

ARC MAX

ELITE

FLASHCUT CNC

CONTROL MADE SIMPLE



Specs and Pricing



**CUTTING
SYSTEMS**

**ARCLIGHT
DYNAMICS**

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

- Unitized Frame, Welded and Powder Coated 3"x3" Box Tube
- 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 2" 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

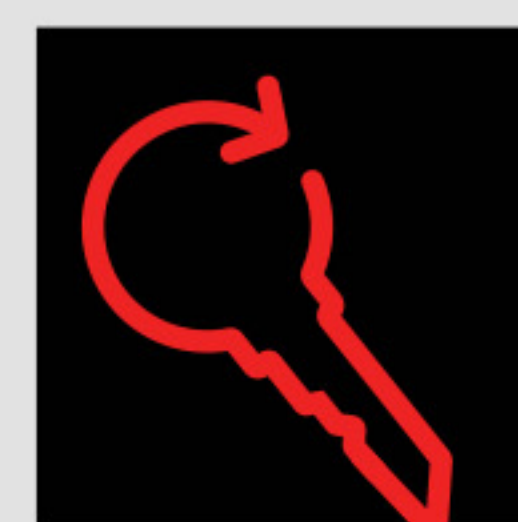
The Arc Max Elite is built on a welded and unitized frame of thick steel tubing. The precision designed gantry is engineered from low mass aircraft grade aluminum, providing exceptional rigidity and first-class acceleration and deceleration characteristics.

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

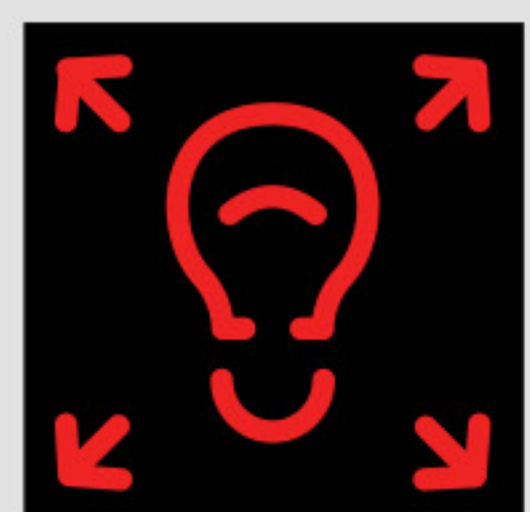
The Arclight Dynamics Difference



Performance & Reliability



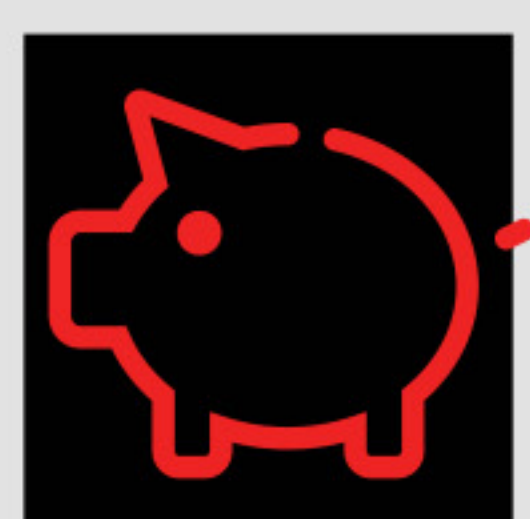
Turnkey



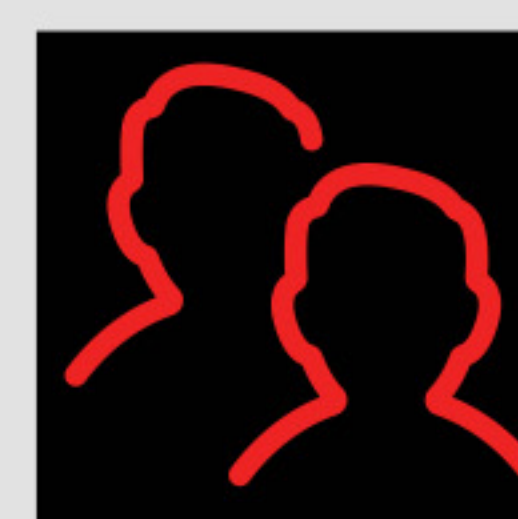
Versatility



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: 3,750 lbs.



FLASHCUT CNC

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5x10

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: 2,750 lbs.



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

4x8

Cutting Envelope: 98" 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: 1,900 lbs.



FLASHCUT CNC
CONTROL MADE SIMPLE

5x5

Cutting Envelope: 64" L x 62" W x 6.75" H
Overall Dimensions: 116" L x 112" W x 60" H
Shipping Dimensions: 88" L x 87" W x 60" H
Dimensions at Base: 68" L x 70" W
Water Pan Capacity: 125 Gallons
Overall Weight: 1,425 lbs.



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

Price List

6 x 12
\$35,995

5 x 10
\$32,995

4 x 8
\$30,995

5 x 5
\$27,995

ArcMax Elite Accessories

OxyFuel \$5,995
Plate Engraver \$1,900
FC Router Kit \$3,250
FC Pipe Cutter \$6,000
Logic Trace Systems
24"x36" \$4,150
36"x48" \$4,375
44"x60" \$4,575
Additional Sizes Available

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ArcMax Elite Standard Features

8" Deep Water Pan
High Clearance Gantry
In Feed Material Rollers
Double Slats
Frame Skirts

ArcMax Elite 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

