

FlashCut CNC Newsletter - June 2020

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FlashCut Announces Enhanced Oxy-Fuel Support

Oxyfuel



Preheat

Delay: 20.0 sec

Countdown: 11.3 sec

Time Elapsed: 8.7 sec

 ☐ Dry Run

Stock Type: Sheet

Material: Mild Steel

Thickness: 3 in

Feedrate: 9.000 in/min

☐ Use Automatic Ignition

Ignition Delay: 0.500 sec

Pierce Delay: 1.500 sec

Purge Delay: 1.000 sec

☒ Use Water

Kerf: 0.110 in

Creep Rate: 100 %

Creep Time: 0.000 sec

FlashCut's New Oxy Fuel CAD/CAM/CNC software puts all of the gas and ignition controls at your fingertips from preheat to pierce to XY cutting.

Features:

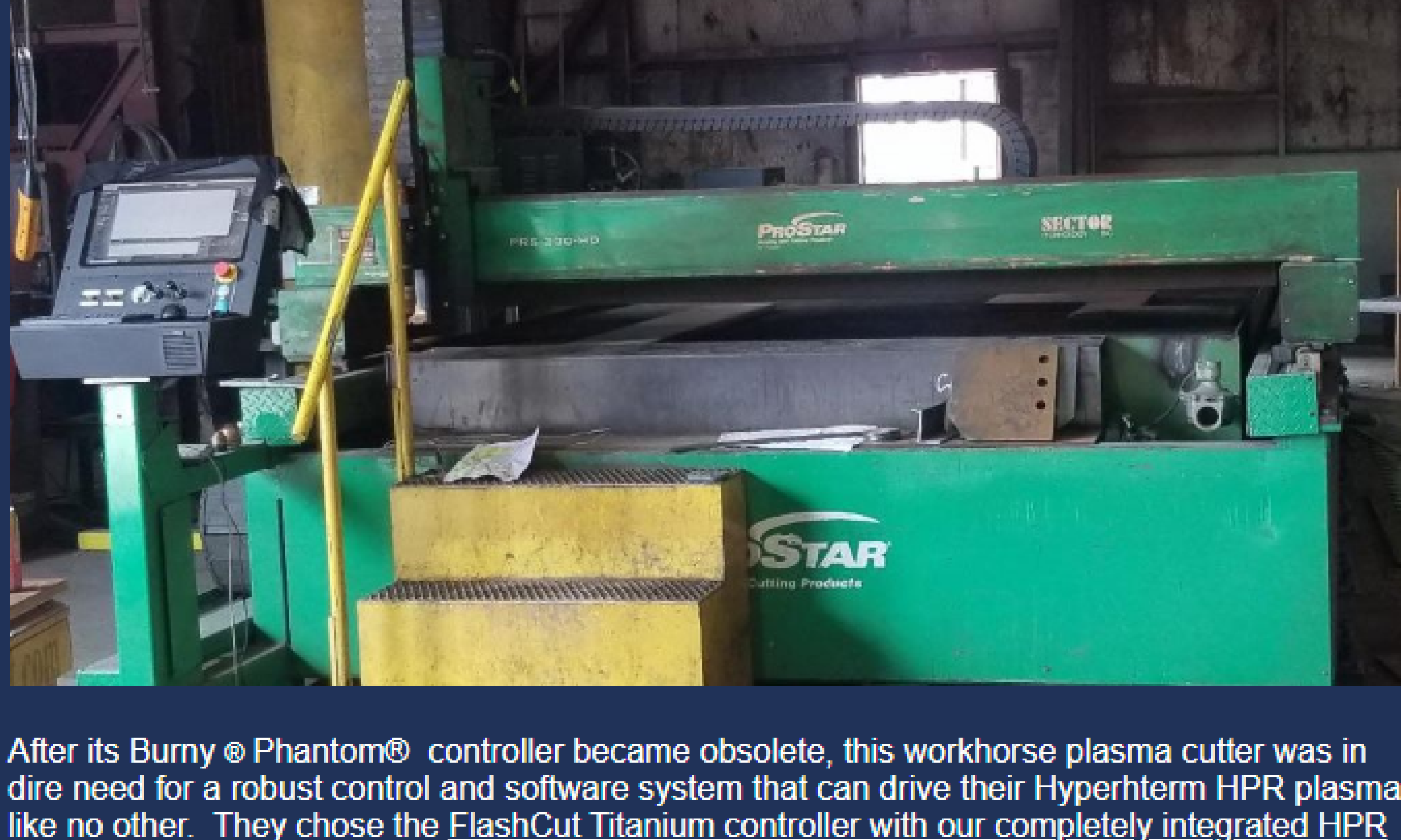
- All Oxy-fuel gas and ignition controls are at your fingertips including 2 preheat levels, pierce, water usage and purge delay
- Hold, set and release preheat buttons allow operator to set and repeat the preheat time
- Precision gas control makes sharp, accurate cuts
- Creep speed during lead-in minimizes splattering
- Cut charts for leading brands of Oxy-fuel torches takes the guesswork out of kerfs and feedrates
- Real-time jogging to vary the height while cutting
- Easily add control buttons on the screen for multiple torches

Call or e-mail us today to see how the [FlashCut Oxy Fuel CAD/CAM/CNC software and controls](#) can greatly increase your productivity

Quote Builder

Request a quote today for an OXY-Fuel controller or retrofit.

Retrofit Spotlight - Hypertherm® HPR® High Definition Plasma



After its Burny® Phantom® controller became obsolete, this workhorse plasma cutter was in dire need for a robust control and software system that can drive their Hypertherm HPR plasma like no other. They chose the [FlashCut Titanium controller with our completely integrated HPR plasma and auto-gas control](#). After the retrofit, this machine has never been more productive.

There are a lot of Burny Phantom and Hypertherm Edge-Pro® controllers currently on machines that have become obsolete due to the expiration of Windows XP and outdated electronics and software. Many of these machines have been upgraded to our Windows-10 powered Titanium controller with integrated CAD/CAM/CNC software tailored for HPR plasma and auto-gas control support. This along with Stingray® THC and Smart360 make these machines into workhorse production machines making precision parts and bolt-hole quality holes.



You can view a examples of other plasma retrofits on the "Retrofits" tab [here](#).

Quote Builder

Request a Quote for a Retrofit Today

For more information, contact sales@flashcutcnc.com or call us at 888-883-5274.

FlashCut Works with Medical Device Company and Chicago Area Hospital Group to Develop Ventilator for Covid-19 Pandemic



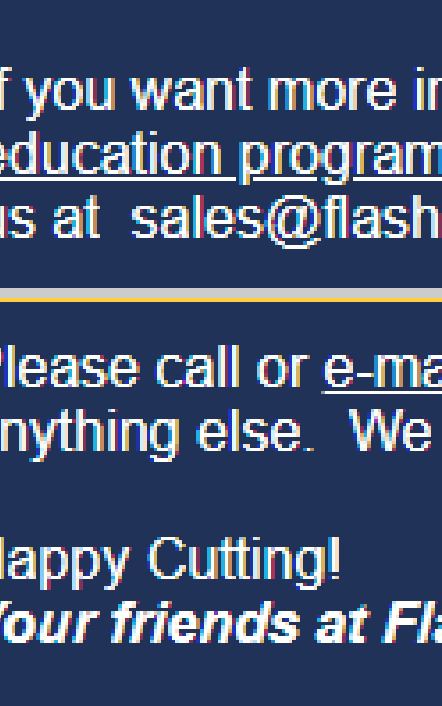
The past few months have rocked everyone's lives and as you are reading this we hope that you and your loved ones are healthy and safe. In the wake of the Covid-19 pandemic in early March, FlashCut went into action immediately. First, our entire engineering team brought their workstations home and started banging out code and designing hardware and electronics from their home offices. We also trained some of our production team to be software testers and kept a small production team here in our plant to keep on-time deliveries to our essential customers.

As if this quick transformation wasn't enough challenge for our team, The FlashCut team worked with a Chicago Area hospital group to develop a sorely needed ventilator alternative to help Covid-19 patients. Our team, with the help of our amazing business partners and pulmonary physicians went into quick action and had a full working prototype with software, electronics and hardware within 2 weeks. The design was initially inspired by the MIT E-Vent ventilator project and has transitioned into a production model for a new medical device company - Bag Valve Automation. [The Bag Valve Automation Robot](#) is being delivered to the first hospital this week for testing in their pulmonary lab.

We are hoping that this device will be able to save patients and keep medical staff out of harms way when dealing with very ill patients. The amount of effort and success that was packed into a very short period of time is nothing short of remarkable and we couldn't be more proud of our team.

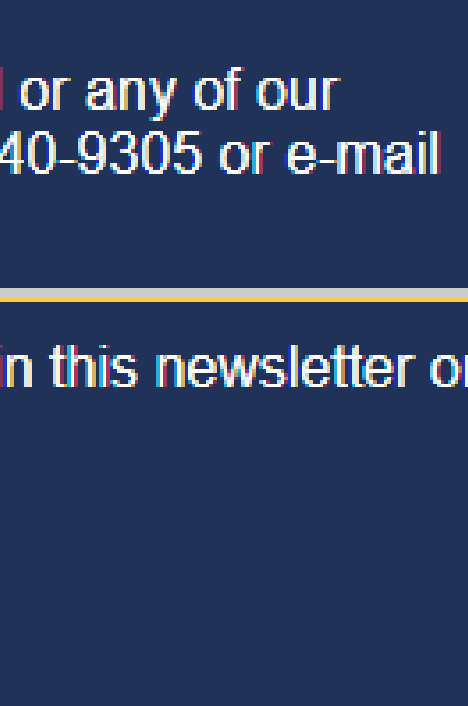
2020 FlashCut Future Engineer's Scholarships Awarded

The FlashCut CNC Future Engineers Scholarship Award is given annually to college-bound students pursuing an engineering or science degree at a four-year college or university.



This year, FlashCut CNC is pleased to announce two joint winners: Kyla Guru and Jairon Hsieh. Kyla will be studying Computer Science at Stanford University and Jairon will be studying Biomedical Engineering at the University of Illinois. Congratulations to both outstanding students!

We also want to recognize all of the graduates of 2020 be it high school or college, we know this year has been an especially big challenge.



If you want more information about our Future Engineers Scholarship Award or any of our [education programs](#), we would love to share. 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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