

ARC MAX ULTRA



Specs and Pricing



**CUTTING
SYSTEMS**



Specifications

Drive Train and Guidance System

- Four 420 oz 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
- Z Axis has Anti-Backlash Lead Screw, Floating Head
- Magnetic Torch Mount
- Maximum traverse speed of 600 ipm

Motor Control

- Arclight CNC Controller
- Advanced Digital Torch Height Control (DTHC)
- Voltage Sampling w. Height Adjust

Power & Air Requirements

- Hypertherm Plasma Cutters:
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

- ArclightCNC Controller & Operating Software
- QCAD for 2D Design & Drafting
- Inkscape Vector Graphics Editor
- SheetCAM Layout, Nesting and Tool Selection
- Preloaded with Cut Settings for MS, AL and SS
- Included Linux Mini Computer

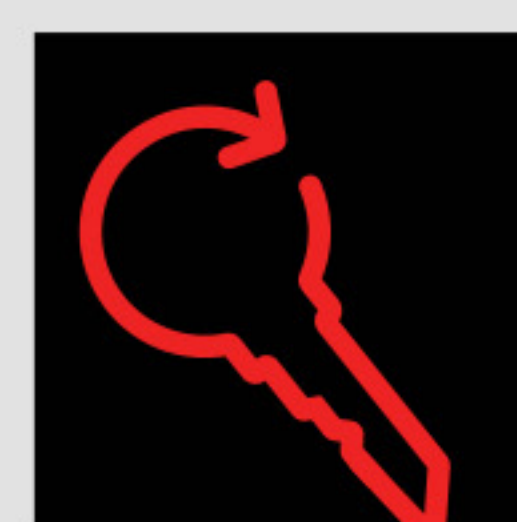
When keeping production levels high is mission critical for your business, our no-compromise Arc Max series of CNC plasma tables are the best solution for your shop. Reliability, accuracy, and efficiency are at the foundation of the design of Arc Max series tables. All backed by dedicated lifetime support for a package that can not be beat.

The Arc Max 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; most desirable in high performance CNC plasma tables. Upgrade your shop with an Arc Max CNC Plasma table today.

The Arclight Dynamics Difference



Performance & Reliability



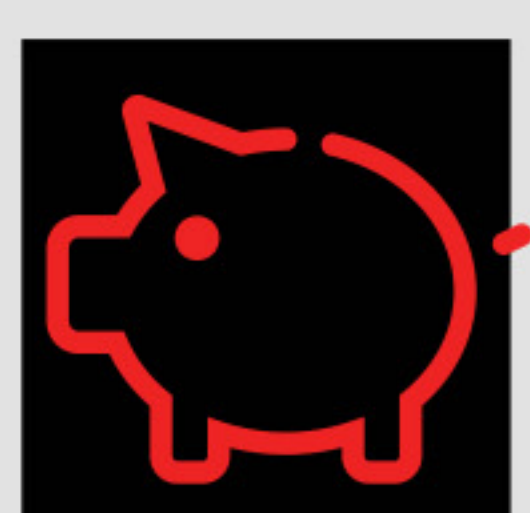
Turnkey



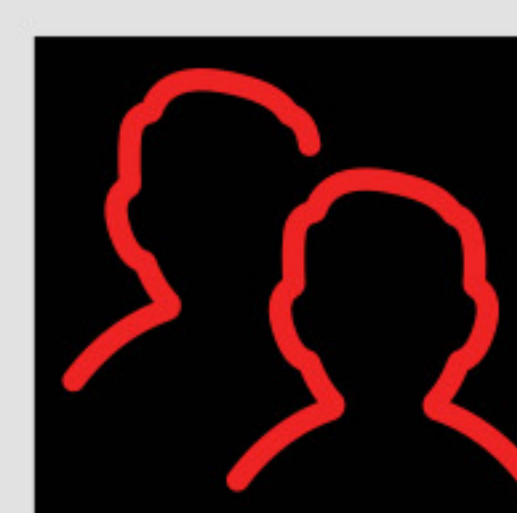
Versatility



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: 3,500 lbs.



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: 2,100 lbs.



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
\$28,995

5 x 10
\$25,995

4 x 8
\$23,995

5 x 5
\$20,995

ArcMax Ultra Accessories

Plate Engraver \$1,900

Router Kit \$1,975

Pipe Cutter \$1,900

Logic Trace Systems

24"x36" \$4,150

36"x48" \$4,375

44"x60" \$4,575

Additional Sizes Available

ArcMax Ultra Standard Features

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

ArcMax Ultra Options

ArcSync Technology \$850
Dynamic Water Control \$2,150
Mobile Cabinet \$795
Laser Torch Locator \$550
Collision Detection &
Bevel-Cutting System \$750
Front Rollers \$300
Touch Screen Monitor \$700
Plasma Rover \$350
Cabinet Cover \$175