

ARC MAX UNLIMITED

FLASHCUT CNC

CONTROL MADE SIMPLE



Specs and Pricing



**CUTTING
SYSTEMS**

**ARCLIGHT
DYNAMICS**

Specifications

FLASHCUT CNC
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Drive Train and Guidance System

- Four 940 oz NEMA 34 Precision Stepper Motors
- 3:1 Gear Reduction
- Spring Loaded Precision Rack and Pinion Drive
- X & Y Axis has Dual 20mm Linear Guides w/ Hiwin Slide Blocks
- Floating Head Z Axis - Anti Backlash Lead Screw
- Magnetic Torch Mount
- Maximum traverse speed of 800 ipm

Motor Control

- FlashCut Pro-Series Controller
- Integrated Stingray® Torch Height Control

Power & Air Requirements

- Hypertherm Plasma Cutters available in 200-600V Single Phase or 200-600V 3 Phase
- Control Cabinet 110v @ 15A
- Air Compressor minimum 15CFM @ 90 PSI

Frame Construction

- Reinforced, Unitized Frame, Welded and Powder Coated 3"x3" Box Tube
- Gusseted Legs
- 3/16" thickness wall steel tubing
- Standard 1.5" Slat Spacing, Infeed Material Rollers & Frame Skirts
- Gantry Carriage w/ Low Mass Engineered Extruded Aluminum
- 7" Gantry Clearance Standard
- 8" Deep Galvanized Steel Water Pan w/ Two (2) 1.25" Ball Valve Drains
- Weight capacity of 3" Thick Mild Steel
- Positioning Accuracy: .001"
- Part Repeatability 0.003"

Computer and Software

- Windows Mini Computer
- FlashCut Pro Integrated CAD/CAM/CNC
 - > Smart 360™ hole cutting technology
 - > Automated CAM w/ True-Shape Nesting
 - > Real-time amperage & pressure control
 - > Cut wizard automatically sets cut parameters
 - > Intuitive CAD with easy image import
 - > Comprehensive drawing tools with simple text bridging

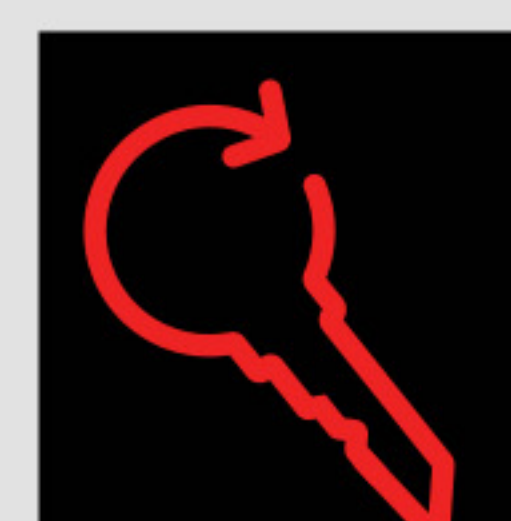
The Arc Max Unlimited is built on a reinforced welded and unitized frame of thick steel tubing. The precision designed gantry is engineered from low mass aircraft grade aluminum, providing exceptional rigidity and first-class acceleration and deceleration characteristics.

FlashCut CNC comes standard on all Arc Max Unlimited tables. Decades of experience, superior features and tens of thousands of satisfied customers world-wide make Flashcut CNC's fully integrated CAD/CAM/CNC plasma control system among the best in the world.

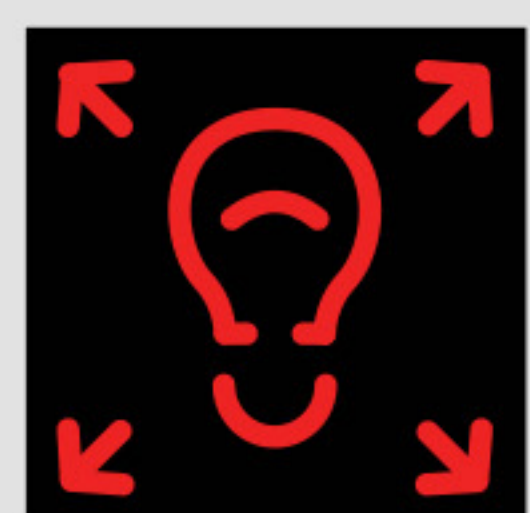
The Arclight Dynamics Difference



Performance & Reliability



Turnkey



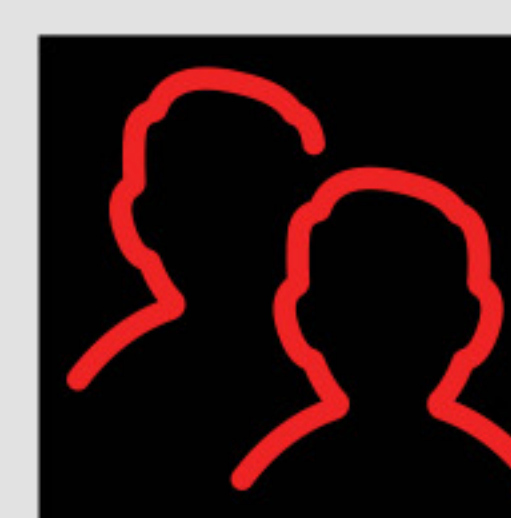
Versatility



Build Quality



Affordable Price



Comprehensive Support

6x12

Cutting Envelope: 147" L x 73" W x 6.75" H
Overall Dimensions: 200" L x 124" W x 60" H
Shipping Dimensions: 171" L x 100" W x 60" H
Dimensions at Base: 158" L x 82" W
Water Pan Capacity: 360 Gallons
Overall Weight: 3,900 lbs.



FLASHCUT CNC

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Cutting Envelope: 124" L x 62" W x 6.75" H
Overall Dimensions: 176" L x 112" W x 60" H
Shipping Dimensions: 147" L x 88" W x 60" H
Dimensions at Base: 133" L x 70" W
Water Pan Capacity: 255 Gallons
Overall Weight: 2,900 lbs.

5x10



*All tables shown with optional equipment:
Plate Marker/Engraver, Laser Torch Locator &
Collision Detection/Bevel Cutting System.

4x8

Cutting Envelope: 97.5" L x 50" W x 6.75" H
Overall Dimensions: 152" L x 100" W x 60" H
Shipping Dimensions: 123" L x 76" W x 60" H
Dimensions at Base: 109" L x 58" W
Water Pan Capacity: 168 Gallons
Overall Weight: 2,050 lbs.



FLASHCUT CNC

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MaxPro 200



The MAXPRO200® LongLife® plasma cutting system is engineered for heavy-duty, high capacity automated and handheld cutting and gouging applications. The easy-to-use system operates with either air, oxygen, or nitrogen plasma gas, and combines fast cutting speeds and quick process changes to maximize productivity. Advanced Hypertherm consumable designs – including LongLife® technology – improve cut consistency and significantly increase consumable life to lower your cost per part.

Pierce up to 1.25" mild steel (mechanized cutting)
Maximum 2" mild steel cut capacity (Edge Start)

 **HYPERTHERM**
A Hypertherm Associates Brand

Price List

FLASHCUT CNC
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6 x 12
\$39,995

5 x 10
\$37,995

4 x 8
\$35,995



ArcMax Elite Accessories

Plate Engraver \$1,900

Router Kit \$3,250

Pipe Cutter \$6,000

ArcMax Unlimited Options

Dynamic Water Control \$2,150

FC Mobile Cabinet \$1,100

FC Hand Pendant \$950

FC Laser Torch Locator \$1,000

Collision Detection &

Bevel-Cutting System \$750

Front Rollers \$300

Touch Screen Monitor \$700

Plasma Rover \$350

Cabinet Cover \$175

MaxPro 200
\$21,925
+ shipping

OxyFuel
\$5,995

