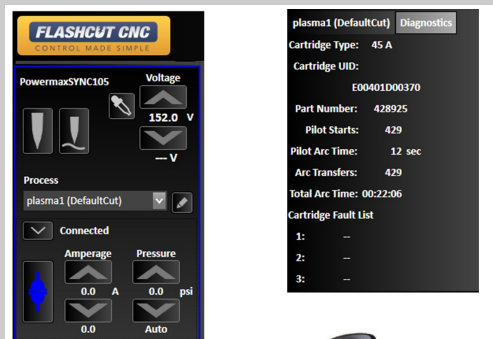
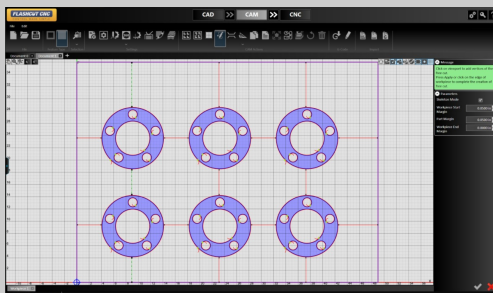
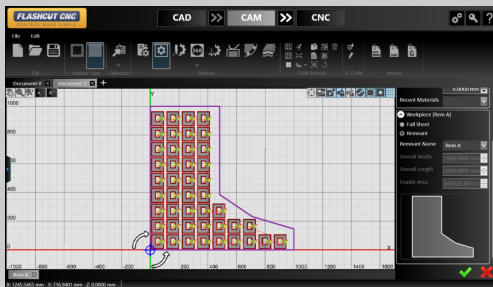
# FlashCut CNC Newsletter - August 2023



In this issue:

- Version 10 Launch and Special Discount Offer
- Version 10 Premium Plus Remnant and Special Discount Offer
- FABTECH 2023 Free Tickets
- 2023 Bike to Work Day Fundraiser for Multiple Myeloma Research Foundation

## FlashCut Version 10 is Here!



The Easiest and Most Powerful CAD/CAM/CNC Just Got Better! [FlashCut V10 Pro](#) packs new features that make it more powerful and easier to use than ever before:

- Free Cutting with Skeleton Cut so that you can easily slice and dice your finished sheet for easy disposal without putting any finished workpieces in harm's way.
- Feature-Based Processes for optimizing process settings such as cut height and feedrate per feature.
- Improved marking minimizing blemishes from dwell times.
- Powermax® Sync® Support with the latest cut charts from Hypertherm.
- Puddle Jumping for avoiding top-side dross collisions in thick plate.
- Pattern Nesting for extreme efficiency in manual nesting.
- Separating Pierces from Cuts gives you the ability to scrape off top-side dross on the entire plate between piercing and cutting cycles.
- Nesting Boundaries give graphical information on how a part is being nested.

We have also expanded and improved on our plasma machine integration add-on's. Here are some highlights:

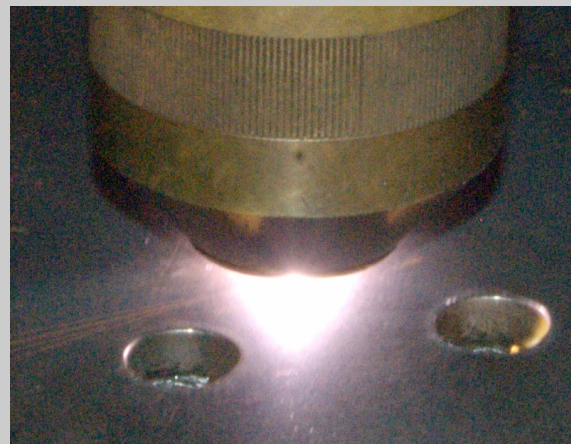
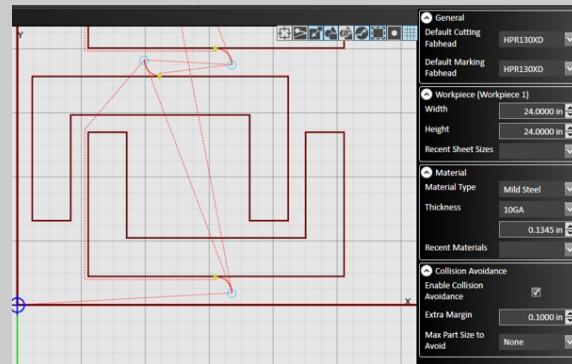
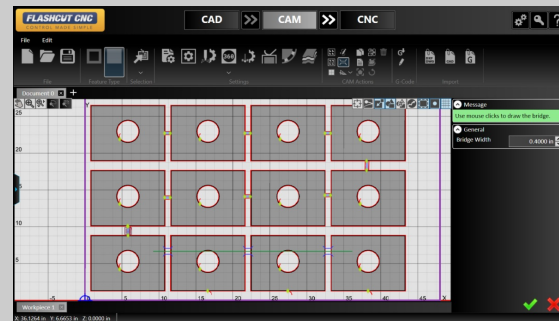
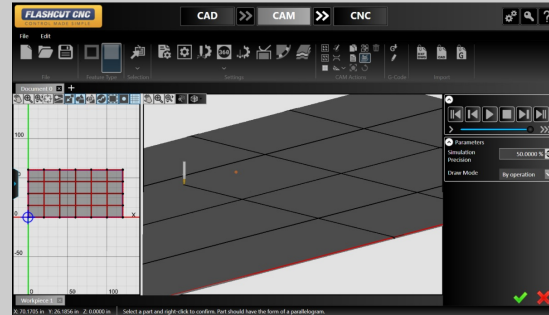
- [Improved Hypertherm XPR® Support](#) including gas mixing and Smart360® for extreme accuracy.
- [Improved Kjellberg Support](#) for different processes for internal and external features combining speed and accuracy.
- [Powermax Sync Communications](#) reports real time data for the number of pierces, cut time per consumable, and error code history per consumable. The Powermax must be equipped with a Hypertherm communications card.
- [MAXPRO200® Communications](#) for amperage and pressure settings along with error code deciphering.

**Click Here To Get 10% Off Any V10 Upgrade.  
Expires Sept. 15, 2023**

## V10 Premium & Premium + Remnant Will Save You Thousands

Version 10's Premium Package is loaded with features that will save you time and money:

- [Common Line Cutting](#) for quick and easy creation of multiple square or rectangular plates.
- [Bridge Cutting](#) for Oxyfuel cutting multiple parts without multiple preheat cycles.
- [Chain Cutting](#) for minimizing piercing in thicker material.
- [Smart360™ Hole Cutting Technology](#) for producing excellent bolt quality holes and cutouts - works with all plasma systems cutting mild steel including air plasmas
- [Advanced G-Code Management](#) for automatically loading and running a g-code from a bar-code or running a series of g-codes in batch mode.
- [Collision Avoidance](#) for re-routing rapid moves to avoid moving over parts that might be tipped up.
- [Nesting Report with Time Estimates](#) for predetermining the cost of a job with accurate part, scrap setup and labor costs.



**Workpieces:**

Workpiece 1: 49 x 36 in

**Parts List:**

- gasket(9)

Part Cut Length: 81.94 in

Part Mark Length: 0 in

Part Area: 43.3 in<sup>2</sup>

Part Material Cost: 2.3

Part Machine Time Cost: 1.1

Part Total Cost: 3.41

- Triangle(47)

Part Cut Length: 22.03 in

Part Mark Length: 0 in

Part Area: 8.15 in<sup>2</sup>

Part Material Cost: 0.43

Part Machine Time Cost: 0.29

Part Total Cost: 0.73

- Disc.2D(9)

Part Cut Length: 12.05 in

Part Mark Length: 0 in

Part Area: 9.62 in<sup>2</sup>

Part Material Cost: 0.51

Part Machine Time Cost: 0.16

Part Total Cost: 0.67

Material: Mild Steel

Thickness: 0.25 in

Total Pierce Count: 175

Total Cut Length: 1881.491 in

Total Marks: 0

Total Mark Length: 0 in

Total Part Area: 859.51 in<sup>2</sup>

Total Part Weight: 60.939 lb

Scrap Area: 742.68 in<sup>2</sup>

Scrap Weight: 52.655 lb

Scrap Percentage: 42.1 %

Kerf Area: 161.8 in<sup>2</sup>

Scrap Cost: 39.49

Total Part Material Cost: 45.7

Scrap Recovery Savings: 5.26

Job Setup Cost: 20

Used Fabheads:

- PowermaxSYNC105

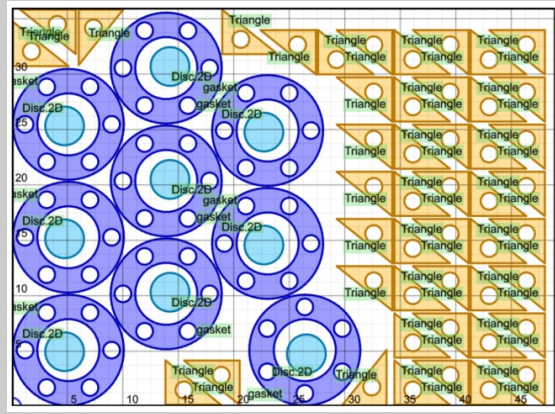
Nozzle: 105A Shielded Cartridge

Run Time: 00:17:57

Fabrication Time: 00:17:27

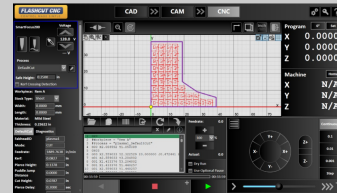
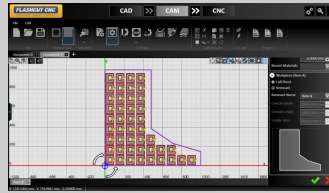
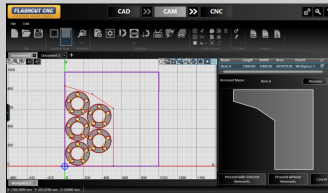
Total Machine Time Cost: 25.43

Total Job Cost: 130.62



## V10 Premium + Remnant

[Remnant Support](#) intuitively keeps track of the unused portion of each plate so you can easily nest future parts on them saving lots of material and money. You can add Remnant to the Pro Package or you can add it to the Premium Package at a discounted rate.



**Click Here for 10% Off V10 Premium or V10 Premium + Remnant Purchase or Upgrade. Expires Sept. 15, 2023**

## Join Us For FABTECH 2023





Come join us in Chicago September 11-14 for FABTECH 2023. Booth A-3313. We have a lot of great new developments to share with you such as:

- FlashCut's Cobot Cutting Application
- EtherCAT support for Hi-Def Plasmas like The Kjellberg Q and the Hypertherm XPR
- Version 10 Demos including the Premium Version and Remnant Support

If you want more information about FABTECH or any future shows, please call us at 847-940-9305 or e-mail us at [sales@flashcutcnc.com](mailto:sales@flashcutcnc.com). If you can't make it to a show, feel free to contact us to schedule a live demo or a tour in our Deerfield, IL USA HQ.

**Send us an e-mail for a Free Ticket to FABTECH**

**Join or Support Us For Our 15th Annual  
Bike to Work Day for Multiple Myeloma**

# FLASHCUT CNC

CONTROL MADE SIMPLE

## 15th Annual - 2023 Bike to Work Day



MULTIPLE MYELOMA  
Research Foundation

25<sup>th</sup>  
ANNIVERSARY

FlashCut CNC is proud to announce our 15th annual Bike to Work Day which will take place on Thursday, Aug 10<sup>th</sup> 2023 starting at 7:30AM. Each year we choose a charity that is near and dear to our hearts related to our employees, community or customers. This year all proceeds from the event will go to the Multiple Myeloma Research Foundation (MMRF). Multiple Myeloma is a blood cancer that develops in the plasma cells in the bone marrow. It is the second most common blood cancer and there is no known cure at this point. This terrible disease especially hits home for us as Ron's (one of our founders) wife, Pamela was diagnosed with it about 2 years ago. Since then, we have become part of an incredible community of MM warriors, caretakers and physicians who all have one goal in mind – finding a steadfast cure. Some amazing research and breakthroughs have been happening worldwide in MM and other blood cancers– thanks to incredible support and donations from people and corporations world-wide. FlashCut is proud to dedicate this year's fundraising effort to help get even closer to a cure. 100% of all donations will go to the MMRF which is a 501(c)3 Organization.

[Click Here to Support MMRF](#)

[Click Here If You Are Interested In Riding With Us](#)



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