PROFESSIONAL ENGRAVING SYSTEMS

CELEBRATING
22 years
OF BUSINESS

XENETECH Systems & Accessories Guide

OUR MISSION

Xenetech plays a leadership role in visual communication, industrial marking, personalization and recognition by supplying the highest quality engraving systems, related products and comprehensive support. We are an extension of our customers' businesses, providing innovative, technological solutions to help them succeed. We maintain an environment where our employees, distributors, suppliers, customers and shareholders can experience growth.

FIRST THINGS FIRST. AT XENETECH, OUR COMMITMENT TO BRINGING INNOVATIVE PRODUCTS AND SERVICES TO YOU FASTER SPEAKS FOR ITSELF:

1982 *Developed first software with multiple plate, grid cutout, and long plate/tall plate capabilities**

1986 *Introduced first graphics-based, mouse-driven software for engraving and signmaking*

1992 *Updated entire customer base with Grade II Braille transcriber at no charge*

1993 *Introduced first Microsoft® Windows™-based engraving software*

1993 *Engineered and developed automatic surface sensing feature*

1993 *Introduced micro-stepper electronic technology for new and existing customers*

1995 *Introduced the ability to hatch-fill TrueType® fonts*

1996 *Wrote first software package specifically for laser engravers*

1998 *Became only manufacturer to develop and manufacture a full line of rotary engravers, laser engravers and engraving software*

2000 *Surpassed industry-standard rotary speeds by more than 300% with Servo System Series*

2000 *Introduced Aurora and achieved laser engraving "century mark" with speeds of 100 inches per second (ips)*

2001 *XGW 32 Bit Released*

2001 *PCI APU Board Released*

2002 *Introduced XLT 1325 Laser Engraver*** with engraving and travel speeds of 150 ips, revolutionary touch screen keypad and ethernet communication*

2003 *Introduced Laser Value Series XLE 1325 Laser Engraver*** with engraving speeds of 75 ips and enhanced acceleration/ deceleration, touch screen keypad and ethernet communication*

2003 *Introduced Viper Rotary Electronics** with touchscreen, hand-held keypad and record breaking 10 ips engraving speed*

2004 *Introduced Viper® JE Jewelry Engraving System specifically designed for jewelry engraving applications including inside/outside ring engraving, flat engraving and packaged with Viper® electronics***

2004 *Introduced XLE & XLT 2436 large format Laser Engraver*** with engraving and travel speeds up to 150 ips, including low-maintenance motion system, touchscreen keypad and ethernet communication*

2005 *Introduced Viper® GE Gift Engraving System which includes quick change inside/outside ring, flat and cylindrical engraving attachments, self centering vise, a rotary engraving spindle, recirculating bath and Viper® electronics***

2005 *Developed direct HPGL and CNC format output to drive Xenetech's rotary engraving systems*

2007 *Introduced Viper Communications Suite (VCS) with job preview, job reports and tracking*

   * *Marketed as T*U*E*S*D*A*Y software*
  ** *Patent Pending*
*** *Patented*

CONTENTS

We're pleased to present you with our Systems and Accessories Guide.

If you don't know much about Xenetech, our story began in 1986, just as the computerized engraving machine was emerging as the required tool for professional engravers. Having been in the engraving business for many years—and having written many software enhancements for engraving equipment—we believed the industry was ready for the next generation of engraving systems.

We've continued to grow a company that thousands of customers have come to depend on. As engravers, we understand the day-to-day demands that your internal and external customers place on you,

Welcome to Xenetech.

BUILT BY ENGRAVERS FOR ENGRAVERS

your capability and your equipment. We also understand the need to keep your customers happy by expanding the variety of products and services you offer.

To meet your needs, we've built a business where innovation, customer service and overall quality are not only evident in our track record—they're entrenched in our culture. When you buy Xenetech, you get much more than capable hardware and software. You receive a sincere commitment from everyone here—the engraver who designed your software, the technicians who assemble your hardware, the shipper who packs it for shipment, the knowledgeable distributor who trains you, and the experienced customer service professionals who assist you when you call. What you receive is a partnership—a genuine commitment to work for your success.

While sales growth, cash flow and profitability are all important to any business, including ours, what motivates us most are the notes from satisfied customers and the thanks from customers who've had a challenge that we've helped them resolve.

We want to become a part of your team, and we will continue to innovate for your success. We hope you'll join us.

Sincerely,

Kathleen A. Hoffpauir, CHAIRPERSON   Guy S. Barone, Jr., PRESIDENT & CEO

CELEBRATING
22 years
OF BUSINESS

Xenetech Laser Systems—Simply The Best

FOR MAXIMUM PRODUCTIVITY AND VERSATILITY

Laserable materials.*
The possibilities are almost endless.

- Wide variety of wood
- Acrylics
- Powder Coated Metals
- Painted Metals
- Anodized Metals
- Glass
- Rubber
- Leather
- Marble/stone/brick
- Fabrics or Cloth
- Corian™
- Laminated Plastics
- Plastic Film
- Paper
- Matte Board

- Press Board
- Wood/Enamel Pens
- Membrane Material
- Ceramic
- Delrin
- Melamine™
- Mylar™
- Fiber Glass
- Membrane Switch
  Material
- Gasket Material
- Aluminum, Brass,
  Steel, Copper, etc.**
- And others

* *Please consult product MSD (Material Safety Data) sheets prior to lasing **any** materials. Consult with your HVAC professional regarding proper ventilation.*

** With aid of Thermark
Laser Marking Technology.

LEADING TECHNOLOGY—Xenetech laser systems use the very latest in electronic and motion control technology to maximize the power of lasers to your business. Our Ethernet-based electronics and touch-screen keypad allow users to create a virtually limitless queue of jobs directly from the host hard drive or network. Users also have unique job preview capability from the keypad, "live" job controls over speed and power, and real-time dianognostics. Our lasers can utilize five different methods of automatic focusing to the material surface. In addition, our electronics simultaneously interpolate all four axes and combine with our dual encoder design to provide precision movement. This technology is unique to Xenetech and it sets our professional level laser systems apart.

TOP QUALITY COMPONENTS—Simply put, quality components make a quality engraving and cutting system. The last thing you need is a problem when your customer is waiting. Xenetech laser systems use quality components to create a high performance system. From our hearty servo motor, to our lifetime warranty motion system bearings, to our rigid cabinet design, to our optics rated up to 1,000 watts, to the right tube manufacturer, Xenetech systems are made to perform day in and day out in a manufacturing environment.
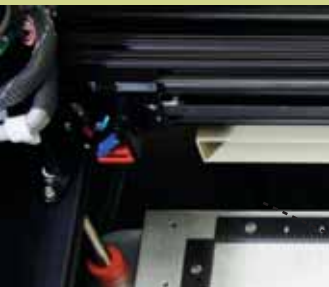
MAXIMUM PRODUCTIVITY—Xenetech laser systems are engineered to create the maximum throughput in the least amount of time. From our easy layout XGW-32 professional engraving software or laser print driver, to our industry-leading 150 inch per second engraving and travel speeds, to our short acceleration and deceleration (reducing carriage-over travel), increased productivity is second to none.

COMPREHENSIVE SUPPORT—When you purchase a Xenetech laser you purchase the commitment of a U.S. manufacturer that has a 22 year track record of taking care of customers. Our distributors, customer service representatives, and technicians are experienced at quickly helping customers succeed. We provide several layers of applications and technical support to help you expand your knowledge and your business.

GREATEST RETURN ON INVESTMENT—Saving minutes per job quickly add to hours which quickly add to days of savings. Combine productivity gains with the low cost of ownership of a Xenetech laser through our systems' durability and you will quickly conclude that Xenetech systems make sense, lots of cents.
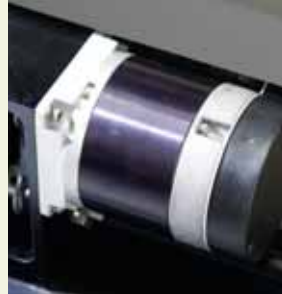
Barcode 39 font lasered on black anodized aluminum

Easy removal/cleaning of color coded optics

Powerful 614 Watt, 8,000 count Servo Motor enables high speeds, excellent raster and vector quality and durability

Lifetime Motion System Bearing Warranty
Bearing inserts require no lubrication

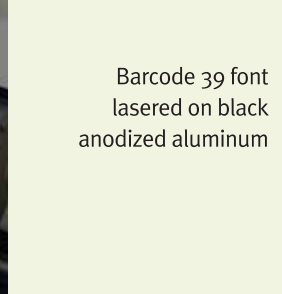Multiple Auto-Focus options through the software, the job, the keypad or manually

High Speed Motion System allows the fastest large format engraving speeds (.001 to 150 ips) and travel speeds (150 ips) in the industry with no bearing lubrication and extremely low maintenance required
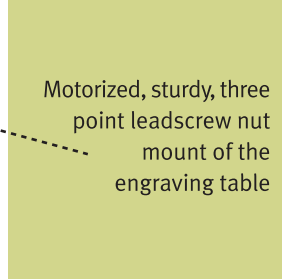
Motorized, sturdy, three point leadscrew nut mount of the engraving table
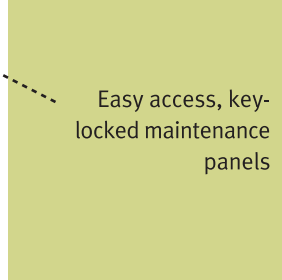
Easy access, key-locked maintenance panels

Revolutionary Touch Screen Keypad features Ethernet communications and full system/job control, real time job statistics, diagnostics, and job preview with pan and zoom.
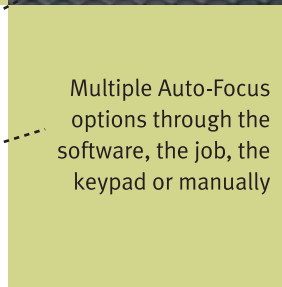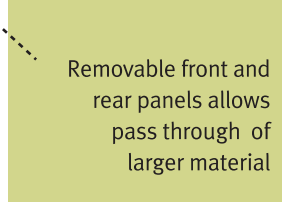
Removable front and rear panels allows pass through of larger material

Rigid Monocoque Construction

Field-Interchangeable Tube Design (20 to 100 Watt air cooled) for future upgrades
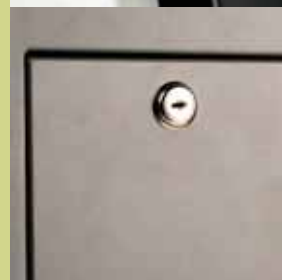
Precision, high-speed, low maintenance motion system with <u>lifetime</u> bearing warranty
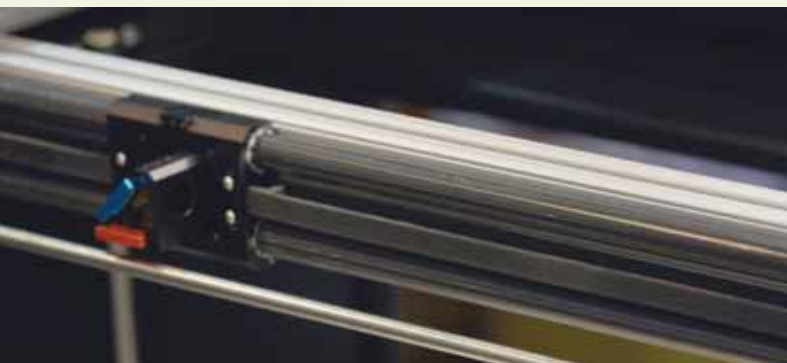
Industrial locking casters, rated over 200 lbs a piece, provide the ultimate foundation.

All optics are mounted in color coded holders that can be removed and replaced without affecting beam alignment.

Gas struts hold the lid open for easy access.

Outstanding raster and vector engraving quality

XLT & XLE 1325 Laser Engraving System

FOR MAXIMUM PRODUCTIVITY AND VERSATILITY

Specifications Table surface area: 13" x 25" (330.2 x 635 mm) • Engraving area: 325 sq. in. • Machine Weight: 275 lbs. (124.85 kg) • Shipping Weight: 520 lbs. (236.08 kg) • Maximum Z travel: 10" (254 mm) • Ships with laser accessory kit and Xenetech Graphic Workstation Professional Engraving Software: XGW-32 and Print Driver • Dimensions: Width 41.5" (1054.1 mm), Height 38" (965.2 mm), Depth 27" (685.8 mm) • Call for further options and specifications

Breaking the speed barrier.
Xenetech has applied over 20 years of motion control experience to engineer a low-maintenance motion system capable of engraving speeds of 150* ips.

150 ips available only on systems with 60, 80 or 100 watt laser tubes. 120 ips for all other XLT models.

Touch screen keypad: On-board control panel gives total and real time control of the job, such as: on- the-fly speed and power changes, scroll-through job queue, job preview, pan and zoom, job recall , end-of-job signal, positioning, statistics read out, and more.

Front and back panels are quickly removed to provide easy access for material placement.

Heavy duty servo motor with a peak power of 614 Watts, and a peak torque of 164 oz. inches.

XLT Defining Features
- Engraving and travel speeds from .001 to 150 ips
- 30, 40, 60, and 80 watt air cooled models, and 100 watt water cooled models (all power measured at the lens at the farthest point from the tube)
- Heavy duty servo X-axis motor with a peak power of 614 watts and a peak torque of 164 oz. inches

XLE Defining Features
- Engraving and travel speeds from .001 to up to 75 ips.
- 10, 25, 30, 40, 60, and 80 watt models air cooled models and 100 watt water cooled models (all power measured at the lens, the farthest point from the tube)
- Custom wound, high speed, encoded stepper motors

Features for both the XLT & XLE 1325. An investment in these Laser Systems begins with top-of-the-line performance and a wide variety of features and enhancements, including:

- Large 13" x 25" (342 x 647 mm) engraving area with 10" (254 mm) of clearance; Honeycomb core table for strength.
- Revolutionary touch screen control panel featuring:
  ~ Pause/cancel
  ~ Table up/down
  ~ Speed control
  ~ Power control
  ~ Auto-focus; choose focus location on odd shaped pieces
  ~ Job preview with pan and zoom
  ~ Save up to four different home positions for X, Y, and Z, for use with cylindrical fixture, vector table, etc.
  ~ Real time job timer
  ~ Job queue that loads jobs and job information from any computer on the network
  ~ End of job signal on/off
  ~ Red diode pointer on/off
  ~ Direct import HPGL control
  ~ Direct .dxf file execution
  ~ Air assist on/off
  ~ Exhaust blower delay exhausts gasses at the end of a job
  ~ Imperial and metric settings
  ~ Mottle settings to control laser pulsing during raster
  ~ Diagnostics for feedback on functionality of system components (laser tube status and power supply performance)

- State-of-the-Art motion system featuring:
  ~ Lifetime bearing warranty
  ~ Adjustable belt tension for the ultimate fine tuning
  ~ Light weight components that allow the fastest acceleration and fastest speeds in the industry
  ~ Double break design limit switches that are protected from moisture and dust by a silicon rubber boot
  Superior bearings:
  ~ No lubrication required
  ~ Push debris off of the rail as the machine runs
  ~ Significant speed capabilities over recirculating ball bearings
  ~ Unrestricted acceleration
  ~ Larger contact surface than point contact recirculating bearings
  ~ Low friction coefficient
  ~ Abrasion resistant
  ~ Reduced mechanical vibration
  ~ Chemically resistant to alcohol, fuel, strong alkali, and most weak acids
  ~ Operating temperatures from −58° F to 194° F
- Heavy duty servo motor for high speed with absolute accuracy including:
  ~ Faster moves and settling times
  ~ Superior tracking accuracy
  ~ Adaptive inertia matching technology for fine tuning

  ~ Peak power of 614 watts
  ~ Peak torque of 164 oz. inches
- Easy change optic system including:
  ~ Optics substrates and coatings are rated up to 1,000 Watts
  ~ Color coded optic holders for different mirrors and lenses.
  ~ Ability to remove optics for cleaning or replacement without losing alignment
  ~ Quick align design for beam alignment
- Interchangeable tube design including:
  ~ The highest quality tubes on the market
  ~ Ability to replace tube assembly or upgrade without having to adjust beam alignment
  ~ Tube assembly includes laser tube (20-100 watt), RF unit if separate, and power supply
- State-of-the-Art cabinet design including:
  ~ Rigid monocoque design to maximize strength while minimizing weight
  ~ Exhaust design placement and cabinet seal for maximum air flow across engraving area
  ~ Key-locked access panels for easy removal
  ~ Removable back panel for pass through capability
  ~ Industrial locking casters rated at over 200 lbs each
  ~ High quality lid and front door concealed hinges

  ~ Gas strut supported lid
  ~ All stainless steel hardware to prevent corrosion
- High Speed, continuous motion controller including:
  ~ AMD SC 520 microprocessor
  ~ 32-bit Architecture and 64-bit FPU
  ~ On-board LED diagnostics
- User controlled Red diode pointer for proofing and positioning beam. Fires while engraving or can fire at all times
- View job progress from remote location
- Motorized table height adjustment
- Three point table mount for stability
- Protection from laser beam (class IIIa laser)
- End of job signal
- Xenetech Graphic Workstation Professional Engraving Software: XGW-32 (see catalog page 19 for features)
- Xenetech 32-bit Print Driver
- Ethernet capability
- Rubber Stamp Mode
- Optional Accessories
  ~ Cylindrical Engraving Attachment
  ~ 1", 1.5", 4", and 5" focal length lens
  ~ Dual Head
  ~ Air Assist
  ~ Laser Cutting Table

* Patented

DANGER
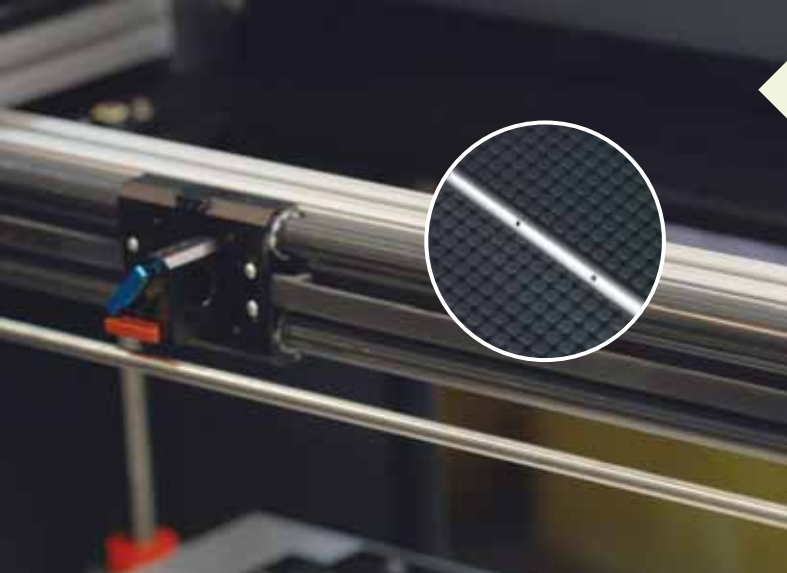
Directed Air Assist floods the entire X-Axis work area with air.

Large 24"x36" surface area for laser engraving.

The XLT has engraving speeds up to 150* ips; while, the XLE engraves at a speed of 75 ips. Both with quick acceleration and deceleration.

Access panels are key-locked for easy removal.

XLT & XLE 2436 Laser Engraving Systems

Maximum surface area, minimum footprint

Specifications Table surface area: 24" x 36" (609.6 x 914.4 mm) • Engraving area: 864 sq. in. • Machine Weight: 340 lbs. (154 kg) • Shipping Weight: 600 lbs. (272 kg) • Maximum Z travel: 10" (254 mm) • Ships with laser accessory kit, Xenetech Graphic Workstation Professional Engraving Software: XGW -32, third party (CorelDraw!™) Print Driver • Dimensions: Width 54.5" (1384.3 mm), Height 41.5" (1054.1 mm), Depth 33.5" (850.9 mm) • Call for further options and specs

Breaking the speed barrier with the XLT 2436.
Xenetech has applied over 20 years of motion control experience to engineer a low-maintenance motion system capable of engraving speeds of 150* ips.

150 ips available only on systems with 60, 80 or 100 watt laser tubes. 120 ips for all other XLT models.

Laser Cylindrical Attachment (optional) allows engraving on mugs, glasses and other cylindrical items. It can accommodate sizes up to 6.75" (171.5 mm) in diameter and 13.75" (349.2 mm) in length. The fixture is capable of engraving a full 360° around an object.

FOR PRICING, TECHNICAL SPECS or ORDERING: 1-225-752-0225

XLT Defining Features

- Engraving and travel speeds from .001 to 150 ips
- 30, 40, 60, 80, 100 watt air cooled, and 200 watt water cooled models (all power measured at the lens, the farthest point from the tube)
- Interchangeable tube design:
  - ~ Tube assembly includes laser tube (30-200 watt), RF unit if separate, and power supply
- Heavy duty servo X-axis motor with a peak power of 614 watts and a peak torque of 164 oz. inches

XLE Defining Features

- Engraving and travel speeds from .001 to up to 75 ips.
- 10, 25, 30, 40, 60, 80 , 100 watt models and 200 watt water cooled (all power measured at the lens, the farthest point from the tube)
- Interchangeable tube design:
  - ~ Tube assembly includes laser tube (30-100 watt), RF unit if separate, and power supply
- Custom wound, high speed, encoded stepper motors

All optics are capable of handling up to 1,000 watts and are mounted in dove-tailed and color coded holders.

Front and back panels are quickly removed to provide easy access for material placement.

Features for both the XLT & XLE 2436. An investment in these Laser Systems begins with top-of-the-line performance and a wide variety of features and enhancements, including:

- Large 24" x 36" (610 x 914.4 mm) engraving area with 10" (254 mm) of clearance; Honeycomb core table for strength.
- Revolutionary touch screen control panel featuring:
  - ~ Pause/cancel
  - ~ Table up/down
  - ~ On-the fly Speed and Power control
  - ~ Auto-focus; choose focus location on odd shaped pieces
  - ~ Job preview with pan and zoom
  - ~ Save up to four different home positions for X, Y, and Z, for use with cylindrical fixture, vector table, etc.
  - ~ Real time job timer
  - ~ Job queue that loads jobs and job information from any computer on the network
  - ~ End of job signal on/off
  - ~ Red diode pointer on/off
  - ~ Direct import HPGL control
  - ~ Direct .dxf file execution
  - ~ Air assist on/off
  - ~ Exhaust blower delay exhausts gasses at the end of a job
  - ~ Imperial and metric settings
  - ~ Mottle settings to control laser pulsing during raster
  - ~ Diagnostics for feedback on functionality of system components (laser tube status and power supply performance)

- State-of-the-Art motion system featuring:
  - ~ Lifetime bearing warranty
  - ~ Adjustable belt tension for the ultimate fine tuning
  - ~ Light weight components that allow the fastest acceleration and fastest speeds in the industry
  - ~ Double break design limit switches that are protected from moisture and dust by a silicon rubber boot
  - Superior bearings:
  - ~ No lubrication required
  - ~ Push debris off of the rail as the machine runs
  - ~ Significant speed capabilities over recirculating ball bearings
  - ~ Unrestricted acceleration
  - ~ Larger contact surface than point contact recirculating bearings
  - ~ Low friction coefficient
  - ~ Abrasion resistant
  - ~ Reduced mechanical vibration
  - ~ Chemically resistant to alcohol, fuel, strong alkali, and most weak acids
  - ~ Operating temperatures from −58° F to 194° F
- Heavy duty servo x-axis motor (XLT only) for high speed with absolute accuracy including:
  - ~ Faster moves and settling times
  - ~ Superior tracking accuracy

  - ~ Adaptive inertia matching technology for fine tuning
  - ~ Peak power 614 watts
  - ~ Peak torque 164 oz. inches
- Easy change optic system including:
  - ~ Optics substrates and coatings are rated up to 1,000 Watts
  - ~ Color coded optic holders for different mirrors and lenses.
  - ~ Ability to remove optics for cleaning or replacement without losing alignment
  - ~ Quick align design for beam alignment
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  - ~ The highest quality tubes on the market
  - ~ Ability to replace tube assembly or upgrade without having to adjust beam alignment
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  - ~ Rigid monocoque design to maximize strength while minimizing weight
  - ~ Exhaust design placement and cabinet seal for maximum air flow across engraving area
  - ~ Key-locked access panels for easy removal
  - ~ Removable back panel for pass through capability
  - ~ Industrial locking casters rated at over 200 lbs each
  - ~ High quality lid and front door concealed hinges

  - ~ Gas strut supported lid
  - ~ All stainless steel hardware to prevent corrosion
- High Speed, continuous motion controller including:
  - ~ AMD SC 520 microprocessor
  - ~ 32-bit Architecture and 64-bit FPU
  - ~On-board LED diagnostics
- User controlled Red diode pointer for proofing and positioning beam. Fires while engraving or can fire at all times
- View job progress from remote location
- Motorized table height adjustment
- Three point table mount for stability
- Protection from laser beam (class IIIa laser)
- End of job signal
- Xenetech Graphic Workstation Professional Engraving Software: XGW-32 (see catalog page 19 for features)
- Xenetech 32-bit Print Driver for Third Party Software (CorelDraw!™)
- Ethernet capability
- Rubber Stamp Mode
- Optional Accessories
  - ~ Cylindrical Engraving Attachment
  - ~ 1", 1.5 ", 4 ", and 5 " focal length lens
  - ~ Dual Head
  - ~ Air Assist
  - ~ Laser Cutting Table

DANGER

eurolaser cutting systems M-1200

Laser–One tool for many applications: a) Acrylic, b) Wood, c) Foil, d) Textile and e) Dieboard.
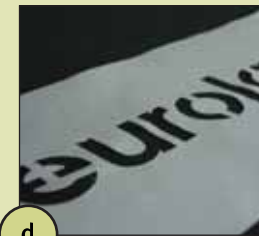
a

b

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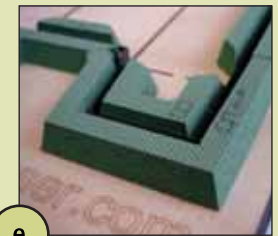
Xenetech Large Laser Systems
BY EUROLASER   HIGH QUALITY VECTOR CUTTING SYSTEMS

Specifications

- Tube wattages from 50 to 500 are available.

- Eurolaser systems are available with ten different table sizes. From the smallest cutting area of 31.5"x31.5" (800 mm x 800 mm) to the largest cutting area of 106.3"x118.1" (2,700 mm x 3,000 mm), we have a system to suit your production needs.

- Some of the many options include: exhaust and filtering units, power adapted water/air cooling units, compressed air and purge air supply units, pilotlaser, OptiSCOUT digital camera positioning system, conveyor, sheetfeeder, special table concepts for material processing, 3D raster engraving, Mechanical tool heads for milling and engraving.

Large size for laser cutting of textiles
2XL-3000 Conveyor

FOR PRICING, TECHNICAL SPECS or ORDERING: 1-225-752-0225

Flexible textile applications

Wood artwork–possible by eurolaser processing

Cut out membrane switch

Finished dieboard on the laser table

Applications

Vector cut Acrylics for custom shaped awards or point of purchase displays.
- Produce polished edges on acrylics during the cut out without the need for labor intensive hand polishing.
- Inner contours cut in the acrylic items will have the same cut finish as outside contours without the additional work.
- No physical contact is made with the acrylic during the process, so the material does not need to be fixed in position for the cut, and material bridges are not necessary to prevent material movement upon completion of the cut.
- No material chips are generated so there is less waste and clean up.
- Outstanding fitting tolerances and repeatability

Vector cut wood and veneers with high precision
- Delicate thin veneers do not need to be fixed or held in position because no physical contact is made with the material during the cut.
- Burr-free cutting.
- Exceptional fitting tolerances and repeatability.
- Both the positive and negative cut and be used, so there is less waste.
- An optional self-adjusting Z-axis is used to optimize the focus position while processing uneven materials.

Vector cut Plastic Foils, Films, and Membrane Switches
- This laser is up to four times faster than with conventional knife cutters.
- All the membrane switch layers can be cut in one processing step.
- The edges cut during processing are sealed by the laser to prevent the penetration of dirt or separation of layers.
- Laser cutting is more precise than punching, and changes can be made without purchasing new punching or die tools.
- Camera system option with intelligent software is available for the automatic cutting of printed material with compensation for distortions.
- An optional sheetfeeder or conveyor can be added to this system to fully automate the production process.

Vector cut Textiles
- The laser allows for the flexible production of samples.
- An optional sheetfeeder or conveyor can be added to this system to fully automate the production process.
- There are no cutting tools to cause material movement. The cost of replacing worn cutting tools is eliminated.
- The edges of most synthetic textiles are fused during the laser cutting process. Fused edges will not fray!
- Camera system option with intelligent software available is for the automatic cutting of printed material with compensation for distortions.
- Static table concepts for textile processing are also available.

Dieboard Production
- There are less processing steps when compared to traditional methods. (ex. drilling, sawing, bending knives to fit unprecise cuts, etc...)
- The cutting is done in the focus point, so there is less material to be evaporated, fewer emissions, lower priced exhaust units, less laser power required, and clean, well toleranced cuts.
- The cut gap widths are the same on the top and bottom of the board.
- Switching from the stripping cut to the 6 point or wider cut is infinitely variable in our software.
- Individual correctional values can be assigned to different line types, and multiple line types can be set in the Eurolaser software.
- An optional self-adjusting Z-axis is used to optimize the focus position while processing uneven materials.
- Available wave cut and deep bridge engraving option.

Class IV Laser

THE EUROLASER MODELS AND TABLE SIZES

MODEL	WORKING AREA INCHES (MM)	MAX. MATERIAL WIDTH IN. (MM)
S-800	31.5"x31.5" (800x800мм)	36" (914мм)
M-800	51.2"x31.5" (1300x800мм)	55.5" (1409мм)
M-1200	51.2"x47.2" (1300x1200мм)	55.5" (1409мм)
M-1600	51.2"x63" (1300x1600мм)	55.5" (1409мм)
L-1200	70.9"x47.2" (1800x1200мм)	81.5" (2070мм)
L-2500	70.9"x98.4" (1800x2500мм)	78.7" (1998мм)
XL-1200	90.5"x47.2" (2200x1200мм)	87.8" (2230мм)
XL-1600	86.6"x63" (2200x1600мм)	94.3" (2395мм)
XL-3000	90.5"x118.1" (2200x3000мм)	94.3" (2395мм)
2XL-3000	106.3"x118" (2700x3000мм)	110.2" (2800мм)

Xenetech Rotary Systems—Simply the Best

For maximum productivity and versatility

LEADING TECHNOLOGY—Xenetech incorporates its exclusive Viper® electronics technology and its Xenetech Graphic Workstation (XGW-32) engraving application software into every Xenetech rotary system. Ethernet-based Viper electronics provide unmatched speed and control over the job from a touch screen pendant. These sophisticated electronics allow the engraver to change engraving speeds while the job is engraving as well as engrave, or re-engrave by character, line, and plate. The Viper interpolates all axes simultaneously to provide high precision engraving including 3D. Xenetech's industry-leading XGW-32 was the first Windows-based rotary and laser engraving application software. From high-productivity multiple plate engraving, to panel face layout, to sophisticated graphics output, to comprehensive help files, Xenetech software developers will keep you on the cutting edge and help you efficiently tackle every engraving challenge.
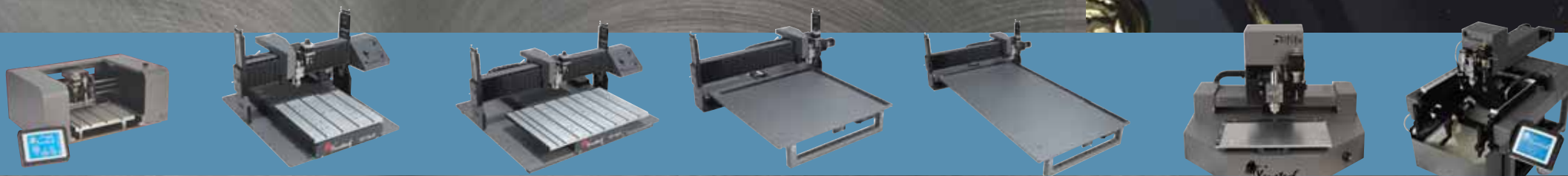
TOP QUALITY COMPONENTS—To build the finest engraving machine we start with the best electronic and mechanical components. Every motor, switch, lead screw nut in fact every component is rated and exceeds the requirements for its intended role in the system. Further we hand assemble all of our systems at our factory and perform a 242-point quality inspection with a 48 hour burn-in prior to shipping the system to you.

PRODUCTIVITY— Xenetech software, electronics, and hardware work in concert to maximize user throughput. Our intuitive XGW-32 software or rotary print driver allows you to create and prepare for engraving in the absolute minimum number of keystrokes possible. Then, Viper electronics take over controlling the job and engraving at 10 inches per second. Our high quality engraving tables are built to handle high speed engraving for many years without interruption. In fact, it is not uncommon to speak with an owner of a 20 year old Xenetech engraving machine who has experienced little or no downtime with the system.

EASY TRANSITION TO THE LATEST TECHNOLOGY—Xenetech's philosophy has always been to provide affordable software, electronic, and hardware upgrade paths for existing customers. These paths relieve the need to constantly buy complete new systems to keep up with technology. For example, our latest software and Viper electronics can be used in conjunction with decade old engraving systems.

COMPREHENSIVE SUPPORT—When you purchase a Xenetech rotary system you purchase the commitment of a U.S. manufacturer that has a 20 year track record of taking care of customers. Our distributors, customer service representatives, and technicians are experienced at quickly helping customers succeed. We provide several layers of applications and technical support to help you expand your knowledge and your business.

GREATEST RETURN ON INVESTMENT—Saving minutes per job quickly add to hours which quickly add to days of savings. Combine productivity gains with the low cost of ownership of a Xenetech system through our systems' durability and you will quickly conclude that Xenetech systems make sense, lots of cents.

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, and more.

Standard
2-year
warranty*

Optional diode
pointer for plate
re-sizing and trial
engraving

Premium motion
system with linear
rails and bearings
on all axes

Motor speed control
with auto vacuum
accessory plug

Dove-tail
upright design
to ensure bridge
alignment

Automatic surface
sensing, senses every
cutter down with an
optical proximity sensor

4-Driver High
speed (10 ips+)
Viper®
Electronics

Diode pointer

Industrial
t-slot table

4 Bearing 20,000
rpm spindle (collet
and high speed
spindle optional)

Rugged tooling plate
with rigid frame
construction*

Real-time
forward/backward
engraving control by
character/line/plate

Job preview
pan/zoom
from pendant

Up to 7.438" clearance*
standard cylindrical
attachment and ring
attachment ready

*Features may vary with model. See individual system
specifications for specific table features.

Fully programmable
z-axis with 2" maximum
travel allows for greater
initial clearance over
material surface

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

Reverse engraved subsurface signage leaves a smooth face on signs. The addition of cut-out shapes yields a dramatic 3-D effect.

Reverse engraved and paint filled, this precise line detail is perfect for blueprint or industrial applications.

XOT Star 912

XOT 1313

XOT Star 912 This 9" x 12" tabletop model with adjustable T-slot has the durability and versatility you demand from larger systems, plus super portability at a price that's budget-friendly.

Standard 1-year warranty.

Table surface area: 9" x 12" (228.6 x 304.8 mm) • Footprint: 17.5" x 25" (444.5 x 635 mm) • Engraving area: 108 sq. in. (2,743.2 sq. mm) • Shipping weight: 116 lbs. (52.67 kg) • Maximum spindle travel: 1" (25.4 mm); Maximum material clearance: 2.75" (69.9 mm) • Includes 912 accessory pack • Call for further options and specs.
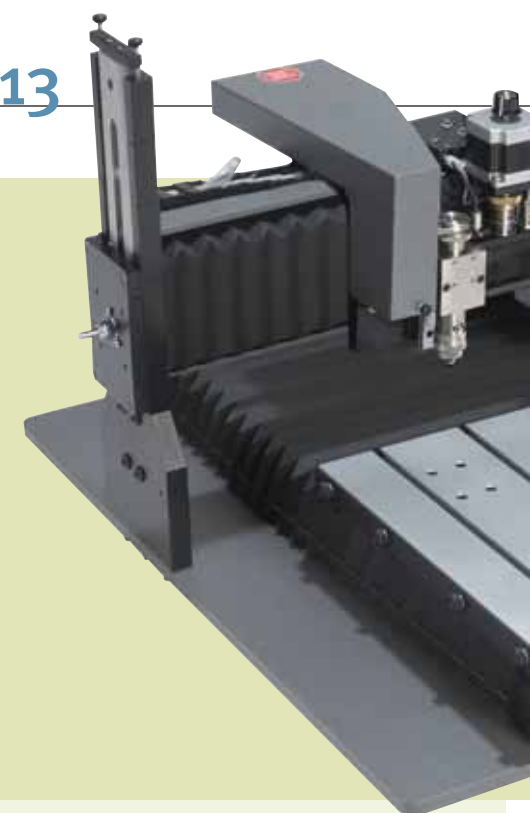
XOT 1313 Big-time features in a smaller-format machine. Pound for pound, it's the strongest engraver in our line, a winning combination of power, performance and cost-effectiveness. It's our leading seller in the industrial markets, where engraving, routing and milling stainless steel and other difficult materials are often required.

Standard 2-year warranty.

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 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
  - ~ Test engrave
  - ~ Set offset}
  - ~ 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
- Remote operation and tracking of job from PC monitor
- † *Computer not included.*

XOT 1625

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 (see page 22) • Call for further options and specs.

XOT 1625 If you're looking for a mid-sized system that hits the target every time, this is the sure shot. The 1625 is a rugged, precise workhorse with the largest engraving area in its class—yet it's priced to provide an outstanding return year after year.

Standard 2-year warranty

Table surface area: 16" x 25" (406.4 x 635 mm) • Footprint: 32" x 34" (812.8 x 863.6 mm) • Engraving area: 400 sq. in. (10,160 sq. mm) • Shipping weight: 440 lbs. (199.76 kg) • Maximum spindle travel: 2" (50.8 mm); Maximum material clearance: 7.188" (182.5 mm) • Includes accessory pack with 5 plastic cutters (see page 22) • Call for further options and specs.
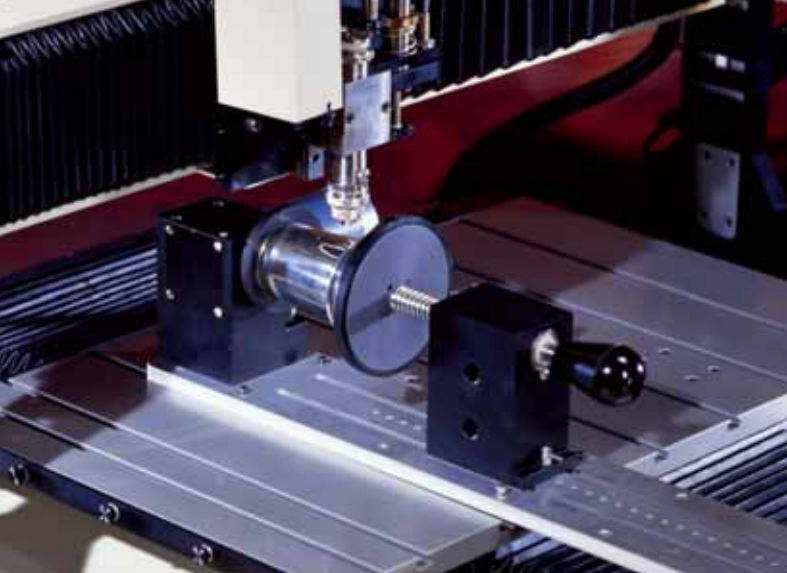
Rotary Cylindrical Attachment available on rotary models: 1313, 1625, 2525 and 2550. This attachment allows engraving on mugs, glasses and other cylindrical items. It can accommodate sizes up to 6.75" (171.5 mm) in diameter and 13.75" (349.2 mm) in length. The fixture is capable of engraving a full 360° around an object. Optional 3 Jaw Chuck allows the holding of smaller items like pens, PVC pipe, copper pipe, etc. from .125" (3.18 mm) diameter by 13.75" (349.2 mm) in length.

XOT 2525

XOT 2550

XOT 2525 Our 2525 expands the capabilities of the mid-range engraving class, providing a significant step up in size over our 1625. It's a great solution for high-volume shops, or a great way to plan for growth.

Standard 2-year warranty.

Table surface area: 25" x 25" (635 x 635 mm) • Footprint: 31" x 35" (787.4 x 889 mm) • Engraving area: 625 sq. in. (15,875 sq. mm) • Shipping weight: 510 lbs. (231.54 kg) • Maximum spindle travel: 2" (50.8 mm); Maximum material clearance: 7.438" (188.9 mm)• Includes accessory pack with 5 plastic cutters (see page 22) • T-slot table optional • Call for further options and specs.

XOT 2550 Put 1,250 square inches of engraving power and technology in your hands with the 2550—the largest rotary engraving system on the market. For large-format or high-production shops, the 2550 provides all the versatility you may ever need.

Standard 2-year warranty.

The Viper® 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.

2550 Dual Head with 1625 T-slots and No-slip Timing Belt
Dual head available on 912 on up

Table Stand with Locking Casters
Available for 1625, 2525 and 2550

Xenetech's Viper® Electronics

A PARADIGM SHIFT IN ROTARY ENGRAVING

Table surface area: 25" x 50" (635 x 1,270 mm) • Footprint: 31" x 60" (787.4 x 1,524 mm) • Engraving area: 1,250 sq. in. (31,750 sq. mm) • Shipping weight: 640 lbs. (290.56 kg) • Maximum spindle travel: 2" (50.8 mm); Maximum material clearance: 7.438" (188.9 mm) • Includes accessory pack with 5 plastic cutters (see page 22) • T-slot table optional • Call for further options and specs.

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® Electronics with Viper® 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's® controller provides interpolation of all 4 axes simultaneously with on-board temperature, motor, and voltage diagnostics. With the Viper® Pendant, you have complete, touch-screen access to your engraving system. The hand-held 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®, 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, 2550, Viper® JE and Viper® GE 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® electronics.

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

PREFERED REQUIREMENTS
- Intel Core 2 Processor
- Windows XP with 1GB RAM as above
  or
- Windows VIsta with 2GB RAM and 256 MB Video Adapter with DEDICATED Memory

VIPER™*

* Patent Pending

Xenetech's Viper® GE is designed for all gift and jewelry engraving applications including bowls, cups, mugs, inside and outside ring engraving, small and large gifts, small and large jewelry pieces, bracelets, pens, plaques, signs, awards, medals, tags, and industrial parts. The system contains Xenetech's automatic surface sensing capability that allows for flat, curved surface, and cylindrical engraving on various materials including glass, plastic, and metal. Each system includes Xenetech's professional engraving windows-based software— XGW-32, 40 engraving fonts, 2,500 engravable True-Type™ fonts, the new Viper® high productivity electronics, touch screen keypad, Self Centering Vise engraving table, quick change ring, flat, and cylindrical engraving attachments, a rotary engraving spindle, and a two year warranty.

GE self centering vise for engraving small and odd shaped jewelry and gift pieces.

Cylindrical engraving up to a large 12" diameter with 14.25" height.

Viper® GE Gift Engraving System

The One Stop Engraving Shop

TOUCH SCREEN KEYPAD
(mounts to either side)

CYLINDRICAL
ENGRAVING
ATTACHMENT
SHOWN INSTALLED

(computer not included)

RING
ATTACHMENT

ENGRAVING TABLE
WITH SELF
CENTERING VISE
AND DELRIN JIGS

CYLINDRICAL ATTACHMENT FIXTURES

Specifications

- Flat table surface area: 12"X12" (17.78 X 27.94 cm) with 8" pass through access
- ID ring size vise holder: #2 to #16 (Class Ring holder optional)
- Base Footprint: 21.75" X 26.5" (68.58 X 52.07 cm)
- Overall Dimensions: 30.375" W X 27.25" H X 39.125" D
- Weight: 100 lbs.
- Maximum material clearance:
    ~ Flat Engraving 6.5"
    ~ Flat Engraving 36" and more (table/water basin removed)
- Cylindrical Engraving to a 12" diameter with 14.25" height
- Tilt Flat Table 26°±; Tilt Cylindrical 35°±
- Requires Windows XP or higher and Ethernet card
- Max Engraving Speed 8 IPS (standard)
- Touchscreen Pendant
- Viper® Electronics with VCS™ Technology
- XGW 32 Engraving software

Inside/Outside of rings, gifts, jewelry engraved with the GE or JE

Xenetech's Viper® JE is specifically designed for jewelry engraving applications including inside and outside ring engraving, watch backs, pendants, pens and more. The system contains Xenetech's automatic surface sensing capability that allows for flat and curved surface engraving on various materials including metal. Each system includes Xenetech's professional engraving software, 40 engraving fonts, 2,500 engravable True-Type fonts, the new Viper® high productivity electronics, touch screen keypad, flat engraving table, quick change ring engraving attachment, and a one year warranty. Burnishing and standard rotary (e.g. plastic) engraving are optional features.

Ring attachment for inside (shown) and outside ring engraving.

Side view of ring engraver attachment.

Viper® JE Jewelry Engraving System
REVOLUTIONIZING PERSONALIZATION

Included Accessories
- Self Centering Vise and Flat Table with Removable Center
- Cylindrical Attachment
- Ring Attachment
- Red Diode Pointer for setting plate size, dry runs, and finding offsets
- 4 Bearing 11/64" or 1/4" Spindle (for plastic, burnishing, and deep metal engraving)
- Diamond Drag Adaptor Kit
- Three jig-holders (for watch backs and jewelry items)
- Circulating lubrication bath
- Tool Holder
- Light Touch Burnishing Adaptor and Burnisher
- Cutters for Engraving in Plastic
- Draw-tools for XGW-32 Engraving Application Software

Optional Accessories
- Pen and Seal Jig
- 3 Medallion Jig
- Class Ring (inside/outside) holding fixtures
- Gold foil print attachment

* Computer Not Included

Specifications
- Flat table surface area: 7" X 11" (177.8 X 279.4 mm)
- ID ring size vise holder: #2 to #16 (Class Ring holder optional)
- Footprint: 27" X 20.5" (685.8 X 520.7 mm)
- Weight: 51 lbs. (27.80 kg)
- Maximum material clearance: 1.5" (38.1 mm)
- Requires Windows XP or higher and Ethernet card
- Touchscreen Pendant
- Viper Electronics with VCS Technology
- XGW 32 Engraving software with Drawing Tools

Included Accessories
- Flat Engraving Table
- Self Centering Vise
- Ring Attachment
- Diamond Drag Adaptor Kit

Optional Accessories
- Spindle Motor with 11/64" or 1/4" Spindle
- Pen and Seal Fixture
- Replacement Diamond Stylus
- Draw Tools Scanning/Design Software Upgrade
- Class Ring (inside/outside) holding fixtures
- Cutters for Engraving in Plastic
- Light Touch Burnishing Adaptor
- Diamond Burnisher

RING ENGRAVING ATTACHMENT

OPTIONAL SELF CENTERING VISE

7"x11" ENGRAVING TABLE

TOUCH SCREEN KEYPAD

a) On-line help files provide comprehensive assistance with a simple point and click. **b)** Panel face layout is valuable in industrial applications. **c)** Custom hatch filling for TrueType™ fonts and logos

Written and Developed by Engraving Professionals.

Our industry-standard engraving and signmaking software continues to exceed the expectations of professionals everywhere. We were the first to incorporate the Windows™ operating system into computer-controlled engraving, and our continuous innovation has changed the way the industry works today—and tomorrow.

The Xenetech Graphic Workstation™ was written and developed by professional engravers, and is compatible with most engravers, routers, vinyl cutters, printers and signmaking equipment. Add customer service and on-line technical support, free TrueType™ fonts, clip art and free updates, and it's the only graphics and job control program you'll ever need.

a b c

Xenetech Graphic Workstation™ Software

THE FORCE BEHIND THE CUTTING EDGE

Xenetech Graphic Workstation™ 32 Bit Windows® Based Software Includes: XGW 32 Bit Software CD, Manuals, 2,500 TrueType™ Fonts, Optional Clip Art and Instructional DVDs

Graphic Workstation Software Features

- Works efficiently with CorelDraw!™, Sign Lab™, CASmate™, EngraveLab™ and many other leading software applications
- Opens Meistergram® and Dahlgren® job files
- Real-time graphics and text layout
- Optimized output and cutting direction
- Choice of 40 engraving fonts, including ADA fonts *(90+ available)*
- Over 2,500 TrueType™ fonts
- Cutter/tool offset
- On-line technical support and help files
- Instant software updates through the Internet
- Auto Braille translation (Grade II)
- California (Title 24) Braille
- Multiple plate/matrix or batch processing
- Auto serial numbering
- Auto font making capability

- Panel and automatic dial making
- English or Imperial measurement
- Job pricing
- Basic 3-D engraving
- Proportional/newspaper spacing
- On-the-fly hatch fill for TrueType™ fonts
- Full-featured alignment tools
- Macro language capability
- Spell Check feature also available at an additional charge
- Imports and exports several file formats
- Auto layout and kerning features
- Many Microsoft® Windows™ editing features
- Auto condensing
- Load and use most vector format graphic files including: .WMF, .DXF, .PLT, .HGL, .EPS, and .AI
- Single WYSIWYG work screen
- Word wrap for auto line text entry
- Font change on work screen
- Vertical location of text or logo by baseline/top of line/Y-center

- Manual font kerning (two increments)
- Auto font kerning
- User-adjustable inter-character spacing
- Enter slant angle
- Single keystrokes for many software functions
- On-board system diagnostics
- Add or subtract value to or from existing height, margins, aspect ratio or percent fills
- Software or user-defined cutter suggestions
- User-defined cut-out corner radius
- Multiple layouts in multiple mode with plate offsets
- Multiple depth/pass with increment calculator by character, line or plate
- Software outputs to engraver, vinyl letter cutter/plotter, dot matrix or laser printer
- Outputs to non-Xenetech laser engravers*

- Multi-element alignment of two or more entities by top, middle bottom, left, center or right
- Auto layout by ratios
- Automatic "dial" generation
- Merge jobs to combine two or more jobs into single batch or multiple plate
- User-adjustable plate orientation (sideways left, upside down, sideways right or reverse)
- User-adjustable ruler increments (metric or Imperial)
- Operates in Windows XP
- Windows Item Selector dialogue
- Manual and automatic columnizing features
- Engrave by color feature to prompt cutter changes at the controller
- Programmable Z-axis clearance by selected line or character

* Driver sold separately

FOR PRICING, TECHNICAL SPECS OR ORDERING: 1-225-752-0225

d) Set different engraving depths by color. **e)** Multiple-plate capability allows engraving a series of plates without individual plate set-ups and separate runs. **f)** Scanned image of U.S.S. Charles Ausburne with paragraph layout feature

d

e

f
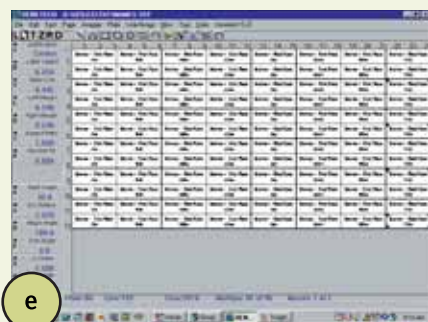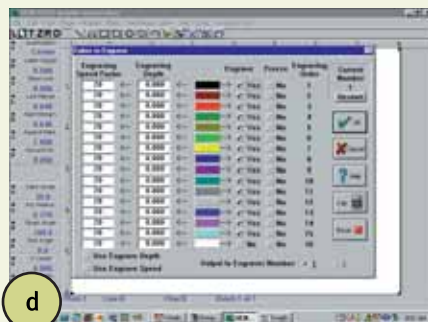
Computer System Requirements Our minimum and preferred computer system requirements vary, based on the nature of the work you will be running. Please feel free to have your reputable local dealer contact us regarding specifications before you purchase a new system, or attempt to run our software on your current system.

Optional Features

- Xenetech Drawing Tools
- Raster (bitmap) to vector conversions
- Xenetech has a twain interface for downloading files from a twain compliant scanner or device.
- Bitmap resample, contrast control
- Depth control by color capability
- On-the-fly hatch fill for logos, etc.
- Full range of vector drawing and editing tools including: straight line, arc, circle, ellipse, free hand drawing, rectangle, round cornered box tools, node edit, section cut and section join tools
- "Explode" features allows you to break apart an existing vector/line art graphic or font character for editing
- Cutter path sort routing to optimize speed of cutting
- Hatch fill any closed shape and modify the hatch fill parameters
- 10 Different Bitmap dithering effects

Rotary & Laser Print Drivers

1

2

3

4
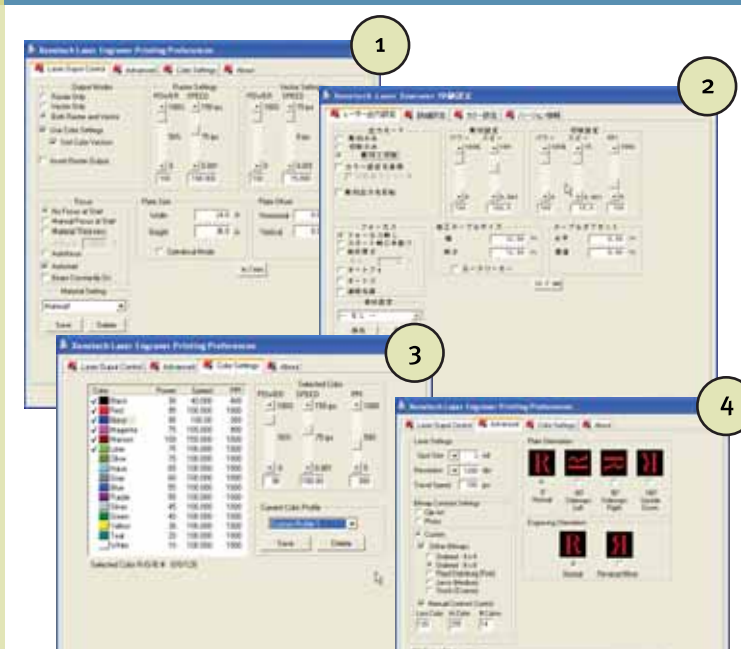
1) Main Laser Output control for controlling power speed, method of focus and plate size and material settings. 2) Main Laser Output control in Japanese. 3) 15 Colors available for setting power, speed and pulses per inch. 4) Advanced pane - controls output resolution, orientation, dither settings and network path for ethernet connection.

Rotary Driver* for Engravelab,® SignLab,® Direct HPGL™ output including CorelDRAW®

We've released a rotary driver to allow licensees of Cadlink's EngraveLab® and SignLab® products to output directly to Xenetech rotary engraving equipment. In addition, our rotary driver will accept HPGL™ plotter files created by other graphic layout programs such as CorelDraw, Adobe Illustrator, and CAD programs. The driver is simple to use and includes a setup menu, settings menu, and a multiple pass dialogue. In addition, the driver allows for pendant job controls - pause, forward/backward by line/character/plate when outputting directly from EngraveLab® and SignLab®. Up to two different rotary systems can be configured and controlled from one instance of our driver. Support for multiple languages is available for the package, and the driver will run in Windows® XP and Vista.

CADlink Technology Corporation is the developer of EngraveLab®, SignLab®, and ProfileLab® software. Since 1987, CADlink Technology Corporation has been developing professional software applications used for Engraving, Signmaking, Routing and Digital Printing.

HPGL™ is the Hewlett-Packard printing language and it is a trademark of the Hewlett-Packard Corporation.

Laser Print Driver* for CorelDRAW®and More

The laser print driver was developed to enable Xenetech laser system users to more efficiently utilize third party software packages. Many Xenetech owners use CorelDRAW® programs in conjunction with Xenetech's XGW-32 professional engraving software. The print driver allows CorelDRAW® users to bypass XGW-32 and output directly to Xenetech laser systems.

Our laser print driver runs in Windows® XP and 2000™. The driver has tremendous flexibility and has many exciting features including: varied output - raster only, vector only or raster/vector combination output; auto focus and focus at start; automatic raster image dithering using a choice of five different dithering methods; bottom up engraving; material settings for power, speed, and pulses per inch (PPI) can be saved with the job; different output orientations (90 degree increments) as well as reverse engraving; plate size can be set for flat and cylindrical items; power, speed, and PPI can be set by using one of the 16 available colors; and specific color profiles used for certain jobs can also be saved to be recalled at a later date *(see dialogue boxes left)*.

Xenetech systems with Ethernet capability or serial connection are able to use the driver.

* Rotary Driver available in English and Spanish.

** Laser Driver available in English, German, Spanish & Japanese

CorelDRAW® X3
GRAPHICS SUITE

Xenetech Laser Software a) Custom shouldering for rubber stamps and notary seals. b) Shoulder setup dialog with automatic calculation of shoulder values. c) Control every aspect of your job with the advanced features of the laser setup dialog box. d) Tip of the Day: Customizable tips aid users with software, hardware, and business practices. e) Laser Materials Setup Dialog. Allows you to store and recall tweaked settings for various materials.

Logo created in CorelDraw! and imported into Xenetech. Laser used to vector-cut each character.
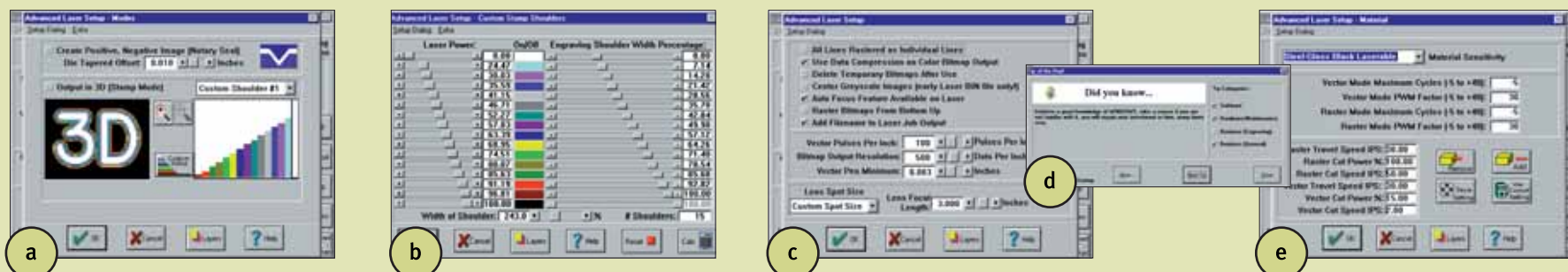
Xenetech Laser Engraving Software

DRIVING OUR SYSTEMS TO 150 IPS AND BEYOND

One option for powering Xenetech lasers is our standard-setting Xenetech Graphic Workstation™ software, included with every system. Developed and continually updated with the specific requests of professional engravers in mind, this Windows™-based application truly delivers, including these outstanding laser features:

- 32 Bit Engraving Software
- Network compatible: send a job to any Xenetech system on the local area network
- Vector & raster engraving in the same job
- 4 different points of origin to coordinate with home positions set at the laser system (X left-Y top, X center-Y center, X center-Y top, X center-Y left).
- Bottom-up engraving and color-controlled power settings dramatically reduce residue impregnation in porous or tacky materials
- Customizable rubber stamp and auto-seal mode with auto-reverse image
- Rubber stamp mode allows for "shouldering" tapered cuts and basic 3-D engraving

- 256 color/greyscale output
- Set power, speed and engraving sequence by color
- Enhanced throughput speed
- Variable ASCII text input is used to create multiple or batch plate layouts.
- Multi-speed job capabilities
- Processes multiple power simultaneously on the same raster pass.
- Runs multiple material thickness in a single job. (Unit will auto-focus for various thicknesses while engraving.)
- Refocuses material to perform multiple pass vector cutting
- Bullseye™ autofocus placement capabilities

- Saves all power, speed, 3-D, focus, job comments and multi-pass settings with each job to be recalled in the future
- Xenetech software runs the laser as an engraver or a printer yielding more functionality
- Allows the ability to enter diameter, radius and circumference values for cylindrical engraving
- Built-in grid cutout allows for batch and multi-plate processing
- Automatic beam focus adjustment in software for different lens focal lengths
- Ability to laser halftones and greyscales

- Resolution Options: 125/143/167/200/250/333/500/1000 DPI
- Buffers/RAM: 4 MB download buffer with unlimited job queue spooled from PC
- Unlimited power settings (0-100% by hundredths)
- Multiple job buffer
- Multiple feature and text merge without batch addition
- Speed setting control from .001 to 150 IPS
- Print Driver (see page 21)
- Built in resampling and dithering features
- Automatic round corner cut out
- X center, Y center origin for easy cylindrical engraving

XeneteXTRAS

Extended Warranty

Worry-Free ownership

Installation and training DVDs We want you to make the most of our continuous innovations. We've produced a variety of hardware and software installation and training DVDs for each system, to help you get started on the right foot.

Telephone Service and Support We know that time is money, so we've established a technical support line to solve any problems you may have. Experienced engraving professionals are standing by to respond to your call at **225.752.0225** or TECH@XENETECH.COM

Tips at Your Fingertips Online help is just a fingertip away. Online help files and manuals in XGW-32 software will walk you through just about any engraving question or challenge.

Equipment Financing With our flexible financing options, owning a Xenetech rotary or laser engraving system is now more affordable than ever. Call us and find out how easily the power and productivity of a Xenetech machine can be yours at market rates.

Xenetech provides system owners with seamless integration, outstanding product performance, and superior customer service. as our mission states, we are an extension of your business.

The unexpected costs and burden of an electronic failure or worse can be catastrophic to any business. For this reason, many of our customers take comfort in protection of Xenetech warranties. By offering industry leading warranties with the sale of every Xenetech product, we provide you with worry-free ownership which allows you to do what you do best—grow your business.

As a service to our customers that like the security of our warranty, we offer STANDARD, GOLD, and PLATINUM program extend warranties on our products. For as little as eight percent of the current list price of the system you own (standard warranty), you can extend the factory warranty and customer benefits for a year. Depending on the protection you select, your coverage includes: 100% coverage on Xenetech electronic components and mechanical parts*; free factory labor; on-site service; free software updates for the product you currently license as they become available; product discounts; free delivery; and prompt access to our customer service professionals to answer your engraving application, software and hardware questions.

* Some mechanical parts, consumable by design, may not be covered. Consult the warranty contract for the listing of these exclusions.
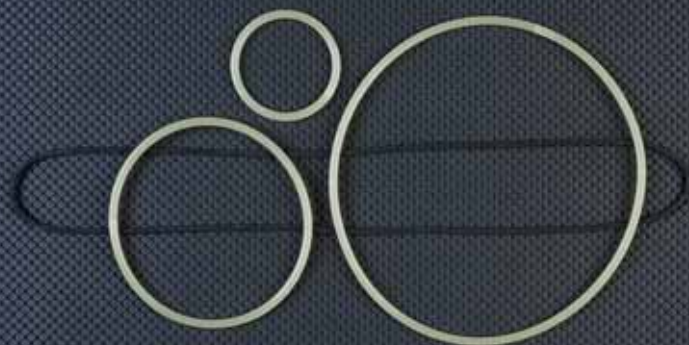
XENETECH WARRANTIES PROVIDE
- Peace Of Mind—No Large, Unexpected Repair Bills
- 100% Coverage On Electronic Components And Mechanical Parts*
- Free Factory Labor
- On-site Service Options
- Preventative Maintenance Options
- Valuable Discounts
- Prompt Access To Experts That Know Your System
- Guaranteed, Genuine, Top-quality Parts
- Unlimited Repairs

ELIGIBILITY
Your engraving machine is eligible for extended coverage if:
Your system is currently under warranty
or
Your system is out of warranty, but your system has been evaluated and accepted for warranty by an authorized Xenetech representative.

Giving you the right tools to do your job is important to us. Xenetech engraving parts and accessories are made from high-quality materials, come complete with customer service and support, and are backed by our standard parts warranty.

Replacement Cables, Components and Parts Pendant Switches, APU Cable, Table Cable, Replacement Knob, Table Interface Board, APU Board, Test Box, Gender Changer, *(Inset photo)* Standard Proximity Sensor, 912 Proximity Sensor, XOT ie Limit Switches, Leadscrew Nut, XOT ie Leadscrew Nut, XOT ie Tension Spring

Belts 912 Spindle Belts, Small Belts, Large Belts, Endless Nylon Motor Belts *(Western™ and Meistergram™ Belts)*

Parts and Accessories

Standard Accessory Pack Includes: Cutter Wrench, Xenetech Screwdriver, Lubricant, 1" Hex Knob, 5 Plastic Cutters, Engraving Table Tape, Replacement Belts and Hex-Key Set *(Items can be purchased separately. XOT 1313 and 1625 come with Table Clamps #1 & #2.)*

912 Accessory Pack Includes: Cutter Wrench, Xenetech Screwdriver, Lubricant, Engraving Table Tape, Fuses, Wire Mount, Replacement Belt, Table Risers and Hex-Key Set *(Each item can be purchased separately. Table Clamps #1 and #2 included.)*

Laser Accessory Kit and Optics Cleaning Kit Includes: Lens, Cotton Swabs, Acetone, Allen Wrenches, Lens Cloth, Fuse, Focus Tool, Power Cord, Connector Cable and Firmware Diskette

FOR PRICING, TECHNICAL SPECS or ORDERING: 1-225-752-0225

Spindle Accessories 6" Top Load 4 Bearing Spindle, 6" 4 Bearing Collet Spindle, Additional Collet, Additional Drawbar, Nosecone, Pointer Set

Burnishing Accessories 11/64", 1/4" and 4 mm and 6 mm Burnishing Adapters, Diamond Drag Adapter Kit, Replacement Diamond Tips

Cutters, Burnishers and End Mills Call for sizes or visit us on-line for a full listing.
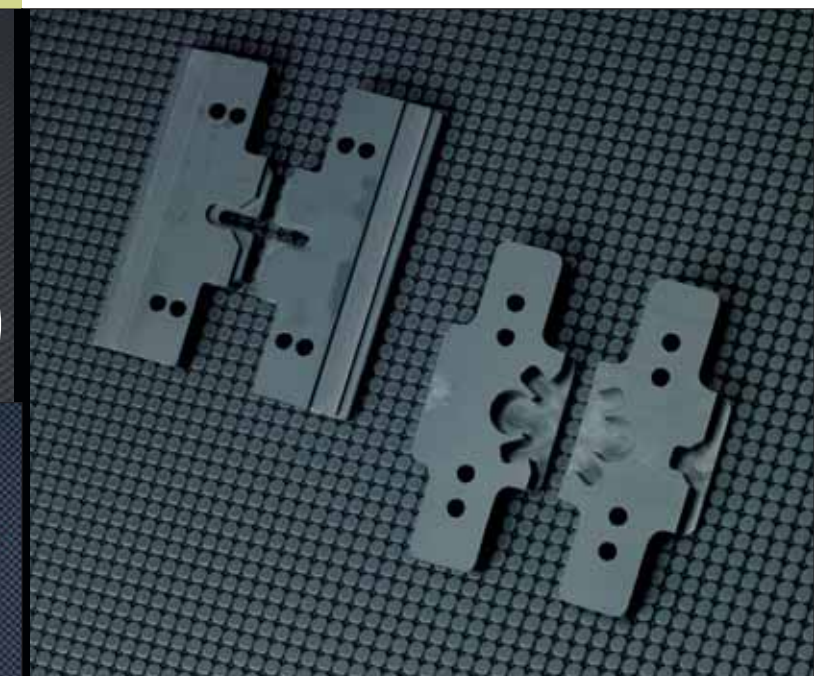
Replacement Spindle Motor, Motor Brushes and Motor Brush Housing Caps Call with questions about specific motors for your machine.

Vises Speed Vise,® Self-Centering Vise (patent pending), Pen & Seal Jig, 3-Medallion Jig, Dowel Pins, T-Nuts

(INSET PHOTO) **Clamps** Clamp #1, Clamp #2, Pivot Clamp

Holding Jigs accommodate a wide variety of objects from jewelry pieces to watch backs.

Shears 12" Table Top Shear (Specify Metal or Plastic)

LCT Honeycomb cutting table (Optional) is designed for strength and flatness, includes reference rulers, and easily attaches/detaches.

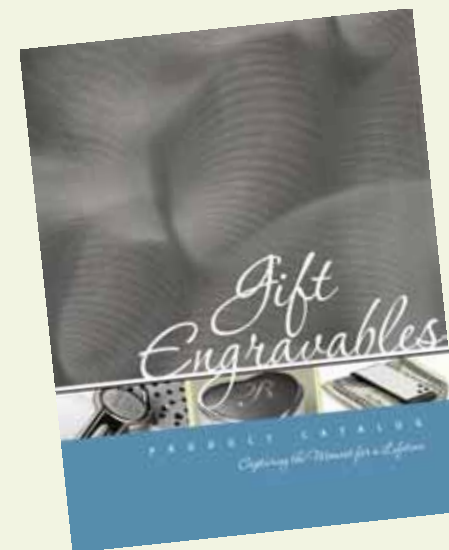**Large Class Ring Jaws -** used for engraving rings equal to and wider than 10 mm.

Vacuum Chip Removal System Complete Vacuum Chip Removal System, Vacuum Chip Removal Foot, Vacuum Hose

(INSET PHOTO) **Vacuum Foot** Enlarged for detail

Ring Engraving Attachment for the Viper® 1313, 1625, 2525 and 2550.

Gift Engraving Catalog Expand your business by supplying engravable gift items to your customers—corporate, weddings, birthdays and banquets. Order online at www.xenetech.com.

Custom Engineering At Xenetech, research and development is the lifeblood of our commitment to bring you better products and services when and where you need them. Now, you can put our R&D team's expertise to work for you with custom engineering services. Do you need a new system specially outfitted for a specific job? Is there a special feature that would make our software more productive for your business?

Three great examples of customer engineering brought to the market are the Xenetech Etcher, Xenetech Z-axis Indexer and 90° Diamond Attachment. The etcher works on flat or round materials and produces deep, dark etchings on a variety of difficult-to-mark ferrous metals—much more distinctive than traditional engraving or diamond dragging. The Z-axis indexer precisely rotates the cutting tool to a specified degree angle for cutting—excellent for jewelry applications, wood carving and any job where directional cuts are desired. The 90° Diamond Attachment uses drill bushings with a spring loaded diamond head for the engraving stylus which allows engraving on the side of objects.

Z-axis Indexer a) Indexer Attachment mounts to existing z-axis. Spinning circular blade allows for angled cuts. Blade rotates to the direction of the cut for precise, angled cutting.

Xenetech Etcher b) Special chuck allows for etching on materials of various thickness—flat or circular **c)** Low current, proven safe **d)** Marks darker and more readable than traditional "drag" engraving

a

b

c

d

Service, Engineering & Website

Doing business with Xenetech just got easier.

"We are an extension of our customers' businesses, providing innovative, technological solutions to help them succeed." –From Xenetech's Mission Statement

XENETECH SERVICE AND SUPPORT

An investment in a Xenetech engraving system is backed by a firm commitment to serve and support you in any way we can. In fact, we even think of ourselves as an extension of your business—so if it's important to you, you know it's important to us. This philosophy has helped us set the standard for service in the engraving business, and you'll notice the difference immediately. You'll see it in our people—knowledgeable, experienced professionals who provide innovative ideas and solutions every day. And you'll get it with our support products, from warranties to training to software updates. The bottom line is that no matter the situation, we're not happy unless we've exceeded your expectations.

WEBSITE RESOURCES

Get it all on-line! www.xenetech.com is your complete, 24-hour-a-day source for:

- Product information
- Equipment & accessory purchase
- Company news
- Technical support
- Software updates
- Trade show and seminar schedules
- Distributor information
- Tips and tricks
- FAQ's
- Gift Engravables
- And much more!