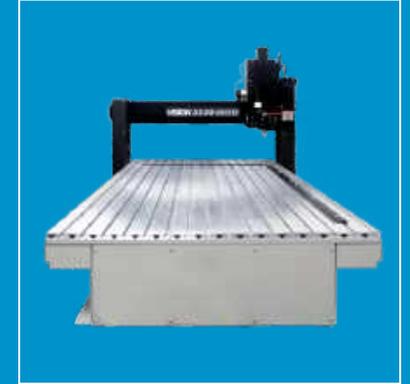




# VISION

## Engraving & Routing Systems

2020



# Vision Systems



## About Us

CSI Manufacturing Limited has been supplying the visual communication industry since 1995 with a wide range of products and solutions.

Through our offices in Dublin and Bristol we currently offer both laser and rotary engraving technology to the industry. This is complimented with a vast range of materials and consumables to offer 'you' the customer, a complete service. Our team of dedicated and experienced staff will guide you through the process of choosing the correct equipment for your needs, installation, training and ongoing support.

## Vision Engraving Systems

For more than 31 years, Vision Engraving & Routing Systems has been manufacturing computerised marking systems and accessories.

The success of their engravers and CNC routers is a direct result of a reputation for long-lasting, high-quality machines. Vision Systems are manufactured in the USA by an experienced team that is dedicated to excellence. The product line includes a variety of machines for a range of budgets and applications, from small-format and specialty engravers to heavy-duty, large format engravers and CNC routers.

## Why Choose Vision?

With Vision comes a wealth of experience in manufacturing computerised engraving systems and CNC routers. What sets a Vision system apart is that they are very robust, reliable, low-maintenance and built to last!

At CSI we strive to sell you a solution, not just a machine! Starting by working with you to find the system to best fit your needs. We then back you up with a warranty and a dedicated technical support team too. Packed with the most industry-leading features, Vision machines go through strict quality control and have the ability to customise systems if required.

With a Vision from CSI, you can bring something new to your business, or simply design and build your products more efficiently and effectively.

# Desktop Engravers

**V TOUCH**  
TECHNOLOGY

With V-Touch, the power of VISION is at your fingertip



EXPRESS

**V TOUCH**  
TECHNOLOGY

With V-Touch, the power of VISION is at your fingertip



VE810

Need an engraving machine and have limited space? Vision small format systems are perfect for your needs. Vision's years of engraving experience have been packed into these pint-size power houses, providing rugged reliability in a small engraving machine. These compact machines are versatile, high-quality engravers that will fit on most countertops.

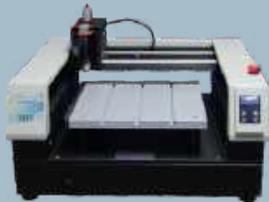
SPECIFICATIONS	Express S5	VE 810 S5
Max. Work Area (mm)	152 x 203	203 x 254
Max. Work Piece (mm)	203 (W) x Any Length x 31.75 (H)	368 (W) x Any Length x 25 (H)
Z-Axis Stroke (mm)	31.75	25.4
Spindle Type	11/64" Top-Load	1/4" or 11/64" Top-Load, Collet Spindle Available
Resolution / Speed	0.0002" / 3" per sec	0.0002" - 5"/sec
Table Type	Aluminum T-slot	Aluminum T-slot
Interface	Ethernet	Ethernet
Controller	Touch screen operation	Touch screen operation
Power Requirements	220V 5 Amp	220V 5 Amp
Dimensions (mm)	445 (W) x 445 (D) x 241 (H)	482 (W) x 584 (D) x 381 (H)
Weight	23kgs (50lbs)	27kgs (60lbs)
Warranty	1 Year Limited	1 Year Limited



# Medium Engravers



With V-Touch, the power of VISION is at your fingertip



PHOENIX 1212



1612 PRO



1624 PRO



If your looking for a medium size system with more horsepower or have projects too big for our small engraver to handle? Slightly larger than the VE 810 our medium format engraving machines are ideal for mid-size projects and applications. Starting with the Phoenix 1212 to the 1624 Pro, Vision's medium size engravers are a perfect blend of size and functionality.

SPECIFICATIONS	Phoenix 1212 S5	1612 Pro S5	1624 Pro S5
Max. Work Area (mm)	305 x 305	406 x 305	406 x 609
Max. Work Piece (mm)	445 (L) x Any Width x 76 (H)	470 (L) x Any Width x 127 (H)	775 (L) x Any Width x 127 (H)
Z-Axis Stroke (mm)	31.75	44.45	44.45
Spindle Type	6mm Top Load	6mm Top Load	6mm Top Load
Resolution / Speed	0.0002" - 10"/sec	0.0002" - 10"/sec	0.0002" - 10"/sec
Table Type	Aluminum T-slot	Aluminum T-slot	Aluminum T-slot
Interface	Ethernet	Ethernet	Ethernet
Controller	Touch screen operation	Series 5 Controller with V Touch Pendant	Series 5 Controller with V Touch Pendant
Power Requirements	220V 5 Amp	220V 5 Amp	220V 5 Amp
Dimensions (mm)	546 (W) x 610 (D) x 280 (H)	800 (W) x 533 (D) x 483 (H)	800 (W) x 890 (D) x 483 (H)
Weight	35kgs (85lbs)	118kgs (260lbs)	131kgs (290lbs)
Warranty	2 Years Limited	2 Years Limited	2 Years Limited

# Large Engravers



2424

2448

Need the ability to engrave large items or complete high volume jobs? Then a Vision large format engraver is the quality-made, industrial grade machine you need! With the ability to do precise, repeatable work, you'll soon be capitalising on large run projects & applications. Increase capabilities with a Raster™ Braille, Pen Braille or deep engrave into steel with a high-speed spindle. Vision's large format engravers are the choice for you.

SPECIFICATIONS	2424 S5	2448 S5
Max. Work Area (mm)	609 x 609	609 x 1220
Max. Work Piece (mm)	775 (L) x Any Width x 127 (H)	775 (W) x Any Width x 127 (H)
Z-Axis Stroke (mm)	44.45	44.45
Spindle Type	6mm Top Load	6mm Top Load
Resolution / Speed	0.0002" - 10"/sec	0.0002" - 10"/sec
Table Type	Aluminum Flat Bed	Aluminum Flat Bed
Interface	Ethernet	Ethernet
Controller	Series 5 Controller with V Touch Pendant	Series 5 Controller with V Touch Pendant
Power Requirements	220v 5 Amp	220v 5 Amp
Dimensions (mm)	838 (W) x 1167 (D) x 508 (H)	838 (W) x 1676 (D) x 508 (H)
Weight	175kgs (386lbs)	241 kgs (532lbs)
Warranty	2 Years Limited	2 Years Limited



# Speciality Engravers



MAX



MAX PRO

With the capability to engrave glass, flat, round, & odd-shaped items, these engravers exude versatility! Utilising a multi-axis platform with a built-in surface sensor & cylindrical feature, these rotary engraving machines have a hunger for round surfaces & curves. And when the job requirements serve up a flat object, easily transition by attaching a T-slot Table & you're ready to go.

SPECIFICATIONS	MAX S5	MAX PRO S5
Max. Work Area (mm)	203 x 304	203 x 304
Max. Work Piece (mm)	Flat 298 (L) x Any Width x 279 (H) Cylindrical 304 x 254 Diameter	Flat 355 (L) x Any Width x 177 (H) Cylindrical 304 x 152 Diameter
Z-Axis Stroke (mm)	76.2	76.2
Spindle Type	6mm Top Load	6mm Top Load
Resolution / Speed	0.0002" - 10"/sec	0.0002" - 10"/sec
Table Type	Cylindrical & T-slot	Cylindrical & T-slot
Interface	Ethernet	Ethernet
Controller	Touch screen operation	Touch screen operation
Power Requirements	220V 10 Amp	220V 10 Amp
Dimensions (mm)	609 (W) x 431 (D) x 850 (H)	711 (W) x 711 (D) x 660 (H)
Weight	160kgs (353lbs)	159kgs (350lbs)
Warranty	2 Years Limited	2 Years Limited



# Medium Routers



1624R



2525



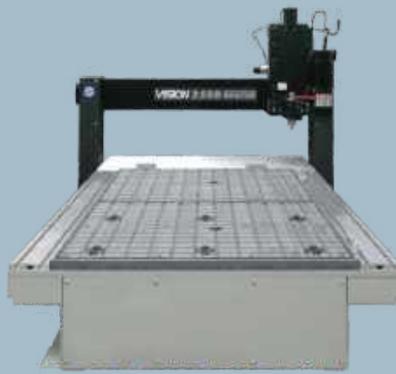
Vision's CNC routers are known for their rugged reliability. Ideal for serious production shops, our CNC machines do precise, repeatable work, so you can capitalize on large run jobs & projects. Featuring state-of-the-art electronics & software coupled with a variety of CNC systems to choose from, there's no limit to the multitude of applications you can create with a Vision CNC Router!

SPECIFICATIONS	1624R S5	2525 S5
Max. Work Area (mm)	406 x 609	635 x 635
Max. Work Piece (mm)	683 (L) x Any Width x 177 (H)	775 (W) x Any Width x 177 (H)
Z-Axis Stroke (mm)	178 (Std) 254 (Opt)	178 (Std) 254 (Opt)
Spindle Type	3.25 HP Router Motor or Engraving Head	3.25 HP Router Motor or Engraving Head
Resolution / Speed	0.0002" - 10"/sec	0.0002" - 10"/sec
Table Type	Aluminum T-slot	Aluminum T-slot
Interface	Ethernet	Ethernet
Controller	Series 5 Controller with V Touch Pendant	Series 5 Controller with V Touch Pendant
Power Requirements	220V 5 Amp	220V 15 Amp
Dimensions (mm)	800 (W) x 889 (D) x 482 (H)	1016 (W) x 1066 (D) x 812 (H)
Weight	131.5kgs (290lbs)	242kgs (534lbs)
Warranty	2 Year Limited	2 Year Limited

# Large Routers



2550



2550 RV



Vision's 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. Featuring the state-of-the-art Vision Series 4 Controller and graphically advanced Vision PRO software, these machines are perfect for a wide variety of applications including milling, drilling, contouring, and routing.

SPECIFICATIONS	2550 S5	2550 RV S5
Max. Work Area (mm)	635 x 1270	635 x 1270
Max. Work Piece (mm)	774 (L) x Any Width x 178 (H)	774 (L) x Any Width x 178 (H)
Z-Axis Stroke (mm)	178 (Std) 254 (Opt)	178 (Std) 254 (Opt)
Spindle Type	3.25 HP Router Motor or Engraving Head	3.25 HP Router Motor or Engraving Head
Resolution / Speed	0.0002" - 10"/sec	0.0002" - 10"/sec
Table Type	Aluminum T-slot	2550RV Vacuum table
Interface	Ethernet	Ethernet
Controller	Series 5 Controller with V Touch Pendant	Series 5 Controller with V Touch Pendant
Power Requirements	220V 15Amp	220V 15Amp
Dimensions (mm)	1016 (W) x 1676 (D) x 812 (H)	1016 (W) x 1676 (D) x 812 (H)
Weight	242kgs (534lbs)	242kgs (534lbs)
Warranty	2 Year Limited	2 Year Limited

# Extra Large Router



VR48

The VR48 CNC Router/ Engraver is a heavy-duty router that can produce accurate, repeatable, cost-effective work in considerably less time than it takes to do the same work by hand. Featuring state-of-the-art Vision Series 4 Controller and our graphically advanced Vision PRO software, this machine is perfect for a wide variety of applications including milling, drilling, contouring, and routing.



## SPECIFICATIONS

### VR48 S5

Max. Work Area (mm)	1295 x 2489
Max. Work Piece (mm)	1295 (L) x Any Width x 2489 (H)
Z-Axis Stroke (mm)	254
Resolution / Speed	0.0005" - 10"/sec
Table Type	Aluminium T Slot or Vacuum
Interface	Ethernet
Controller	Series 5 Controller with V Touch Pendant
Power Requirements	220V 50 Amp
Dimensions (mm)	1905 (W) x 3175 (D) x 1828 (H)
Weight	1134kgs (2500lbs)
Warranty	1 Year Limited



# VISION

Tel: 0117 911 4367 Email: [info@csionline.co.uk](mailto:info@csionline.co.uk)

## System Accessories

### Vision Accessories

CSI offer a comprehensive range of equipment and accessories to compliment your Vision engraver or router. From clamps and vices to rotary attachments if you have an unusual piece to handle we have a solution!

### Software

Vision offer dedicated easy to use software packages to suit your system and project requirements. Three levels of software are available Vision Express, Vision Expert and Vision Pro

### Vacuum Chip Removal System

The chip removal system uses a combination of vacuum, hose and nose cone to extract debris from the immediate engraving/routing area keeping your work clean.

### Engraving Tools

We offer a variety of 6mm collet engraving tools including cutters, bevellers, diamond drag and braille drills etc.

### Router Bits

We offer a variety of router bits to suit a range of materials and applications

### Clamps and Holders

We have a wide range of clamping and holding devices which slot or retro fit easily into your Vision system. Whether it's engraving pens, jewellery, trophies or just flat stock we generally have a solution.

### Raster Braille Package

Allows the user to create Braille text and signs with Vision Pro software and automatic pen insertion device.

Many other accessories are available. Please consult our sales team.



# Engraving Materials

Here at CSI, we have compiled an extensive core of products, readily available to meet the needs of today's signage and engraving industries with quality, innovation and an uncompromising commitment to providing the perfect solution for any project. Our range has is specifically selected to meet the needs of all our customers both old and new.



## Rowmark

Rowmark is the world's leading manufacturer of engravable sheet plastic for the signage, engraving and award industries. The company has a solid reputation for superior quality and a broad product offering, featuring specially engineered and innovative products for rotary engraving.

Rowmark's range has grown to include the best selection of popular substrates with new trending colours, rich, contemporary wood tones, frosted acrylics and more. We also offer a wide selection of industry standard products in a variety of thicknesses that all engravers use and trust. Available in standard sheet size 1220 x 610mm

## Innovative Plastics Inc. IPI

IPI offer a range of quality engravable materials at competitive prices in a variety of popular colours and finishes.

In addition to these industry standard products they also offer a portfolio of innovative and unique materials including stone patterns and colours that range from speckled sands and granites to classic marble and wood grains rich in natural beauty for both interior and exterior applications. Available in standard sheet size 1220 x 610mm 610mm

## Abet Rigid Engraving Laminate

Abet is a rigid (phenolic) engraving laminate. This tried and tested product offers a cost effective solution to most internal applications such as signage, badges and key fobs etc.

It is a 3 ply material offered in a range of the most popular colours and a sheet size of 1300 x 610mm in either 1.5mm or 3mm thick. It's unique insulation properties makes it ideal choice for electrical applications including control panels and mimic diagrams.

Abet can be rotary engraved, cut and fabricated.

## Cut to Size Facility

For your convenience we can cut sheets to suit your equipment and also supply with adhesive if required



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