

A HIGHER STANDARD

Here are just a few of the standard features you can expect with every Xenetech rotary engraving system:

- High performance Viper electronics with color touch screen key pad
- 10 ips and faster engraving
- Ability to engrave a wide variety of materials
- Forward/backward by character, line and plate from Pendant, job preview with pan and zoom from Pendant
- DC motor speed control (*AC motor speed control optional.*)
- Longplate engraving capabilities from 12" x 126" in length to 25" x 700" in length (*varying with machine size*)
- State-of-the-art motion control system with VCS Technology
- Preview, Pan, and Zoom job from touch-screen keypad before engraving
- Daily, weekly, and monthly production run time reports
- Real time tracking and operation of engraving jobs from you PC
- Direct output of .dxf, .plt, and .cnc files
- Automatic e-mail notification of job completion
- Two-year limited warranty (*One-year warranty on Star 912, extended warranty available.*)
- Multi-plate and batch processing
- Automatic surface sensing on all machines (*standard*)
 - ~ Set engraving area ~ Set offset†
 - ~ Test engrave ~ Show engraving area
- Graphic job printouts
- Diode pointer available on GE, JE, 1313, 1625
- Routing capabilities
- Networkable
- Cylindrical attachment available
- 11/64", 1/4", 4 mm and 6 mm top-load and collet spindles available (*Top or bottom loading collet spindle and metric also available.*)
- X, Y and Z-axes resolution/repeatability standard: .000313", user selectable: .000625" and .000156"
- Spindle downfeed: mode 1) fully programmable via software, mode 2) downfeed manually set via control pendant, and mode 3) automatic surface sensing for downfeed
- Spindle motor: 1/4 hp spindle motor; 20,000 rpm at spindle (*Star 912: 11,000 rpm*)
- Viper electronics connect to free ethernet connection
- Job reports productivity; email status reports
- Remote operation and tracking of job from PC monitor

All Xenetech Graphic Workstation™ (XGW) software performs automatic Grade II Braille transcription with ADA compliant typefaces and logos.

The XOT 1313 is capable of engraving into aluminum, brass and stainless steel.



XOT 1313



XOT 1313 Big-time features in a smaller-format machine. Pound for pound, it's the strongest engraver in our line, a winning combination of power, performance and cost-effectiveness. It's our leading seller in the industrial markets, where engraving, routing and milling stainless steel and other difficult materials are often required.

Standard 2-year warranty.

Table surface area: 13.5" x 13.5" (342.9 x 342.9 mm) • Footprint: 22.5" x 27.5" (571.5 x 698.5 mm) • Engraving area: 182 sq. in. (4,622.8 sq. mm) • Shipping weight: 340 lbs. (154.36 kg) • Maximum spindle travel: 2" (50.8 mm); Maximum material clearance: 7.188" (182.5 mm) • Includes accessory pack with 5 plastic cutters • Call for further options and specs.

† Computer not included.



The Viper II® electronics work with our 912, 1313, 1625, 2525 and 2550 engraving tables, Viper® JE Jewelry Engraving System and Viper® GE Gift Engraving System. It's a cost-effective investment in productivity that simply can't be beat.

Xenetech's Viper II® Electronics

A PARADIGM SHIFT IN ROTARY ENGRAVING



Color touch screen keypad: With the Viper Pendant, you have complete, touch-screen access to your engraving system. The hand-held key pad gives you the ultimate control to select jobs from the hard drive, engrave jobs (forward/reverse by character, line, plate, and job), check XYZ positioning and digital readouts, override engraving speeds, program the z axis, record job timing, job preview pan and zoom, email job notification, and more.

Xenetech has developed an easy and cost effective way for you to significantly increase your existing system's engraving speed (up to 3 times) and put the total control of every job at your fingertips. You can power your existing Xenetech engraving table at three times the current engraving speed (10 ips for 1313 and 1625, and 8 ips for 912, 2525, 2550, Viper® JE and GE). The Xenetech Viper II® Electronics with Viper II® Communication Suite™ (VCS), plug in multiple engravers and utilize Ethernet communications which increases download speed and have a virtually unlimited job queue. It's completely compatible with Xenetech's Engravelab™ print driver, will run .dxf, .plt, and .cnc files directly, and is shipped with XGW-32 professional engraving software. The Viper II's® controller provides interpolation of all 4 axes simultaneously with on-board temperature, motor, and voltage diagnostics. With the Viper II® Pendant, you have complete, color touch-screen access to your engraving system. The hand-held color touch screen gives you the ultimate control to select jobs from the hard drive, preview, pan, and zoom in on jobs, engrave jobs (forward/reverse by character, line, plate, and job), check XYZ positioning and digital readouts, override engraving speeds, view jobs with pan and zoom control, program the z axis, record job timing, produce daily, weekly and monthly activity reports, remotely monitor, display, and control machine operation from your PC, automatically send job-end e-mail notification, and more. Just unplug your existing electronics, plug in the Viper II®, and install the VCS™ on your laptop or desktop computer. You'll be engraving with record productivity within the hour.

COMPATIBLE SYSTEMS

912, 1313, 1625, 2525, and 2550 systems

Any system currently running on Xenetech electronics is compatible. This includes retrofits and Xenetech systems manufactured prior to 1995. The speed and letter quality will increase and improve on these systems, but they will not necessarily be able to reach the speeds attained by newer Xenetech tables.

Note: Any mechanical problems experienced must be resolved before upgrading to Viper II® electronics.

MINIMUM COMPUTER REQUIREMENTS

- Windows XP
- Intel P4 class Processor
- 1GB RAM
- 80 GB Hard Drive
- 10/100 Ethernet Connection

PREFERRED REQUIREMENTS

- Intel Core 2 Processor
- Windows 7 with 2GB RAM and 256 MB Video Adapter with DEDICATED Memory



*Patent Pending