FABRICATION PRODUCTS
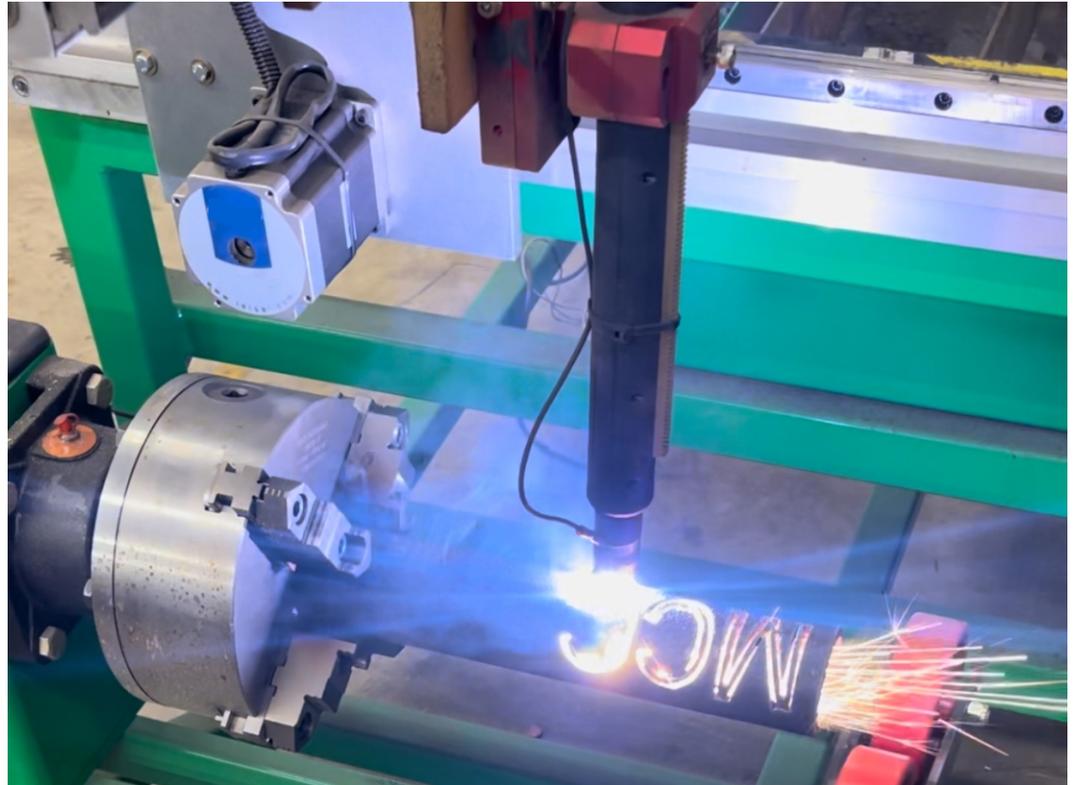
FOREST CNC

Founded in 1989

PLASMA

WATERJET

LASER

ROUTERS

MASTERCUT CNC

Complete Turnkey package includes the Powermax 45Sync, Advanced Digital Torch Height, Magnetic breakaway, cartridge reader to monitor consumable life on smart device, on-site delivery, on-site training, control computer, CAD/CAM, Starter set of consumables, 3 year on-site parts and labor warranty, lifetime free tech support via phone and web.

MasterFabCNC Plasma

MasterFab Series Plasma Models

Each of the CNC Plasma cutters below include Control Computer, CAD/CAM software, ATH, Hypertherm Powemax 45Sync Plasma system, and training tutorials. Requires 110V 20 A, 240V 50A, & 9.2 SCFM @ 90 PSI Clean, Dry, Compressed Air The floor space is about 2' larger than the work area..

MFab 48" x 20" MasterFab CNC Plasma	$ call
MFab 48" x 48" MasterFab CNC Plasma	$ call
MFab 60" x 60" MasterFab CNC Plasma	$ call
MFab 48" x 96" MasterFab CNC Plasma	$ call
MFab 60" x 120" MasterFab CNC Plasma	$ call

MasterFab CNC Plasma only options:
4x4 & 5X5 MasterFab Watertable	$ call
48X96 & 60X120 MasterFab Watertable	$ call

Key Points:
*Entry Level low cost system made of Tubular Steel
*Only model that watertable is made optional
*Able to make anything that higher end can make
*Easiest model to get upstairs due to lighter weight
*Complete Turnkey package
*Best in it's comparable price class
* Automatic Torch Height
* Magnetic Break-Away
*Ohmic touch off and automatic Digital Voltage setting
*Tutorials available
* Most popular for those on a tight budget
*Single Source 3 year, on-site, parts & labor warranty

MasterMaker CNC Plasma

MasterMaker Series Plasma Models

The MasterMaker Plasma cutters are cost effective medium duty machines made of a welded steel frame with integrated Water Table. The extra rigidity will increase speed and cut quality.

MMP 24" x 20" MasterMaker CNC Plasma	$ call
MMP 48" x 20" MasterMaker CNC Plasma	$ call
MMP 48" x 48" MasterMaker CNC Plasma	$ call
MMP 48" x 96" MasterMaker CNC Plasma	$ call
MMP 60" x 120" MasterMaker CNC Plasma	$ call

Key Points:
*Watertable Included
*Able to make anything that higher end can make
*Heavy Duty Welded Structural steel construction
*Complete Turnkey package
*Best in it's comparable price class
* Automatic Torch Height & Magnetic Break-Away
*Ohmic touch off and automatic Voltage setting
*Tutorials available
*Most popular high school and light commercial
*Single Source 3 year, on-site, parts & labor warranty

Plasma Cutters

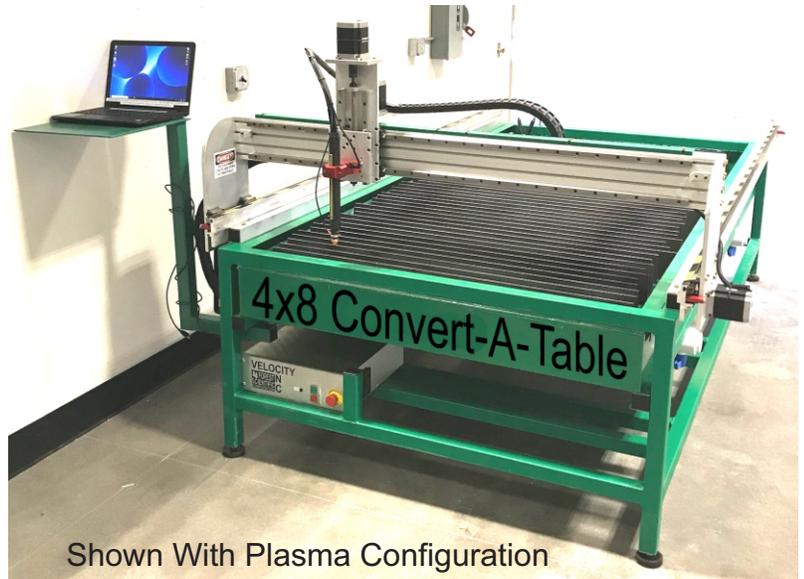*Easily go from a Google image to a finished part in minutes*

MasterPro CNC Plasma

CNC Convert-A-Table

Shown With Plasma Configuration

MasterPro CNC Plasma Models

The MasterPro CNC Plasma cutters are heavy duty machines made with a larger tubular welded steel frame with integrated Water Table. The extra rigidity will enhance cut quality and will stand the test of time with 24/7 use. It's Closed loop HyBrid Servo control assures accuracy at the fastest speeds.

MPP 24" x 24" MasterPro CNC Plasma	$ call
MPP 48" x 24" MasterPro CNC Plasma	$ call
MPP 48" x 48" MasterPro CNC Plasma	$ call
MPP 48" x 96" MasterPro CNC Plasma	$ call
MPP 60" x 120" MasterPro CNC Plasma	$ call

Key Points:
*Watertable Included
*Complete Turnkey package
*All of the features of the MasterMaker
*Adv. Closed Loop Hybrid Servos for Fastest Reliable Cut
*Heaviest Duty Welded Structural steel const. under $50K
*Most popular CTE model and commercial use
*Single Source 3 year, on-site, parts & labor warranty

MasterCut Convert-A-Table CNC Router / Plasma Models

MCAT 24" x 20" MasterCut ConvertAtable	$ call
MCAT 48" x 20"MasterCut ConvertAtable	$ call
MCAT 48" x 48" MasterCut ConvertAtable	$ call
MCAT 48" x 96" MasterCut ConvertAtable	$ call
MCAT 60" x 120" MasterCut ConvertAtable	$ call

Convert-A-Table easily changes from a CNC Router to a CNC Plasma cutter. This is a great option if you have very limited space and only need one function at a time. The disadvantages are that you only have one machine instead of 2 and these machines can not have a vacuum table system due to the conversion between router and plasma. The 48"X20" machine makes it possible to fit through a standard 36" door. With this heavy duty frame that can plow through wood with the robust 3-1/2HP router while the water table is sealed off. Remove the router table and you have the water table for plasma cutting. No other machine is designed to correctly do both Routing and Plasma cutting well. Conversion between the 2 functions takes less than 10 minutes.

Machine Torch Hypertherm Powermax Sync Systems without a Machine

088580 Powermax 45 SYNC 230V 1-PH, CSA, plus CPC port, 180° machine torch w/cartridge, (25') lead	$3,400.00
088581 Powermax 45 SYNC 230V 1-PH, CSA, plus CPC port, 180° machine torch w/cartridge, (50') lead	$3,625.00
083349 Powermax 65 SYNC 200-600V 1/3-PH, CSA, CPC port, 180° machine torch, (25') lead	$4,475.00
083350 Powermax 65 SYNC 200-600V 1/3-PH, CSA, CPC port, 180° machine torch, 15.2m (50') lead	$4,700.00
087189 Powermax 85 SYNC 200-600V 1/3-PH, CSA, CPC port, 180° machine torch, 7.6m (25') lead	$5,750.00
087190 Powermax 85 SYNC 200-600V 1/3-PH, CSA, CPC port, 180° machine torch, 15.2m (50') lead	$6,000.00
059637 Powermax 105 SYNC 200-600V 3-PH, CSA, CPC port, 180° machine torch, 7.6m (25') lead	$7,350.00
059638 Powermax 105 SYNC 200-600V 3-PH, CSA, CPC port, 180° machine torch, 15.2 m (50') lead	$7,650.00
059726 SmartSYNC handheld torch 75° 7.6m (25') lead only to use with above	$ 890.00

Hypertherm Powermax Sync Handheld systems

088560 Powermax 45 SYNC 30V 1-PH, CSA, 75° handheld torch w/cartridge, 6.1m (20') lead	$3,025.00
083343 Powermax 65 SYNC 200-600V 1/3-PH, CSA, 75° handheld torch, 7.6m (25') lead	$4,200.00
087183 Powermax 85 SYNC 200-600V 1/3-PH, CSA, 75° handheld torch, 7.6m (25') lead	$4,450.00
059625 Powermax 105 SYNC 200-600V 3-PH, CSA, 75° handheld torch, 7.6m (25') lead	$7,050.00

Powermax Duramax torch
45XP, 65 & 85
Consumables order form

Scan QR

Powermax SYNC
Consumables
order form

Plasma Cutter Upgrades and options purchased w/ CNC Machine includes consumables pack

PowermaxSync   45   Pierce 1/2" steel and cut up to 7/8"   Comes standard   - *Best option for most*
PowermaxSync   65   Pierce 5/8" steel and cut up to 1"   **$ call** upgrade
PowermaxSync   85   Pierce 3/4" steel and cut up to 1-1/2"   **$ call**   upgrade
PowermaxSync 105   Pierce 7/8" steel and cut up to 2"   **$ call** upgrade
High Definition Plasma able to cut 2" thick steel   **$ call** Upgrade

Optional Torch slip touch off detection	**$ call**
Optional Engraving head	**$ call**
Optional HVAC Software	**$ call**
6" Round pipe Cutter Option	**$ call**
Micro Adjustable tilt head	**$ call**
5 Stage Desiccant Drying System	**$ call**
Wireless MPG Jog Pendant	**$ call**
Convert-A-Table Router Dust Collection System	**$ call**
Dust Control Comp. Security Cabinet	**$ call**

MPG

Desiccant dryer

MasterJET Professional WaterJet

Precisely cut nearly any material even Stainless & Titanium

Turnkey System for Success

Model	Travel		Estimated floor space	Price
MasterJet48X24 Waterjet 50	50" X	26" Y	12'X12'	**$ call**
MasterJet48X48 Waterjet 50	50" X	50" Y	12'X14'	**$ call**
MasterJet48X96 Waterjet 50	50" X	98" Y	12'X18'	**$ call**
MasterJet60X120 Waterjet 50	60" X	120" Y	12'X18'	**$ call**
Optional Tilting head 4th Axis for angled cuts				**$ call**

Dynamax 50 HP MAIN ASSY, 460V, 60HZ, WC
.01" orifice with .030" Nozzle - Includes 1 Ruby and 1 Diamond orifice
Cutting Head, HyPrecision, DiaLine 10/30
PLMB PKG; Cutting head, single whip/single head
Abrasive Regulator II Assembly with 6 ft Abrasive Pot
36" Deep Water Table with 1" reinforced plate steel bottom
NSK profiled linear ways and linear bearings
3 Axis Servo control system operating on Fanuc style G-codes

Facility requirements:
120 V 20A for controls   230 V 3Phase 100A   460 V 3Phase 50A
Compressed air line 10 CFM at 100 PSI
Hose Faucet with Clean filtered water line with 60 PSI Pressure
Floor Drain for water   12' Ceilings or higher recommended 8' minimum

2KW   3 IN 1 Handheld Laser Welder / Laser Cleaner / Laser Cutter

Advantages of FiberLaser welding   Turnkey Welding Package   **$ call**

Relatively Short learning curve   FLW Spare Parts & Consumables
                                        Package excludes wire   **$**

More Efficient

Weld Steel or Aluminum

Designed for continuous use
1 year Warranty

Manufactured in China for Forest Scientific Corp
Warranty and support by ForestCNC in USA

Able to weld up to:
 5mm Carbon Steel
4mm Stainless Steel
4mm Aluminum

5mm = .197"   4mm=.157"

220V single phase

Professional 1500W Pulsed FiberLaser Handheld Laser Cleaning

Pulsed laser can be used on wood to strip the finish, rubber, and many other materials
Turnkey Cleaning Pulsed System **$ call**
FLPC Cleaner Spare Parts & Consumables Package **$ call**

Professional 2000W Continuous Handheld Laser Cleaning for Metals

Turnkey Cleaning System $**$ call**
FLCC Cleaner Spare Parts & Consumables Package **$ call**

Designed for continuous use - 1 year Warranty

Cleaning width variable from 0-11.5"   (0-300 mm)

Easily remove rust or paint

Remove rust from tools

Make old scrap metal usable

FiberLaser Pro Metal Cutting/Engraving

FOREST CNC

FIBER LASER PRO

Model	Travel		1.5KW Fiber Laser 2KW	
FiberLaserPro2418	24" X 18" Y	610 mm x 460 mm	$ call	$ call
FiberLaserPro3618	36" X 18" Y	920 mm x 460 mm	$ call	$ call
FiberLaserPro4818	48" X 18" Y	1200 mm x 460 mm	$ call	$ call
FiberLaserPro4824	48" X 24" Y	1200 mm x 609 mm	$ call	$ call

Options:
Optional in room filtration system $ call
Optional system to vent fumes outside if there is direct access $ call
Optional ultra quiet dry air compressor $ call

A fraction of the price of most fiber lasers that can only engrave metal

Liquid cooling system included

Able to Cut, Vector Engrave, and Raster Engrave metals only

Runs on industry standard G-Codes, not a proprietary language

Downdraft grid table and ports to exhaust fumes outside or to a filtration system

Depending on the operation and material compressed air, argon, O2 or N2 may be used

1.5KW Fiber Laser 240V 1PH models cut up to 12mm steel to 4mm aluminum varied by shininess

2KW Fiber Laser 240V 1PH models cut up to 16mm steel to 6mm aluminum varied by shininess

Other wattages up to 20KW available - Call for quote

1 year on-site parts and labor warranty

Plaser Metal Cutting Plasma Cutter

Clean Room Fully Enclosed Plasma

FOREST CNC

PLASER CRP 4824

PROUDLY Made in USA

Cut:
Steel
Aluminum
Copper
Brass

Fully Enclosed

Run in a Clean Room

Cut Steel Faster than a WaterJet with Lower Operational Cost

240V operation requires compressed air - 9scfm @ 90 PSI
Closed-Loop Hybrid Servo Control System
Downdraft grid table and ports to exhaust fumes outside or to a filtration system
Automatic torch height
Automatic voltage detection, current set from computer
Includes fine marking, and standard cutting consumables
3 year on-site parts and labor warranty

Model	Travel	Price	
CRP2418	24" X 18" Y	$	call
CRP3618	36" X 18" Y	$	call
CRP48X18	48" X 18" Y	$	call
CRP48X24	48" X 24" Y	$	call
Optional in room filtration system		$	call
Optional ultra quiet dry air compressor		$	call

Perfect for an Engineering Lab

Capabilities:
Near laser quality fine cutting up to ¼" steel
Able to cut up to 7/8" steel
Low resolution metal marking

FOREST CNC

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www.forestscientific.com

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