



GLOBAL CONTROL^S

Globally Developed for Worldwide Use

**GLOBAL CONTROL S ADVANCED TECHNOLOGY,
HIGH RELIABILITY, EASY TO USE, AND COMPACT.**

Our exclusive CNC control includes expertise gained from thousands of machine installations around the world. An extensive custom shape library, multiple process databases, CAD import, true-shape nesting, productivity monitoring and remote diagnostics are just some of the key features packaged in the industry's only IP67 rated enclosure. Easy to learn functions allow new employees to become expert operators in minutes.



Hardened switches and industrial touchscreen.



High strength machined aluminum enclosure.

More information on back.

GLOBAL CONTROL^S TECHNICAL GUIDE



TECHNICAL DATA

Operating System	MS Windows® 7	Ethernet Network	10/100/1000 Mbps (optional wireless)
Display	15" LED Color Touch Screen	Ambient Temperature	32°F - 122°C F (0°C - 50°C)
Processor	≥ Intel® 1.9 GHz, 2 cores	Protection	UPS Battery Pack, Anti-Virus, Disk Image
Hard Drive	≥ 2GB DDR-RAM ≥ 2.5", 320GB SATA Hard Drive	Inputs/Outputs	Over 100,000 I/O via real-time EtherCAT Bus System
Environment	IP67 (No ingress of dust or water)	USB Ports	Two (2) USB Ports

FEATURES AND BENEFITS

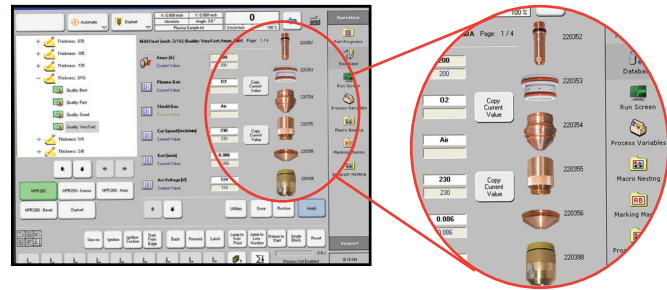
- Multiple process databases make every operator an expert.
- Modern graphical interface minimizes the learning curve.
- Industrial CNC computer with integrated PLC and motion control eliminates expensive proprietary cards while providing high performance and reliability.
- Ethernet-based I/O system (EtherCAT) provides real-time updates with minimal cables hardened against RF noise.
- Downtime is minimized operators can be easily trained using our Virtual Service remote diagnostic software.
- True shape nesting and direct import of CAD files allow parts to be cut quickly with minimal scrap.
- Over 50+ shapes come standard and additional custom shapes can be created by the user.
- Backup Tool keeps a copy of the hard drive to minimize downtime due to virus activity, malware, etc.

OPTIONAL FEATURES

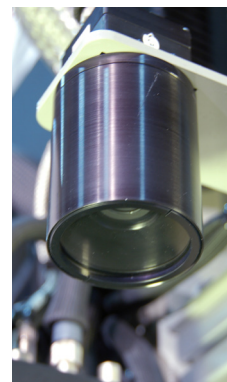
- Global Reporter allows for real-time production monitoring from a remote location and generation custom reports of arc-on-time, idle time, rapid positioning time, etc.
- Video camera(s) can be used as alignment tool and for process viewing.

APPLICATION

Featured on EdgeMax and PlateMaster machine models.



Cutting parameter database (plasma /oxyfuel) with display of consumables makes process set-up quick and error-free.



Video camera featured above (right) allows for fast, accurate plate alignment.