

Techno CNC Systems

29 Trade Zone Dr
Ronkonkoma, New York 11779

Roy Valentine

631-648-7481

www.technocnc.com

Quote prepared for:

WV Dept. Homeland security
1 Mountainside Way
Mt. Olive, WV 25185
ARFQ 0608 DCR2400000114

Date: 09-06-2024. Prices are valid for 30 days.

PART NUMBER	QTY	DESCRIPTION	PRICE EA
HTPLWRM60012000E	1	<p>Techno Phoenix 60120 High Speed CNC Plasma X-Axis Travel = 60.0" Y-Axis Travel = 120.0" Z-Axis Travel = 7-1/2" Gantry Clearance = 7-1/2" Distance between uprights = 67"</p> <p>Specifications: -Control System: Techno PC based industrial controller with Windows 10 operating system (computer included). System connection is Ethernet for high speed communication resulting in high speed uninterrupted processing. Key features: *Easy to learn and use control interface *Ethernet connection for robust communication in the harshest electrical environments *High-speed dedicated motion controller processes NC files in real-time for smooth motion and optimal cut quality *Graphical display of machine position and parts seamlessly links relation between physical environment and control interface *Programmable Goto Positions for easy loading and unloading of parts, machine maintenance, and more * Accepts industry standard G & M codes -Drive motors: Brushless nema34 microstepper motors and drives -Drive system: Precision Helical rack-n-pinion on X / Y, Ball screw on Z-axis. -Table: Steel Grid with down draft with stainless steel water table insert trays. -CNC Control System Power requirements = 220V, 1-phase (See plasma torch specs for required electrical requirements.) -Position accuracy: +/- .005 inches -Max. speed: 800 in/min -Approx. weight = 3000lbs</p> <p>System Power requirements: -Machine controls require 230V, 1-ph, 15 amp circuit -Torch Power: See torch details for power requirements</p>	\$27500.00
SYNC-85	1	<p>Hypertherm Powermax SYNC 85 System includes - Techno's CNC Plasma real-time torch height control, and Torch mounting accessories. Cutting specifications: Production pierce = 3/4" Edgecut severance = 1-1/2"</p> <p>Requirements: -A clean dry non-fluctuating 90psi Compressed air or Nitrogen (required for Aluminum and Stainless steel cutting applications) source. -Input Voltage: 200-480V, 1-PH, 50/60Hz, CSA 200-600V, 3-PH, 50/60Hz, CSA -Input Current 12.2 kW: 200/208/240/480V, 1-PH 70/68/58/29 A 200/208/240/480/600V, 3-PH 42/40/35/18/17 A -Flow rate and pressure: 400scfh 6.7cfm @ 85psi -Duty Cycle: 60% @ 85 A, 230-600V, 3-ph 60% @ 85 A, 480V, 1-ph 50% @ 85 A, 240-600V, 1-ph 50% @ 85 A, 200-208V, 3-ph 40% @ 85 A, 200-208V, 1-ph 100% @ 66 A, 230-600V, 1/3-ph</p> <p>-NOTE: Techno auto CNC torch height control, (5) torch cartridges included with the purchase of the Hypertherm torch from Techno. If customer chooses to use their own Hypertherm unit add \$2000 for integration and torch height control circuitry and software capability.</p>	\$7248.00

H25XHY-428934	1	Hypertherm Powermax SYNC 85 5-pack replacement cartridge	\$265.20
FREIGHT4	1	Approximate Freight Cost. Customer must have a fork lift in order to remove machine from truck. If customers site is inaccessible by truck other expenses may apply. NOTE: National fuel charges to apply	\$2000.00
Training-C3	1	3 Hours online training. Machine arrives fully assembled ready for plug and play. Techno provides remote online training for the safety of all company employees. (Note: onsite training available upon request.)	\$525.00
H-PRONEST	1	Hypertherm Pro-Nest Design and programming software (includes online training)	\$3250.00

-----US Government Terms-----

Terms: -Net 30, with valid purchase order.
 -Your licensed electrician needs to provide disconnects for all equipment quoted. See above for details.
 -Warranty 1 year (parts only). For warranty details and terms and conditions see form H572021
 -Technical support, application assistance, and remote diagnostics is FREE for the life of the machine.

Signature of acceptance: _____

TOTAL

\$40788.20

Exhibit - Pricing Page
Plasma Cutting Machine and Table
ARFQ DCR 2500000015

Section	Description	Unit of Measure	Quantity	Extended Cost
3.1	Contract Items Plasma Cutting Machine, Table and all items listed in ARFQ	Lump Sum	1	\$40,788.20
Total Lump Sum Cost				\$40,788.20

** Quantities are estimated for bid evaluation purpose only.*

*** Estimated cost for bid evaluation purposes only.*

Bidder / Vendor Information:

Vendor Name: Techno CNC Systems LLC
Vendor Address: 29 Trade Zone Drive, Ronkonkoma NY 11779
Email Address: rvalentine@technocnc.com or lmlleo@technocnc.com
Phone Number: 631-648-7481
Fax Number: 631-983-4701
Signature: 

Vendor must complete the Pricing Page in full as failure to completed the Pricing Page in its entirety will result in Vendor's bid being disqualified.

A no bid will result in Vendor's bid being disqualified.

PH^ΩENIX

Techno **CNC** Systems



TECHNOCNC.COM

29 Trade Zone Drive

Ronkonkoma, NY 11779

Email: technosales@technocnc.com

Tel: 631-648-7481

PHOENIX

ABOUT OUR PHOENIX PLASMA SERIES



The Phoenix series CNC Plasma machine is all steel constructed, providing a rigid foundation to support heavy plate loads, and delivers ultra-smooth plasma cutting results. The Phoenix Series CNC Plasma can be equipped with a variety of plasma torch power supplies, each one capable of cutting different material thicknesses. The gantry height is 7-1/2", which provides maximum flexibility to cut sheet goods and larger or taller welded assemblies, if desired. The Phoenix Plasma provides the user a choice between a water table or down draft smoke evacuation. The machine includes stainless steel water trays that can be removed if the user chooses downdraft smoke evacuation. The machine drive motors are powerful NEMA 34 sized high speed stepper motors, directly coupled to a precision gearbox assembly and helical pinion for a direct drive advantage. This provides optimum power, speed, and accuracy when cutting thin sheet metal or thicker plate stock. The plasma torch is cradled in an electronic, automatic, torch breakaway module, using a real time CNC torch height control system. The Phoenix Plasma has a PC based industrial controller with a Windows 10 operating system and uses an Ethernet connection for high-speed communication and uninterrupted processing. The system interface is easy to learn, easy to use, and makes the machine operation simple for instructors and students. No other machine on the market includes all of these features and capabilities.

IMPRESSIVE FEATURES

INCLUDES:

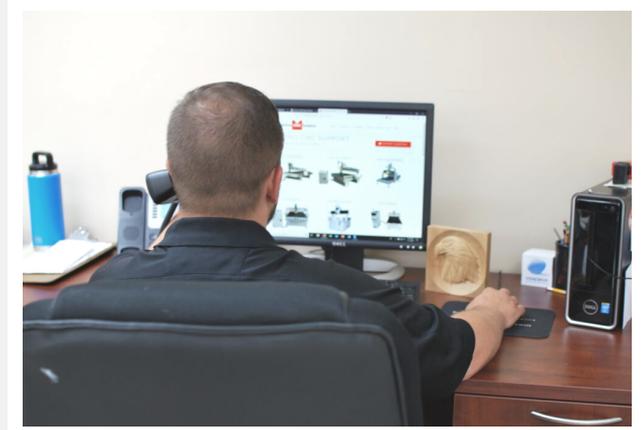
- ✓ Available in 4' x 4', 4' x 8' and 5' x 10' stock sizes
- ✓ Precision Helical Rack-n-Pinion on X and Y axes with ballscrew on the Z axes
- ✓ Brushless drive motors
- ✓ High-speed cutting up to 800 IPM
- ✓ Water table / Steel slats / Down drafts
- ✓ All steel construction for rigid platform
- ✓ Cuts up to 1.5" thick steel capacity

IMPRESSIVE FEATURES

CONSTRUCTION FEATURES

TECHNICAL SUPPORT

Technical support, application engineering assistance, and remote diagnostics is FREE for the life of the machine via telephone, email, and remote logins



STEEL SLATES

Techno's steel slats provide the best part cut quality reducing slat slag or weld to part that can effect contact edge finish.



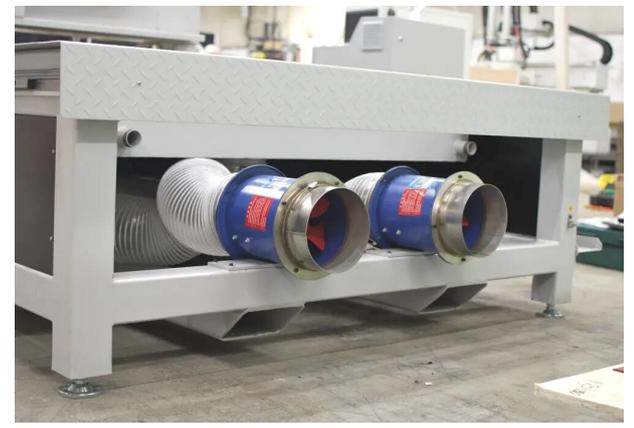
GANTRY

The gantry is constructed of tubular steel with reinforcing ribs welded throughout the length of the column which results in a steady firm beam assembly. This quality engineering and workmanship result in smooth precision cutting.



DOWN DRAFT EXHAUST SYSTEM

Techno provide dual fans for downdraft downdraft table. Each fan draws 250 CFM which assure a power smoke evacuation.



WATER TABLE TRAY

Techno provides the best of both worlds, giving the user the choice to use downdraft smoke evacuation or water table. Techno provides stainless steel trays, when filled with water will absorb about 90% of the smoke generated from the cutting.



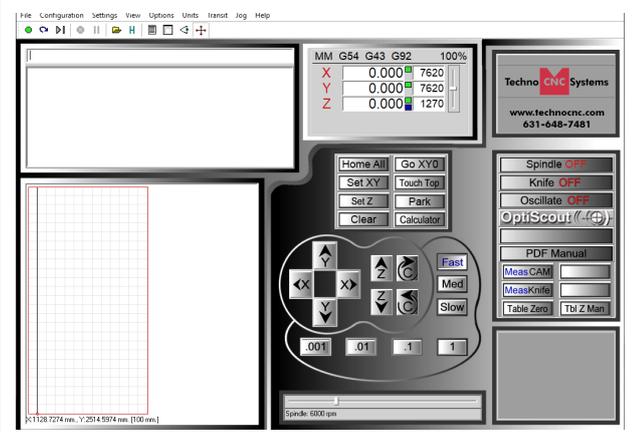
ELECTRONIC TORCH BREAKAWAY

The Phoenix plasma torch is cradled in an electronic, automatic, torch breakaway module, using a real time CNC torch height control system.



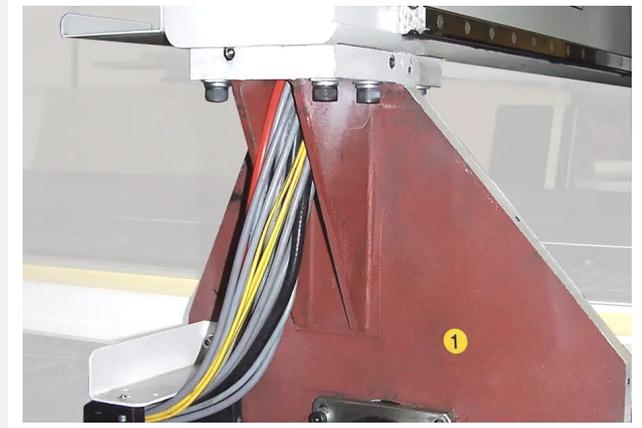
CONTROLLER

The WinCNC interface is a controller system with step jog for fine incremental control, start, stop and pause buttons, single button for safety clearance position, absolute and relative coordinates control, and more.



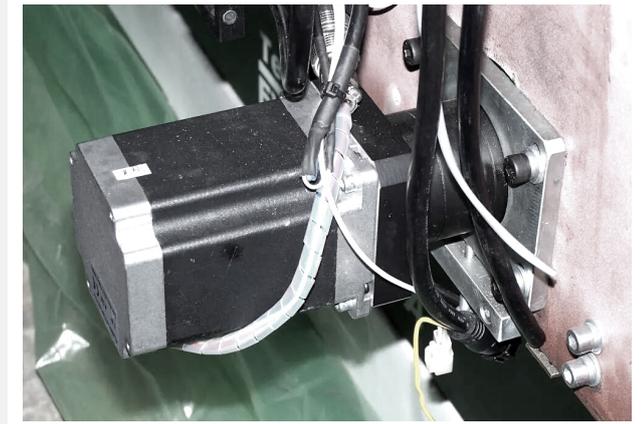
GANTRY UPRIGHTS

The gantry uprights are cast iron with heavy duty gussets formed into the casting. Each support is machined for housing the various drive assemblies including motors, bearings, belts, and wiring harnesses.



MOTORS

The Phoenix Plasma Cutter utilizes brushless micro-stepper motors. These motors require no regular maintenance, therefore reducing any maintenance downtime.



ELECTRONICS

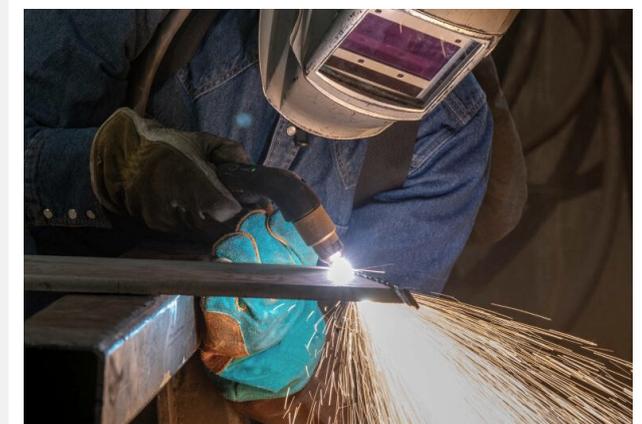
All the electrical components are housed and wired in a doubled-doored Nema 4 electrical enclosure. This allows for easy access and service when needed. All wiring is tagged so that when service is required, the customer can easily navigate the cabinet. In addition, the cabinet serves as a work bench for the tools required the program.



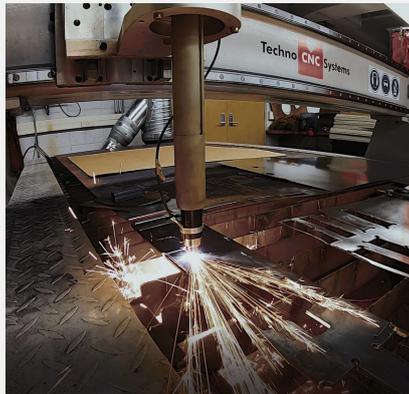
POWERMAX SYNC

A dramatically simplified consumable platform combined with advanced torch communication for automated setup makes Hypertherm's new Powermax65/85/105 SYNC™ plasma systems the smarter choice for any cutting or gouging application.

Techno's auto CNC torch height control, WinCNC control integration is included with the purchase of the Hypertherm SYNC power supply from Techno CNC



GALLERY



CONTACT US

 TECHNOCNC.COM

 29 Trade Zone Drive
Ronkonkoma, NY 11779

 631-648-7481

READY TO MAKE THE PLUNGE?

**INVEST IN A TECHNO CNC ROUTER TO ENSURE BUSINESS
EXPANSION AND AN INCREASE IN SALES**



631-648-7481



technosales@technocnc.com



www.technocnc.com



29 Trade Zone Drive
Ronkonkoma, NY 11779



@technocnc



youtube.com/TechnoCNCSystemsLLC





State of West Virginia
Agency Request for Quote

Proc Folder: 1506960			Reason for Modification:
Doc Description: Plasma Cutter - Mt. Olive			
Proc Type: Agency Master Agreement			
Date Issued	Solicitation Closes	Solicitation No	Version
2024-09-05	2024-09-19 10:30	ARFQ 0608 DCR2500000015	1

BID RECEIVING LOCATION

VENDOR

Vendor Customer Code:

Vendor Name : *Techno CNC Systems LLC*

Address : *29 Trade Zone Drive*

Street :

City : *Ronkonkoma*

State : *NY*

Country : *USA*

Zip : *11779*

Principal Contact : *Roy Valentine*

Vendor Contact Phone: *631 648 7481*

Extension: *100*

FOR INFORMATION CONTACT THE BUYER

John S Caldwell

(304) 558-9578

john.s.caldwell@wv.gov

Vendor Signature X *[Signature]*

FEIN# *463704533*

DATE *9/6/2024*

All offers subject to all terms and conditions contained in this solicitation

ADDITIONAL INFORMATION

The West Virginia Department of Homeland Security - Division of Administrative Services is soliciting bids on behalf of the West Virginia Division of Corrections & Rehabilitation-Mt. Olive Correctional Complex and Jail / Slayton Work Camp at 1 Mountainside Way, Mt. Olive, WV 25185 to establish a contract for the one-time, lump sum purchase of a CNC Plasma Cutting Machine and table.

INVOICE TO		SHIP TO	
MT OLIVE CORRECTIONAL CENTER ONE MOUNTAINSIDE WAY		DIVISION OF CORRECTIONS	
MT OLIVE WV		MT OLIVE CORRECTIONAL CENTER 1 MOUNTAINSIDE WAY	
US		MT OLIVE WV	
		US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Plasma cutting machine	1.00000	LS	40788 ²⁰	40788 ²⁰

Comm Code	Manufacturer	Specification	Model #
23241506	TechnoCNC Systems LLC		Phoenix 60120

Extended Description:
Plasma cutting machine

SCHEDULE OF EVENTS

Line	Event	Event Date
1	Questions - Due 2:00 PM	2024-09-12
2	Bid Closing 10:30 AM EST	2024-09-19