VICTORY CNC PLASMA SYSTEMS
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Victory Performance System: Industrial CNC Plasma Systems

THERMAL DYNAMICS

- Choose a high def Ultra-Cut or standard-def Auto-Cut or Cutmaster A120 plasma
- Unitized systems with 5’ x 10’ to 12’ x 40’ cut areas w/water table or downdraft
- Gantry systems with cut area from 5’ to 20’ W x 100’ L w/water table or downdraft
- Cut beds are 1’ wider and 3’ longer than cut area for loading and unloading
- Structural double frame with 3/16” walled tub
- Dual-side drive, dual linear slides on the cross axis
- Heavy, hardened ‘T’ guide rails with 2” steel rollers on the long axis
- Three fully synchronized AC brushless servo motors driving direct coupled precision gear boxes riding on pneumatic pre-loaders
- Integrated automatic torch height control & collision protection
- Full motion & nesting software are standard
- Water tables have manual valve water level control, allowing dry to wet in 3 minutes
- Remote login for training or troubleshooting standard on all systems
- Full-featured CAD program, completely compatible with AutoCAD®
- Tables leave the factory fully completed with plasma cutter installed and tested

Plasma Choices

High-def:
- Ultra-Cut 100
- Ultra-Cut 200
- Ultra-Cut 300
- Ultra-Cut 400

Standard-def:
- Auto-Cut 200
- Auto-Cut 300
- Cutmaster A120

- 15” Touch Screen
- Built-In Torch Height Control seamlessly integrated
- Operator only has to select material, thickness and process (when using optional AutoGas)
- Built-in laser pointer for easy torch positioning
- Lifter with 8” stroke included, with collision protection
- Voltage sampling to compensate for electrode wear
- Two plate sensing methods: ohmic contact & torch holder sensors (also used for Collision Sense)
- Controller is plug and play, so entire unit can be replaced (all parameters can be stored in memory stick and downloaded to the replacement unit)
- Tables are delivered & installed by a Victory technician
- Installation includes two days of hands-on operational training
- Options: Hole Optimization, AutoGas, oxy-fuel cutting, pneumatic scribe, drilling marking and straight-line bevel

This fully integrated system features a Thermal Dynamics Performance controller paired with your choice of Thermal Dynamics Cutmaster, Auto-Cut or Ultra-Cut plasma cutters. With the introduction of Thermal Dynamics Ultra-Cut XT, you can now upgrade your plasma cutter onsite in 100A increments. Buy the cut capacity you need now and upgrade later!

The Performance CNC software is designed specifically for plasma and oxy-fuel cutting. It is operator friendly with a pre-drawn shape library and the alphabet, ready for your dimensions. Everything is adjustable from the main screen while cutting. Effortlessly convert CAD drawings to cut files. There are no extra programs to buy or write.

Water tables feature manual valve water level control, allowing water levels from a dry bottom to full table in 3 minutes and back to a dry bottom in another 3 minutes. Never burn up a pair of gloves again or “fish” your finished parts out of a full tank. Our downdraft tables are pneumatically zoned to reduce the collection area to no more than 4 lineal feet at one time, thus reducing the CFM requirements and increasing efficiency. Water tables are a much more effective system for collecting the dust and smoke emissions inherent to the plasma cutter.

We build every system in-house and we install and test plasma cutters and controllers prior to shipment. We deliver and install a turnkey system and then stay with you for onsite operational training. The Victory Performance system is an affordable CNC system that is easy to operate, built to last and can pay for itself by bringing your cutting in-house and increasing your productivity.

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