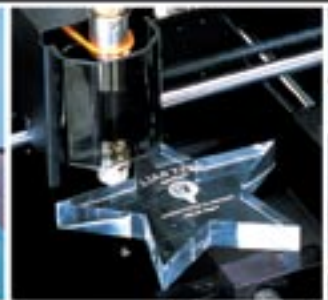


VISION

ENGRAVING SYSTEMS



Rotary Engraving Products Brochure
visionengravers.com

ABOUT VISION

Our Experience Is Your Advantage

For over 25 years, Vision has been manufacturing computerized engraving & marking systems and accessories. The success of our products is a direct result of our reputation for long-lasting, quality machines. Vision Systems are proudly manufactured in the USA by an experienced team that is dedicated to excellence. Our product line includes a variety of machines for a range of budgets and applications...from small format and specialty systems to large format heavy duty engravers and routers. With a Vision you can be more creative and bring something new to your business, or simply design and build your products more efficiently.



VISION
ENGRAVING AND ROUTING SYSTEMS



APPLICATIONS

Signage

Vision Engraving Systems can help produce the quality signage you see in many offices, hospitals, schools, casinos, zoos and banks. This directional, informational and ADA compliant (Braille) safety



signage is always in demand. With your creativity and a Vision engraving machine, you can design a variety of wear-resistant signs for all of your customers' needs. Engrave text and logos or cut out unique shapes from plastic, wood, metals, and many other engravable materials. Our machines will work with your imagination to produce original, effective designs.

Trophies and Awards

Vision machines have been reliable workhorses in many trophy and award shops around the world for over 25 years. Our engraving machines have allowed customers to create awards in brass, wood, plastics, metals, glass, silver and acrylics. *The possibilities are endless!*

Personalized Gifts and Jewelry

There are no limits to the types of gift items that can be engraved or personalized with a Vision System. You can inscribe pens, key chains, cigarette lighters, money clips, watches, bracelets, gift boxes and the list goes on.... Some Vision systems can also engrave around curved surfaces to personalize glassware, silver or pewter items. Vision also offers many fixtures and clamps designed and built specifically for the gift and jewelry industry to make your engraving project much easier.



Advertising Specialty

Do your customers need fifty pens or mugs with their company logo? What about paperweights, license plate holders or golf items? These are just a few items Vision machines can engrave. Products made of metals, plastics, wood, glass or acrylics can all become ad space for your customer's logos or slogans.

Identification

Your company can produce a wide range of badges, tags, name plates, or other ID items with any one of the Vision Systems. Vision's software packages allow you to easily add logos and text to these items.

Industrial Marking and Cutting

Bring a Vision Engraving System in-house to fill a need in your manufacturing process. You'll have complete control over production of many industrial items such as safety markers, safety signage, control panels, electrical plates, and many other tamper-proof, wear-resistant items that are necessary in your facility.



SMALL FORMAT ENGRAVERS



VE-810

The VE-810

The VE-810 offers a full feature set for new engravers as well as seasoned professionals. Operators will find the system to be user friendly with a space-saving low profile design. The electronics are contained within the machine, which allows for its compact size. Advanced motion controls are used to give the operator accuracy as well as quiet and efficient operation. A surface sensor for automatic surface setting is included, making job set-up easy!

Applications

Name badges, pet tags, ID tags, electrical tags, name plates, small signage, golf course bag tags, baby gifts, book marks, license plate frames and custom inserts, wedding cake knives and spatulas, cigarette lighters, money clips, plaques and awards, trophy plates, key chains, jewelry, medals and medallions, notary seals, gift inscription plates, ID bracelets, military name badges, luggage tags, pens, industrial marking plates/tags and much more!



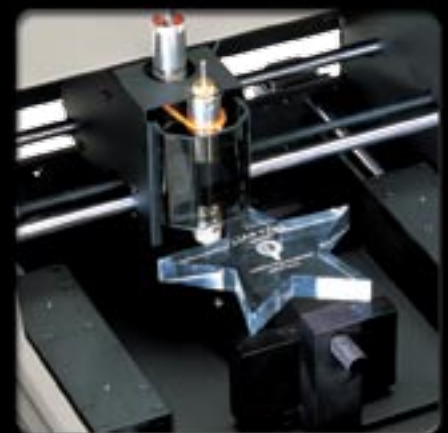
VE-810XD

The VE-810XD

Designed with a removable t-slot table and equipped with a self-centering deep vise, this system allows the user to engrave items up to 3/4 inches thick. The user can quickly change from flat engraving on the t-slot table to deep vise engraving. The Vision Software can be programmed with the center home position, assuring precise placement of your text and graphics on any shape object.

Features

- 8" x 10" aluminum t-slot table
- 1 1/64" or 1/4" top load spindle (collet spindle optional)
- Surface sensor for automatic surface setting
- 3 1/4" spindle clearance
- Operates from Vision, Vision-Pro, and many other software packages
- Self-centering deep vise (XD only)
- USB and serial port compatible



SPECIALTY ENGRAVERS

Phoenix 1212



The Phoenix 1212

A friendly system for both the professional engraver and new users. The t-slot table can be replaced with an optional deep vise for engraving objects up to 3" thick. Product applications for the Phoenix 1212 include trophies, awards, gift items, signage, plaques, badges, name plates, and much more.

Features

- 12" x 12" aluminum t-slot table
- Engraves items up to 3" thick
- 1 1/64" or 1/4" top load spindle (collet spindle optional)
- Surface sensor for automatic surface setting
- Includes Quick-Lock Vise
- Operates from Vision, Vision-Pro, CorelDRAW™ and many other software packages
- Includes Vision Series 3 Controller
- Two year limited warranty
- Red laser pointer for quick layouts

Series 3 Controller



Series 3 Controller

With engraving speeds of up to 10 inches per second, the Vision Series 3 Controller will increase your productivity significantly! This controller has many other state-of-the-art features including a high-speed network connection to the PC, job timers, multiple programmable offsets, advanced diagnostics and the ability to run saved jobs directly from the hard drive on your computer. An optional pendant is also available. The Series 3 Controller is fully 3D capable and runs from most industry standard programs including CorelDRAW™. It is retrofitable to most manufacturers' engraving tables.

Features

- Engrave up to 10" per second
- HPGL/2 and G code compatible
- Re-engage from any position
- QUIET micro stepping motors
- Open architecture
- Auto start controls for optional vacuum system and spindle
- 2 1/2D and 3D capable
- User friendly LCD display
- Optional 4th axis control for rotary attachment
- Software upgradable via separate PC
- X, Y and Z Axis positional display for easy offsets
- Programmable front panel defaults
- Ethernet and serial port compatible



SPECIALTY ENGRAVERS

The MAX Engraver (Multi Axis Engraver)

With engraving speeds of up to 10 inches per second and a large 8" x 12" engraving area, the MAX can engrave cylindrical items up to 10 inches in diameter and flat items up to 11" tall. Our newest feature is a software controlled red laser pointer that is included for easy job set-ups. Featuring diamond drag or rotary cutting, this heavy-duty system is ideal for any full-service engraving shop. It takes only seconds to switch between flat engraving and deep vise work with the interchangeable t-slot table. In addition to trophy plates and plaques, you can engrave text and logos on silver or pewter mugs, steins, bowls, cups and other items. The MAX is also ideal for marking industrial items such as tools, cylinders, pipes, and gauges. The MAX System includes the high-speed Vision Series 3 Controller. Optional features include a handheld pendant and a ring engraving attachment.

Features

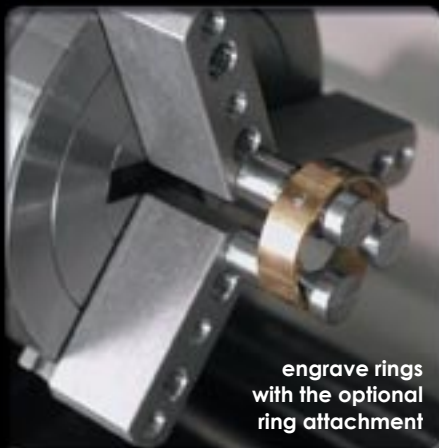
- 8" x 12" aluminum t-slot table
- 1 1/64" or 1/4" top load spindle (collet spindle optional)
- 3" spindle travel
- 16,000-RPM spindle (collet optional)
- Engrave items up to 10" in diameter and flat items up to 8" x 12" (up to 11" tall)
- Engraving speeds up to 10" per second
- Includes the Vision Series 3 Controller
- Runs from Vision, Vision-Pro, CoreIDRAW™, and many other software packages
- Red laser pointer for easy set-ups
- Two year warranty



MAX



With the MAX Engraver, you change from cylindrical applications to flat items in less than a minute. Easy as 1-2-3!



engrave rings with the optional ring attachment



SPECIALTY ENGRAVERS

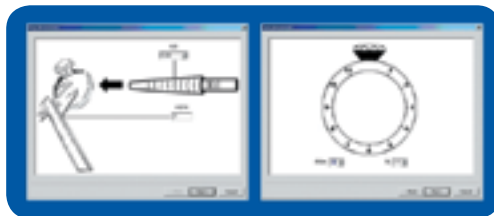
The Max Pro Engraver

Vision Engraving Systems has developed the MAX Pro Engraver to be our most versatile machine to date, allowing for engraving of flat, deep, round or odd-shaped items in one compact, easy-to-use machine. The system contains Vision's automatic surface-sensing feature that allows for flat and curved surface engraving on a wide range of materials such as plastic, brass, coated and non-coated metals, stone, pewter, glass and more. For easy job set-up, the MAX Pro uses Vision's Auto Laser Layout feature, which sends the engraving area and position directly to the software without measuring. Each MAX Pro system includes the integrated Vision Series 3 high speed electronics with hand-held pendant, as well as the popular Vision-Pro software package.

The MAX Pro system includes a large flat engraving table and an interchangeable, self-centering vise with tilt for engraving deep, long or odd-shaped items. The unit also has a built-in cylindrical feature for engraving round items and a self-contained, recirculating water pump for glass engraving. Applications for this machine run the gamut from plaques, badges and trophy plates to giftware, glassware and even industrial parts marking.

Features

- 8" x 12" aluminum t-slot table
- 1 1/64" or 1/4" top load spindle (collet spindle optional)
- 16,000-RPM spindle
- 3" spindle travel
- Engraving speeds up to 10" per second
- Motorized cylindrical engraver
- Integrated cooling system for glass engraving
- Motorized work-holding vise
- Fully-functional hand held pendant w/ LCD
- Runs from Vision, Vision-Pro, CorelDRAW™, and many other software systems
- Red laser pointer for easy set-ups
- Two year warranty



Max Pro



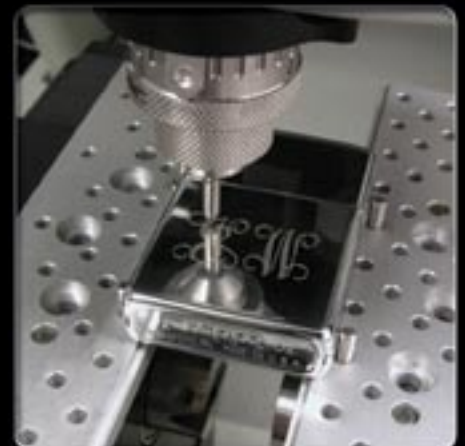
▲ Self-contained water system for glass and ceramics

▶ The Series 3 Controller pendant comes standard with the Max Pro Engraver, giving you all the features and speed of the full-size unit in the palm of your hand.



Ring Wizard

This feature works with the optional ring engraving attachment. It "walks" you through the ring sizing and placement of the text. This process ensures accuracy on the items where you need it most!



MEDIUM FORMAT ENGRAVERS

The TrophyPro Series *...not just for trophies!*



1612



1624

TrophyPro 1612 and 1624

Vision announces the TrophyPro Engraving Systems to the awards and recognition marketplace. Available with a 16" x 12" or 16" x 24" t-slot table, these systems were developed with the same quality as the standard "16 Series" machines, which have set the precedent for quality in the industry. These machines provide a less expensive option for cost-conscious engravers needing a medium format machine. The TrophyPro Engraving Systems come standard with the Vision Series 3 Controller. The TrophyPro 1612 and 1624 are ideal for engraving a variety of applications such as trophies, plaques, gift items, and ADA compliant signage. These machines also offer a variety of accessories and options.



16 Series and Trophy Pro Series Features

- Aluminum t-slot table with ruled edge guides
- Engraves items up to 1.75" thick (or up to 5" thick with optional risers)
- Uses 11/64" or 1/4" spindle (collet spindle optional)
- Includes Quick-Lock Vise
- Runs from Vision, Vision Pro, Vision-PRO LT, CorelDRAW™ and many other software packages
- Includes Vision Series 3 Controller
- Red laser pointer for easier set-up
- Two year limited warranty



MEDIUM FORMAT ENGRAVERS

The 16 Series



1612



1624

The Vision 1612 and 1624 Engravers

The 1612 and 1624 are ideal for heavy-duty applications in a medium-size engraving area. In addition to trophies, plaques and gift items, their extremely rigid design allows these tables to be used for a variety of applications such as notary seals, tool & die work, deep metal cutting or engraving ADA compliant signage.

Options and Accessories (for both 16 Series and Trophy Pro Series)

High-Frequency Spindle

With increased torque, this beltless, direct-drive, 60K RPM spindle is ideal for production metal engraving. See photo A to the right.

Vacuum Chip Removal System

Quiet vacuum pump that attaches to your spindle for removing material chips that collect during the engraving process.

Automatic Raster™ Braille Inserter

Insert Raster™ Braille automatically with the easy-to-use attachment.

More Options!

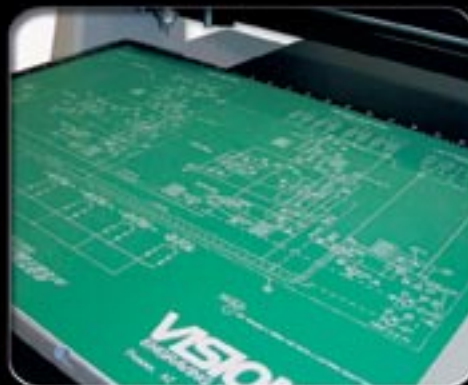
Hand Held Pendant

This accessory is exactly what you need to get up close to your table for those finite adjustments. This hand-held Pendant has all of the controls featured with the Series 3 Controller.

See photo B to the right.

Dual Engraving Head

Maximize your production by adding a second engraving head to the 1624, 2424 or 2448 table. Ideal for engraving multiple items with the same graphics or text.



LARGE FORMAT ENGRAVERS



2424

large format engravers shown with optional t-slot tables



2448

The Vision 2424 and 2448 Engravers

The 2424 and 2448 Engravers are ideal for heavy-duty applications in a large engraving area. Great for a variety of jobs such as volume production work, large signage, industrial marking and multiple plate jobs. With the ability to engrave an entire sheet of engravers' plastic, the Vision 2424 and 2448 are the ultimate productivity tools for your shop.

Features

- Aluminum flatbed table with material guides
- Engraves items up to 1.75" thick (or up to 5" thick with optional risers)
- Uses 11/64" or 1/4" spindle (collet spindle optional)
- Automatic surface sensor
- Operates from Vision, Vision-Pro, CorelDRAW™ and many other software packages
- Includes Vision Series 3 Controller
- Red laser pointer for easy set-ups
- Two year limited warranty

Options and Accessories

High-Frequency Spindle

See details on page 7.

Dual Engraving Head

Maximize your production by adding a second engraving head to the 1624, 2424 or 2448 table. Ideal for engraving multiple items with the same graphics or text.

Aluminum T-slot Table

This option is necessary to accommodate any of the wide variety of holding fixtures that Vision offers. Includes the handy Quick-Lock Vise.

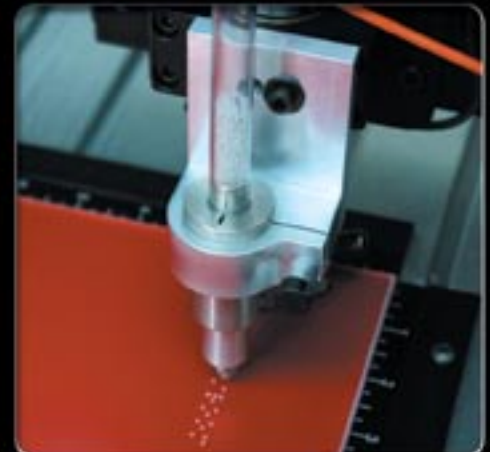
Vacuum Chip Removal System

This quiet vacuum pump removes chips that collect during the engraving process.

Automatic Raster™ Braille Inserter

Insert Braille automatically using the Raster™ method with this easy-to-use attachment. See photo below.

The Raster™ method of Braille is a licensed, patented process owned by Accent Signage Systems, Inc.



ROUTER/ENGRAVERS



2424



2448

routers shown with optional 3HP high frequency spindles

The Vision 2424 and 2448 Routers

Vision's line of heavy duty routing systems can produce accurate, repeatable, cost-effective work in considerably less time than it takes to do the same work by hand.

A Vision Router can handle applications such as milling, drilling, contouring, routing and engraving. Uses include: routing out wood signs and particle board masters, cut out letters, electrical signage and aluminum backs, 3D geometric designs, inlays, control panels—and that's just the beginning!

Not Sure You Need A Router?

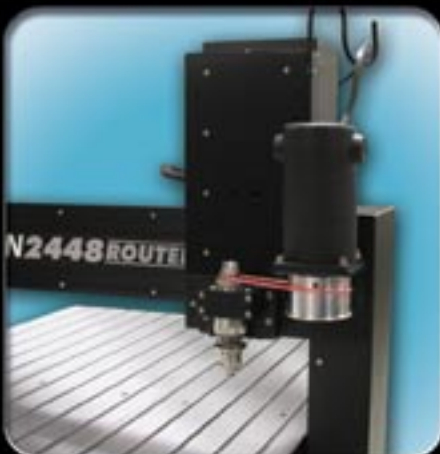
Purchase a heavy-duty Vision Routing Table with an engraving head to start...you can always add a router head later. With both engraver and router heads, you will reap the benefits of having two machines in one. You'll retain the ability for finer detail and diamond drag work with the engraving head and in minutes be able to switch to the cutting power of your router.

Features

- High-quality tubular steel base and stand
- Heavy duty extruded gantry
- Aluminum t-slot table for work-holding fixtures
- Optional 2 ½ D software
- State-of-the-art Vision Series 3 Controller
- High performance stepper motors in X, Y and Z axis
- 5" spindle travel

Options and Accessories

- Porter Cable router head w/ 5-speed motor (10,000-22,000 RPM)
- Engraving head w/ motor speed controller
- High-Frequency 3HP, variable speed spindle
- High Frequency 60,000 RPM spindle
- Dual carriage option to double your production
- Vacuum chip removal system
- Optional work holding clamps and vise(s)
- Optional Automatic Raster™ Braille Inserter (see prev. pg)



ACCESSORIES

WORK HOLDING DEVICES



UNIVERSAL CLAMPING BARS W/MEDALLION HOLDER

These clamping bars hold 1 to 3 round objects at a time. Engrave multiple notary seals, paperweights, ad specialty products, and a variety of other circular items. With a place for the "eye" of medallions, this clamp adapts to any vise or table that has a T-slot system.

Part #200110-00

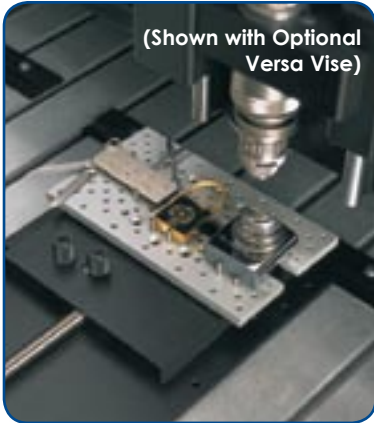
Part #200110-TN with T-nuts



SEAL FIXTURE

The Seal Fixture enables engraving on notary seals, medallions, coasters, paperweights, dog tags, ad specialty items, and other round objects. Usable with the Quick-Lock or Versa Vise. Also usable with other computerized engravers and Pantographs. Easy installation. Fits all T-slot tables. Part #200107-00

Part #200107-TN with T-nuts

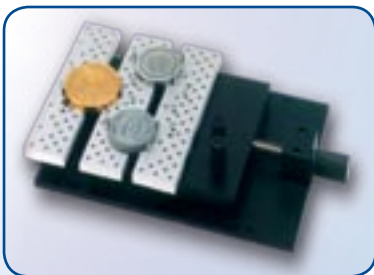


UNIVERSAL PIN FIXTURES

Available for the Versa Vise, T-slot table, and Self-Centering Vise. Also usable with other computerized engravers and Pantographs. These fixtures enable engraving on all unique shaped items such as pens, lighters, knives, keychains, and many others.

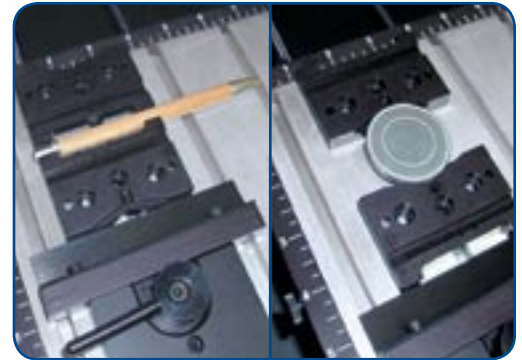
Part #200111-00

Part #200111-TN with T-nuts



MULTIPLE UNIVERSAL PIN FIXTURE VISE

This combination of a Versa Vise and three universal pin fixtures enables quick and easy setup for engraving multiple items of various shapes. Fits most T-slot tables. Part #200112-00



PEN & MEDALLION FIXTURE

This is a double-sided fixture that when turned in one direction accommodates a pen and when turned in the other direction accommodates a medallion, seal, or other circular item. With a space for the "eye" of the medallion, this fixture is usable with the Versa Vise or Quick-lock vise. Fits all T-slot tables. Part #200106-00

Part #200106-TN with T-nuts



RING ATTACHMENT

This fixture allows you to engrave around the inside and outside of most rings or other cylindrical objects.

(Compatible with the MAX and Max Pro)

Minimum Diameter: 1/2"

Part #15-6000-00

ACCESSORIES

WORK HOLDING DEVICES

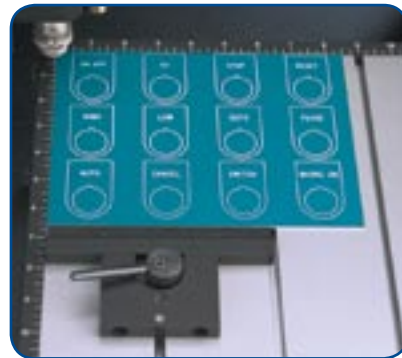


VERSA VISE

The Versa Vise allows you to fully utilize your T-Slot table to hold a variety of engravable items. It adapts to most systems with a T-Slot table and at least 1 inch clearance under the spindle. It may be used alone or in conjunction with other fixtures to hold a variety of parts.

Part #200102-00 (vise only)

Sold as a package of fixtures Part #200102-WJ (versa vise, universal clamping bars; universal pin fixture and pen/medallion fixture)



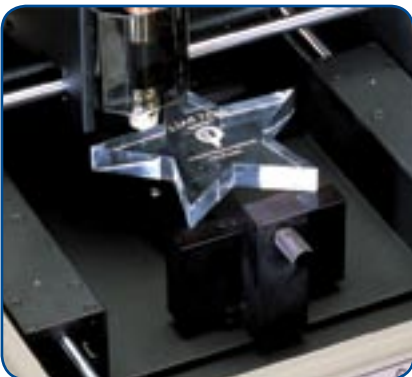
QUICK-LOCK VISE

The Quick-Lock Vise is specifically designed for T-slot table users. The "cam" type locking device allows for quick changing of parts. This vise is supplied with a removable front clamping plate which allows for holding thicker items. Part #200100-00

(fits Phoenix 1212, Vision 1612 and Vision 1624)

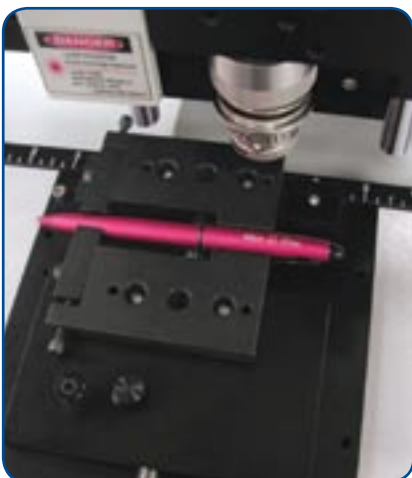
Part #200101-00

(fits VE-810, VE-810XD, MAX, Max Pro, 2424 and 2448 T-slot versions)



SELF-CENTERING DEEP VISE

This vise is most commonly used on the VE-810XD but can also be used with the Phoenix 1212 and larger systems that have risers installed. The self-centering design allows easy setup of odd-shaped items up to 3 1/4" deep. Part #15-0038-00



ADJUSTABLE PEN FIXTURE

Enables engraving on most size pens and cylindrical items that vary in diameter from end to end. Available for most computerized engravers and Pantographs. It is also usable with the Versa Vise and Self-centering Vise. Fits all T-slot tables. Part #200108-00

Part #200108-TN (with T-nuts)



PEN ROTARY ATTACHMENT

Now you're not just limited to engraving lengthwise on your pens, cigar holders, or other cylindrical items. With the pen rotary attachment you can engrave around the entire circumference! Compatible with any Vision system, it can hold items up to 1.5" in diameter (1.25" diameter on VE-810) and up to 7" in length. Part #17-1011-00

ACCESSORIES

WORK HOLDING DEVICES



EDGE CLAMP

This clamp is designed to secure engraving materials from the top surface and avoids bowing in most applications. This clamp will hold material thicknesses of .020, .032, .062, and .125 by rotating the clamp and tightening a thumbscrew. Fits all Vision T-slot tables. Part #200113-00



PUSH-DOWN CLAMP

This double-sided clamp secures items from the edge. It is ideal for heavy-duty items that are being cut, contoured or engraved. Fits most T-slot tables.

- Part #15-0010-00 – one 4" clamp
- Part #15-0010-01 – one 2.5" clamp
- Part #15-0010-ROUT - two 2.5" clamps, two 4" clamps and one nut driver
- Part #12-0004-00 – nut driver



CORNER CLAMP

This clamp is designed to hold down square or rectangular plates. By lining up the "V" cut-out of the clamp with the corner of the plate, the engraver is allowed maximum engraving space. It will hold material as thin as 1/32". Fits all Vision T-slot tables. Part #200115-00



WEDGE CLAMP

Simply slide the clamp onto the T-slot table surface and position it over the edge of the engraving stock. The downward clamping force eliminates bowing and problems. This clamp can be used with material up to 1/4" thick. Fits all Vision T-slot tables. Part #200114-00

Check out the new ADA and 2½ D software options. Now available!



MULTI MAT

Multi Mat eliminates the need for double stick tape, clamps, vacuum tables, and most other hold down methods on many engravable items. Multi Mat will hold most types of

SIZE	PART #
8x10	15-1100-00
8x12	15-1107-00
12x12	15-1101-00
16x12	15-1102-00
12x24	15-1106-00
16x24	15-1103-00
24x24	15-1104-00
24x48	15-1105-00

engraving stock, including brass, aluminum, plastic, and acrylic. Just press it into place on any size engraving table and you're ready to go, and because Multi Mat is produced with a special

Multi Mat can also be used to keep warped material flat while being engraved.

rubber coating on both sides, it cleans easily for extended use. Available in many sizes!

ACCESSORIES

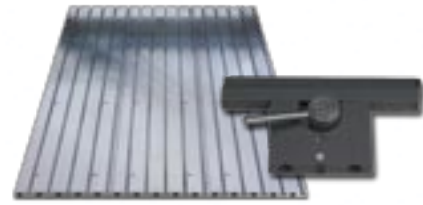
ENGRAVER OPTIONS

ADJUSTABLE HEIGHT RISER BLOCKS

These riser blocks are designed to give your Vision 1612, 1624, 2424, or 2448 engraving table an additional 1½" of clearance. Includes three different height spacers, 1/4", 1/2" and 3/4", which



can be used individually or cumulatively to raise the gantry. The unit is sold as a kit and is easily user-installed. Vision Riser System Part #200504-00. Custom heights up to 15" available. Please call for more information.



T-SLOT TABLE

Heavy-duty table used to accommodate a wide variety of holding fixtures. Includes the handy Quick-Lock Vise.

2424 Engraver Part #15-0021-00

2448 Engraver Part #15-0022-00



ENGRAVER DUAL CARRIAGE

Must be factory installed, and cannot be removed for single head engraving.

Vision Dual (16/24 series) Part #15-0043-00

Phoenix 1212 Dual Part #15-0045-00

TABLE STANDS

Heavy duty steel construction, painted to match the Vision Tables. Casters are not included.

16" x 12" and 16" x 24" sizes include table tops. Assembly required.



Size	Part #
16" x 12"	501730-A0
16" x 24"	501730-A0
24" x 24"	501732-A0
24" x 48"	501733-A0



HEAVY DUTY CASTERS

These heavy duty casters are made durable to make your engraving and routing tables portable! Just insert caster into the bottom of your table stand and compress for stability.

Part #506330-00 Each

Looking for more options?
Check us out online at
www.visionengravers.com

ACCESSORIES

ROUTER OPTIONS



HIGH FREQUENCY 3HP SPINDLE

1/4" collet and high frequency inverter drive included. Low noise relative to other router heads. 3.0HP variable speeds from 3,000 to 18,000.

(Requires 220 Volt).

Part #15-0052-00

COLLET - 3HP HIGH FREQ.	
SIZE	PART NUMBER
1/8"	13-0018-00
3/16" (4-5MM)	13-0026-00
1/4" (6-7MM)	200219-00
5/16" (8-9MM)	13-0029-00
11/32"	13-0028-00
3/8"	13-0008-00
1/2"	200219-01

(Other collets available from 1/16 to 1/2 inch increments)



3.25HP ROUTER HEAD

From Porter Cable™ this router head was designed to cut out thick acrylics, woods, and metals.

(110 Volt only); variable speed with 1/4" and 1/2" collet

Part #15-0050-00

COLLETS - PORTER CABLE / 3.25HP	
SIZE	PART NUMBER
1/4"	13-0006-00
3/8"	13-0007-01
1/2"	13-0007-00

HEAVY DUTY CASTERS

These heavy duty casters are made durable to make your engraving and routing tables portable!

Part #506330-00 Each



ENGRAVING HEAD

Have the option of an engraver head on your router! Choice of 1/4" or 11/64" top loading spindle. Collet spindle is available as an option.

90 Volt Part #15-0001-00



ROUTER DUAL CARRIAGE

Must be factory installed, and cannot be removed for single head engraving. Can hold router head or engraving head (engraving or router heads not included). Part #15-0034-00

ACCESSORIES

SPINDLES



HIGH FREQUENCY SPINDLE 60,000 RPM

Deep engrave into metals up to 3 times faster! This spring-loaded spindle option with floating nose cone allows for consistent depth engraving into hard materials. The high RPM allows cutters to stay sharp much longer for increased production. The RPM is adjustable manually with the included control box. The spindle comes standard with a 1/8" collet. Part #13-1100-00

*All new spindles are warranted for 12 months from the date of invoice. Use or lack of use will not affect the length of this warranty.

Looking for a spindle for your non-Vision Table?

VISION builds spindles for many other brands of engraving machines. Call with your model number to see if we carry a replacement spindle that fits.

Need Spindle Repair?

VISION offers repairs on most engraving spindles, usually with next day turnaround. Call for more information.



MISCELLANEOUS

MOTOR BELTS

Our belts are made of durable 1/8" urethane for long wear and better traction. 2 belt minimum purchase. Custom belts can be made to order if size is provided. Call for information.

RUB 'N BUFF

Rub 'n Buff can be used with glass or other materials to achieve a new look in minutes. One 1/2 oz. tube covers up to 20 square feet. Easy to apply -- just rub onto any surface then buff to finish. Ideal for picture frames, glassware, faux finishing, antiquing, and much more.

- Gold Leaf Paint- Part #400940-00
- Silver Leaf Paint- Part #400945-00
- Antique White Paint- Part #400950-00



REPLACEMENT SPINDLES



*SERIES 3 VISION

(Vision 1612, 1624, 2424, 2448 engravers and router engraving head)

- 1 1/64" Top Load Part #200201-00
- 1 1/64" Collet Part #200202-00
- 1/4" Top Load Part #200203-00
- 1/4" Collet Part #200204-00



*SERIES 1 & 2 VISION

(Phoenix, Max, Max Pro, VE-810, and VE-810 XD)

- 1 1/64" Top Load Part #200205-00
- 1 1/64" Collet Part #200206-00
- 1/4" Top Load Part #200207-00
- 1/4" Collet Part #200208-00



*VE-810, VE-810XD & VISION MAX

- 1 1/64" Top Load Part #200295-00 (VE-810 & VE-810XD)
- 1 1/64" Top Load Part #200295-02 (MAX)

*Check w/ Vision for machine compatibility.

CALIPER DIGITAL 6"



Lightweight instrument for measuring inside or outside of materials. This digital caliper offers auto power on and off and front mounted switches. Accurate measurements to .001". Part #12-0009-00

RING GAUGE

Plastic ring gauge has large easy-to-read markings which measure rings from size 1 to 15 by quarter sizes. Part #30-1000-00



ACCESSORIES

SPINDLE OPTIONS

DRAWBARS AND COLLETS

A collet spindle allows you the versatility to change cutter sizes if needed or switch from a split to a solid collet. Simply replace the drawbar and collet to the desired size.

A. Split Collet - Used for holding cutters solidly while doing milling, cutouts, and other engraving. Collet spindles hold both long and short cutters.

SPLIT COLLET - SPINDLES	
SIZE	PART NUMBER
1/16"	200217-08
2MM	200217-10
3/32"	200217-09
3MM	200217-05
3/16"	200217-07
1/8"	200217-02
4MM	200217-04
11/64"	200217-01
6MM	200217-03
1/4"	200217-00

B. Solid Collet - Converts your collet spindle to a standard top load spindle for standard engraving or burnishing.

SOLID COLLET - SPINDLES	
SIZE	PART NUMBER
1/8"	200218-01
11/64"	200218-02
6MM	200218-03
1/4"	200218-00

C. Drawbar - For use with the collet spindle.



BURNISHING ADAPTOR

Designed to assist you in burnishing lacquered brass, anodized metals, and glass items with just the right amount of pressure. Check out listed sizes below.

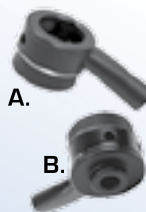
- 11/64" Part #200702-00
- 1/8" Part #200701-00
- 1/4" Part #200703-00
- 4MM Part #200707-00
- 6MM Part #200708-00



VACUUM CHIP REMOVAL NOSES

Designed for chip removal while engraving. Nose is constructed of plastic. Vacuum tube allows for hookup to vacuum pump or shop vac.

- A.** Large opening style is designed for engraving large letters. Part #200300-00
- B.** Small opening is designed for tight places and small letters. Part #200301-00
- Large Inserts Part #502291-00
- Small Inserts Part #502290-00
- Vac. Nosecone Ring Part #502287-00



Note: Inserts are changeable and/or replaceable.

VACUUM CHIP REMOVAL SYSTEM

Quiet vacuum pump for removing engraving chips while engraving.

The unit has a large filtered



canister with replaceable collection bag. Includes vacuum nose cone and kink-resistant flexible hose.

- Part #200506-00 1/4 HP pump with Large Nose
- Part #200507-00 1/4 HP Small Nose
- Part #15-0029-00 10' Hose
- Part #15-0026-00 10' Hose w/ Large Nose
- Part #15-0027-00 10' Hose w/ Small Nose

DIAMOND DRAG ADAPTER

The Diamond Drag Adapter screws onto the end of almost any spindle and allows simple & solid mounting for diamond scratch engraving. Spindle bearing strain is totally eliminated using this device.



- Part #502390-00 - (Adapter only, diamond not included)
- Part #200700-00 - (Adapter including 120° diamond)
- Part #200698-00 - (Adapter including 90° diamond)
- Part #NRD-125-0.80 (120° diamond insert only)
- Part #NRD-125-1.90 (90° diamond insert only)

ACCESSORIES

OTHER OPTIONS



RASTER™ PEN LICENSE KIT

The Raster™ Pen License Kit provides everything you need to start producing Raster™ Braille. This kit meets the most recent U.S.A. federal guidelines for ADA signage.

Raster™ Pen License Kit includes:

- Raster™ Pen insertion device
- Framed Raster™ License for using the patented Raster™ Method
- Special carbide Braille Cutter for cutting Raster™ holes (1/4" or 11/64")
- Special carbide Profile Cutter for cutting raised letters (1/4" or 11/64")
- 10,000 acrylic UV stable Rasters™ (clear)
- Weeding tool (for raised letters)
- Sign cleaning brush
- "How To Create Great-Looking Interior Signage" manual
- CD ROM with ready-to-use sign layouts and more
- Raster™ Braille sign sample
- High-Impact styrene frame color selection key-chain
- Aluminum modular frame color and edge key-chain
- Organizer case for Pen contents

Part #15-0081-00 (Bracket for Raster Pen)

Pictured to the right.

Part #40-0002-00 (Raster Pen 11/64")

Part #40-0002-01 (Raster Pen 1/4")



VISION EXTENDED WARRANTY PLANS

Protect your investment with an extended service plan before your warranty expires! Extended Service Plans covers the cost of service parts, labor, and annual preventive maintenance completed at the factory. For more information or to purchase a service plan, please call the sales department at 602-439-0600 or visit our website at www.visionengravers.com.

Part #19-CNTL-00	Extended Warranty	Controller
Part #19-V810-00	Extended Warranty	VE-810/VE-810 XD
Part #19-1212-00	Extended Warranty	Phoenix 1212
Part #19-1612-00	Extended Warranty	1612
Part #19-1612-TP	Extended Warranty	1612 Trophy Pro
Part #19-1624-00	Extended Warranty	1624
Part #19-1624-TP	Extended Warranty	1624 Trophy Pro
Part #19-MAX-00	Extended Warranty	MAX/ Max PRO
Part #19-2424-ENG	Extended Warranty	2424
Part #19-2424-RT	Extended Warranty	2424 Router Table
Part #19-2448-ENG	Extended Warranty	2448
Part #19-2448-RT	Extended Warranty	2448 Router Table



HAND-HELD PENDANT

This accessory is exactly what you need to get up close to your table for those fine adjustments. This hand-held pendant has all of the controls featured with the Series 3 Controller. Available for Series 3 Controller only.

Part # 15-2531-00

ACCESSORIES

OTHER OPTIONS



WOMEN'S MICROCORD SPORT SHIRT

Color: Black with Multicolor
Vision logo
Sizes: Small (Part #11-2200-WS)
Medium (Part #11-2200-WM)
Large (Part #11-2200-WL)



VISION T-SHIRTS (UNISEX SIZING)

Color: Dark Navy
Sizes: Medium (Part #11-2222-TM)
Large (Part #11-2222-TL)
XL (Part #11-2222-TX)
XXL (Part #11-2222-T2X)



MEN'S MICROCORD SPORT SHIRT

Color: Black with Multicolor
Vision logo
Sizes: Medium (Part #11-2200-MM)
Large (Part #11-2200-ML)
XL (Part #11-2200-MX)
XXL (Part #11-2200-M2X)

CUSTOM SOLUTIONS

Custom Solutions For Your Production Needs!

- From concept to design to finished product, all under one roof!
- We make it painless and straight-forward to help you find a solution for your production needs
- With over 25 years designing and manufacturing engraving machines and CNC routers, we are one of the only companies that offers custom solutions to your high volume & unique production needs.

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customizing machines call
1-888-637-1737

Clearly,
Your Best Solution Is

VISION

vision/'vizh-en/

a: the act or power of imagination b: mode of seeing or conceiving

Our Mission

Vision strives to be the leading manufacturer in the computerized engraving industry by offering innovation, integrity and responsibility. Vision will nurture the strongest of business relationships with both customers and dealers by providing superior products, reliable service and knowledgeable support. This performance in the industry makes us both unique and everlasting.



VISION ALSO MANUFACTURES A LINE OF LASER ENGRAVERS.

VISIT OUR WEB SITE AT: www.visionengravers.com

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