



**Summa** / valiani  
your perfect cut

# V Series

## Product presentation

# VALIANI

Perfect expression of Italian mechanics, from the invention of the first computerized mat cutting machine for the framing industry to robust machinery for packaging and printing industries



Providing all of our industry partners the ability to process the widest range of materials



# ***Summa***

## **Tech leader in cutting equipment**

for Sign & Display, Packaging, and Textile markets

## **High-quality cutters**

Vinyl roll, flatbed, and laser cutters for innovative, precise products

## **Legendary performance**

High standards and outstanding quality define Summa's reputation

# valiani

your perfect cut

**Acquired in 2022**

## **Italian excellence**

Valiani embodies the best of Italian mechanics

## **Ideal for professionals**

Affordable, reliable small to medium-sized flatbed cutters

## **Innovative technology**

Committed to making cutting-edge technology accessible to all

# *Summa*



S1 Series



S3 Series



F Series



L Series

# valiani

your perfect cut



Invicta Series



Optima Series



Integra Series



Omnia Series



# A Summa for every cutting need /





# SALES PATH

***Summa*** / valiani  
your perfect cut

# Sales path

How to figure out the customer's market

1

What is the business focused on?

- »» Wide format
- »» Digital Printing
- »» Offset Printing
- »» Packaging / box making
- »» Signage and Display
- »» Visual Communication
- »» Other industry

2

Which materials do you generally cut or intend to cut?

»» Please make a list

3

What's the material thickness?

4

What's the smallest and biggest media size they cut? Whats the largest or smaller sheet?



5

For which purpose?

- »» Sample making/prototyping
- »» Short/medium runs
- »» Continuous tasks
- »» A bit of everything

6

Do you have a cutting machine?  
Need for additional equipment?

*Some might have a roll-to-roll cutter, or a more basic flatbed table*

7

How have you been working so far?

- »» Starting up a new division
- »» Outsourcing
- »» Another device – bad experience

8

Other finishing devices?

*Plotter, Laser, Lamination, sublimation, wrapping, gluing, binders*



9

Which printer do they have?

*Helps to determine which machine  
could be the perfect pairing*

### **Traditional die-cutting system?**

Explain the benefits of a digital  
cutting machine vs die-cutter  
(complementary / not  
opponents)

### **How many operators, where are you thinking to install the cutter?**

Probably one operator can  
handle more than one equipment

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your perfect cut

**V Series**

**PRODUCT RANGE /**

# Summa/Valiani V Series

The program to Print & Packaging



## Invicta

### Single interchangeable head

First-class features at entry-level pricing  
For mono-head operation and packaging sample making  
Perfect fit for prototyping



## Optima

### Double interchangeable head

Large range of processes  
Ideal for die-cutting in the print-finishing market  
Perfect for prototyping and small runs



## Integra

### All-in-one machine

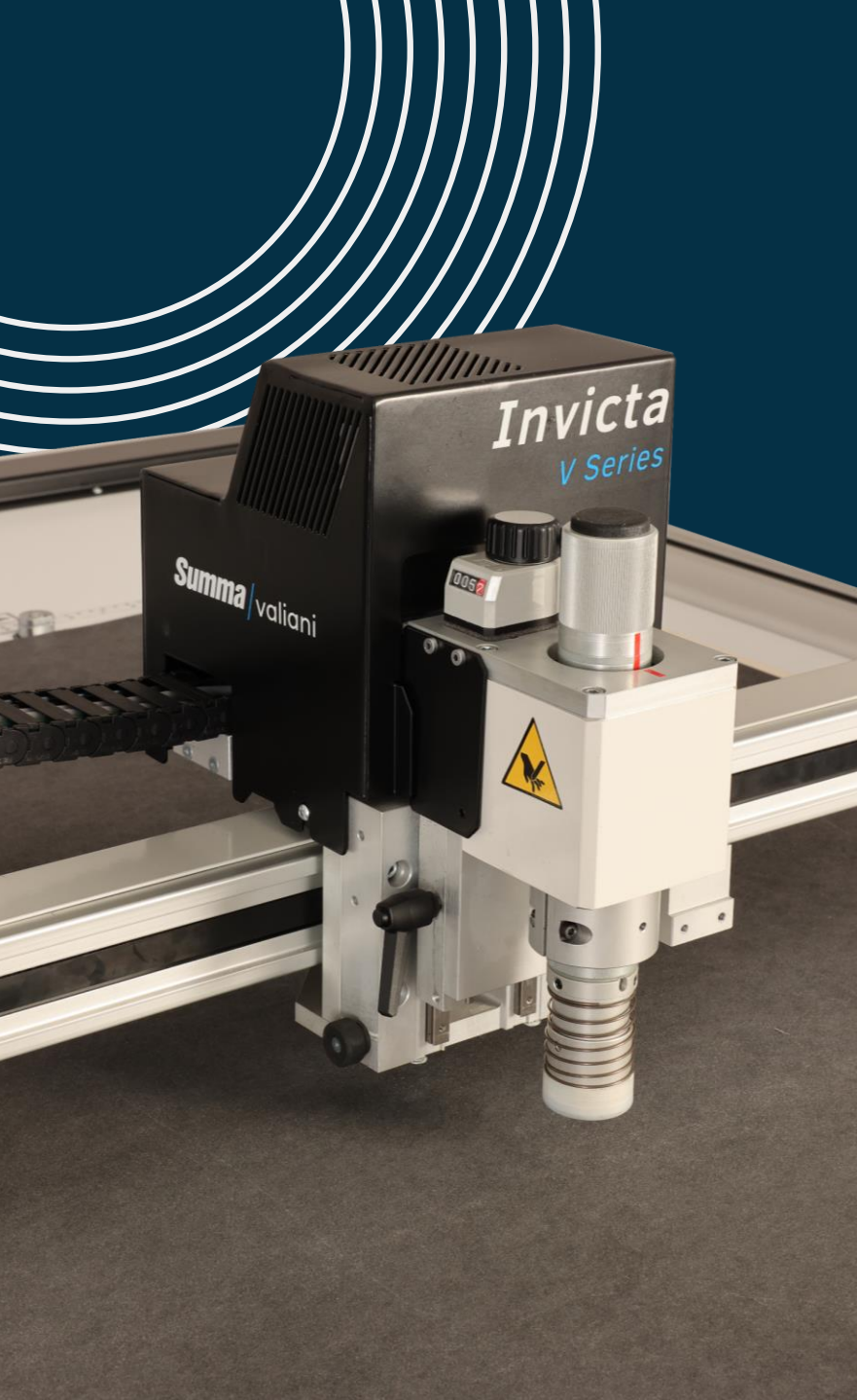
1Kw router + automatic setting of tools  
Perfect balance between packaging and rigid sign making



## Omnia (EVO)

### Automatic feeding die cutter

No need for an operator  
For paper, cardboard, vinyl and rigid media  
Perfect for production runs



V SERIES

# V Series Invicta

Compact cutting machine with invincible versatility

- »» Perfect for mono-head cutting operations  
(rubber blankets for offset printing, motorbike decals, road signs, ejection rubber, membrane keyboards)
- »» Samples and very short runs of packaging
- »» Die and Kiss-cutting on stickers and thick adhesives
- »» Compact footprint (multi-position stand)
- »» Cuts up to 20 mm ( $\frac{3}{4}$ " )
- »» 5 years warranty

## Tools

Oscillating knife, tangential knife, creasing tool, drawing tool, kiss cut tool

Versa-tool + interchangeable heads

V SERIES

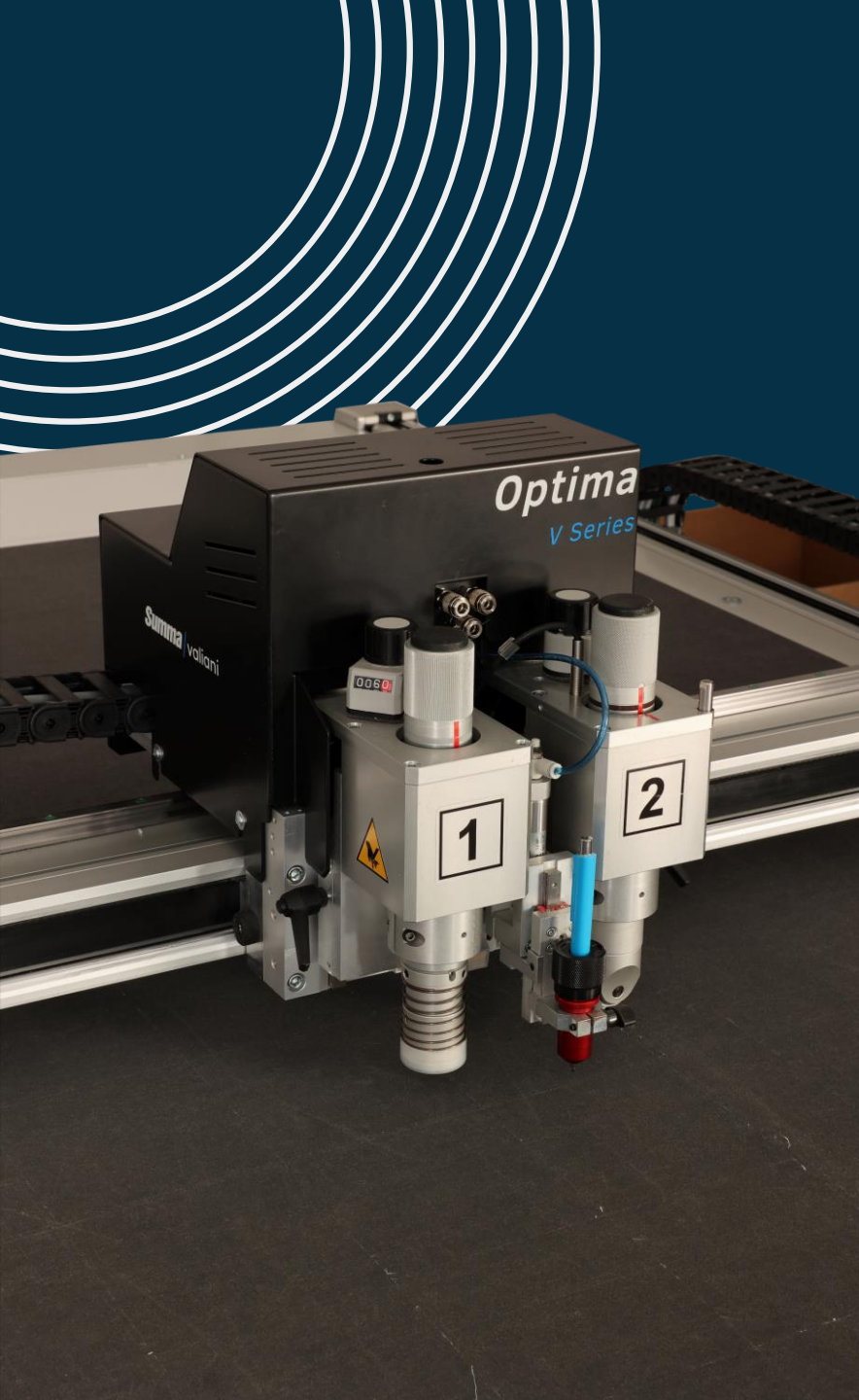
# V Series Invicta

**Single head flatbed cutter** with interchangeable tools.  
Can be used for a wide variety of applications. Easy to use entry-level flatbed for packaging and signmaking.

Models	V0806	V0812	V1015	V1612 <b>NEW</b>
Cutting Size	810 x 610 mm (32x24")	813 x 1220 mm (32x48")	1016 x 1524 x mm (40x60")	1600 x 1220 x mm (61x48")







V SERIES

# V Series Optima

Dual-head die-cutting machine

- » Cutting, creasing, drawing, kiss-cutting, v-cutting
- » First choice in the packaging market (samples and short runs)
- » Perfect for V-cut on grey board
- » Cuts up to 20 mm ( $\frac{3}{4}$ "') in thickness
- » No need to resort to the die-cutting process
- » 5 years warranty

## Tools

Oscillating knife, tangential knife, creasing tool, drawing tool, kiss cut tool

Versa-tool + interchangeable heads



V SERIES

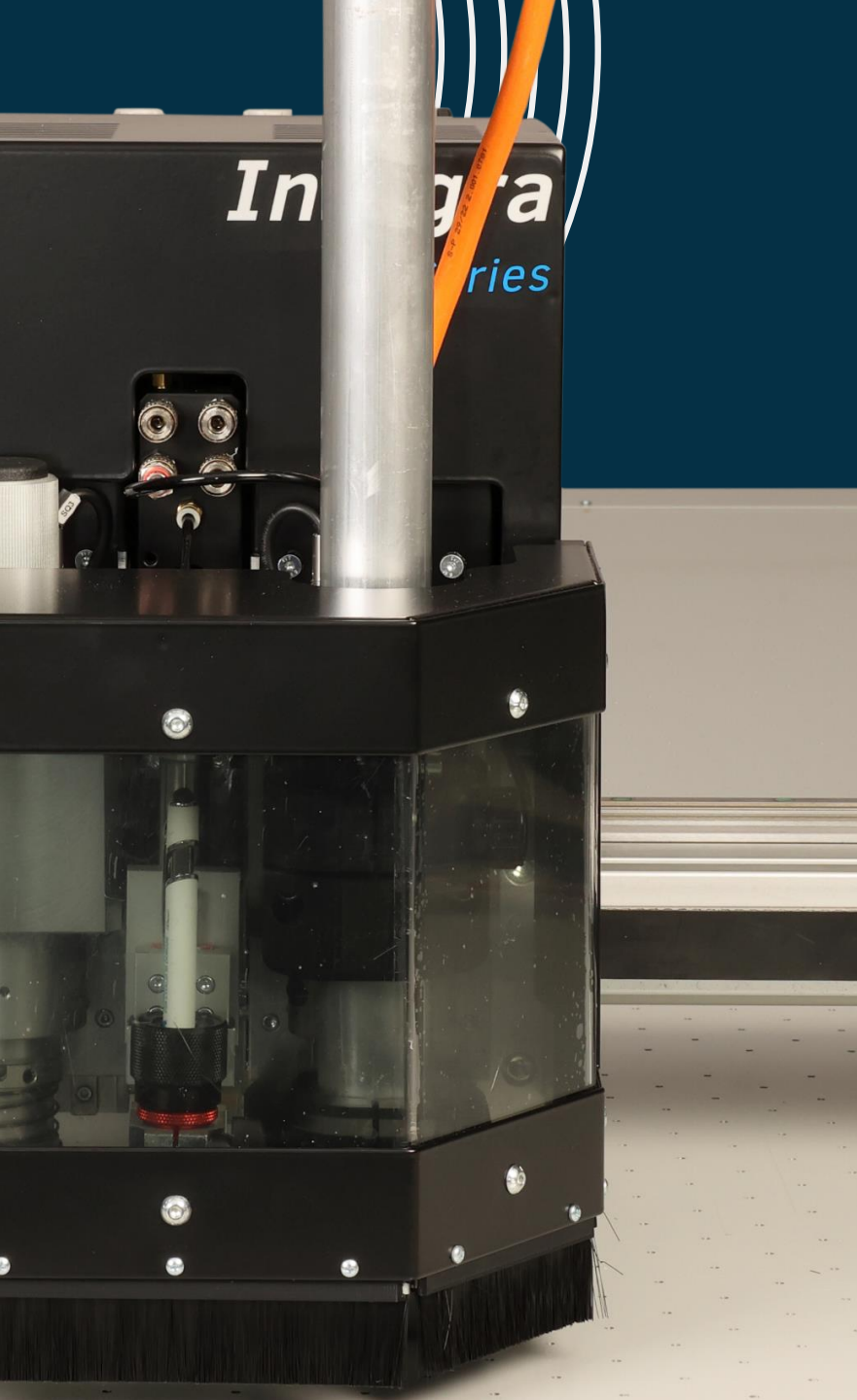
# V Series Optima

**Double head flatbed cutter** with interchangeable tools. Can be used for a wide variety of applications. Easy to use flatbed for packaging and sign making.



NEW

Models	V1208	V1225	V1612	V1630
Cutting Size	1230x 830 mm (48x33")	1230x 2520 mm (48x96")	1620 x 1230 mm 63x48")	1620 x 3050 mm (63x120")



V SERIES

# V Series Integra

Milling, cutting and creasing in one single solution

- »» Milling, Cutting, Creasing, Kiss cutting, V-Cutting
- »» Equipable with a 1 KW router (up to 60.000 rpm)
- »» Effective on acrylic, Alu-dibond composite, thick PVC forex and MDF wood
- »» Perfect pairing with UV flatbed printers
- »» From small to large formats
- »» 5 years warranty

## Tools

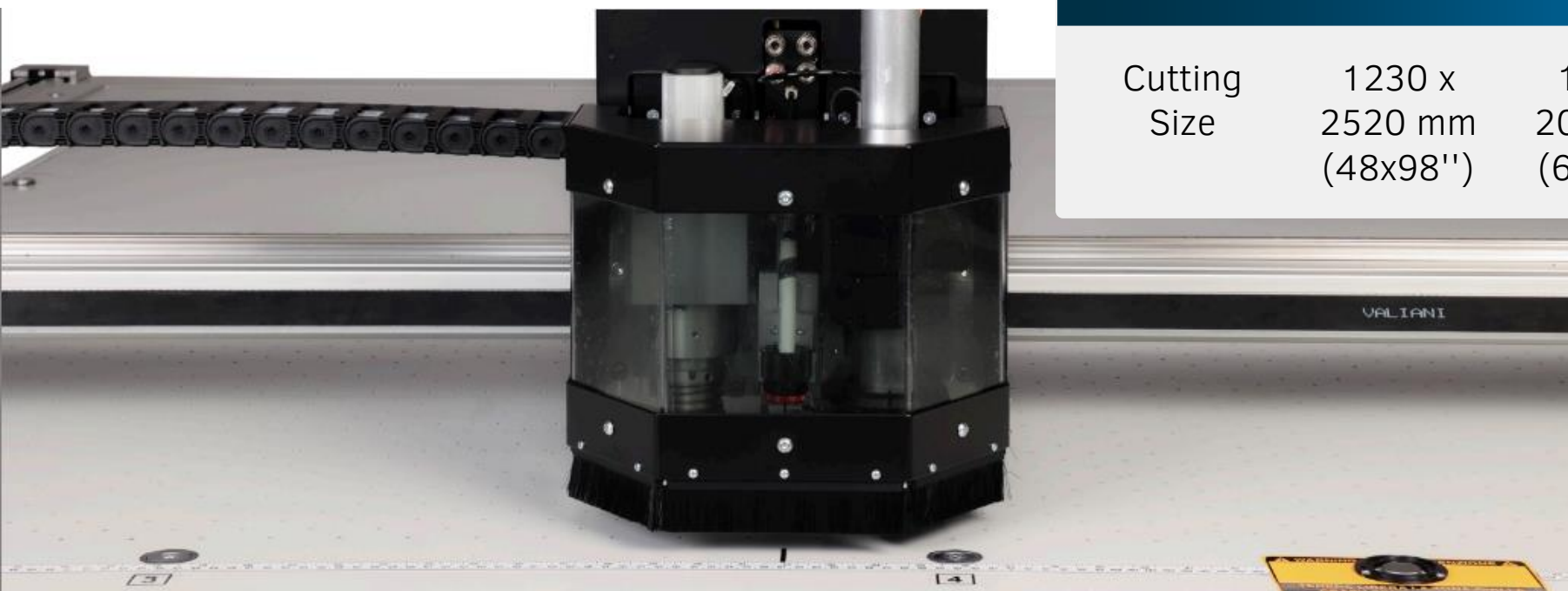
Routing tool, v-cut tool, oscillating knife, tangential knife, creasing tool, drawing tool, kiss cut tool

Versa-tool + interchangeable heads

V SERIES

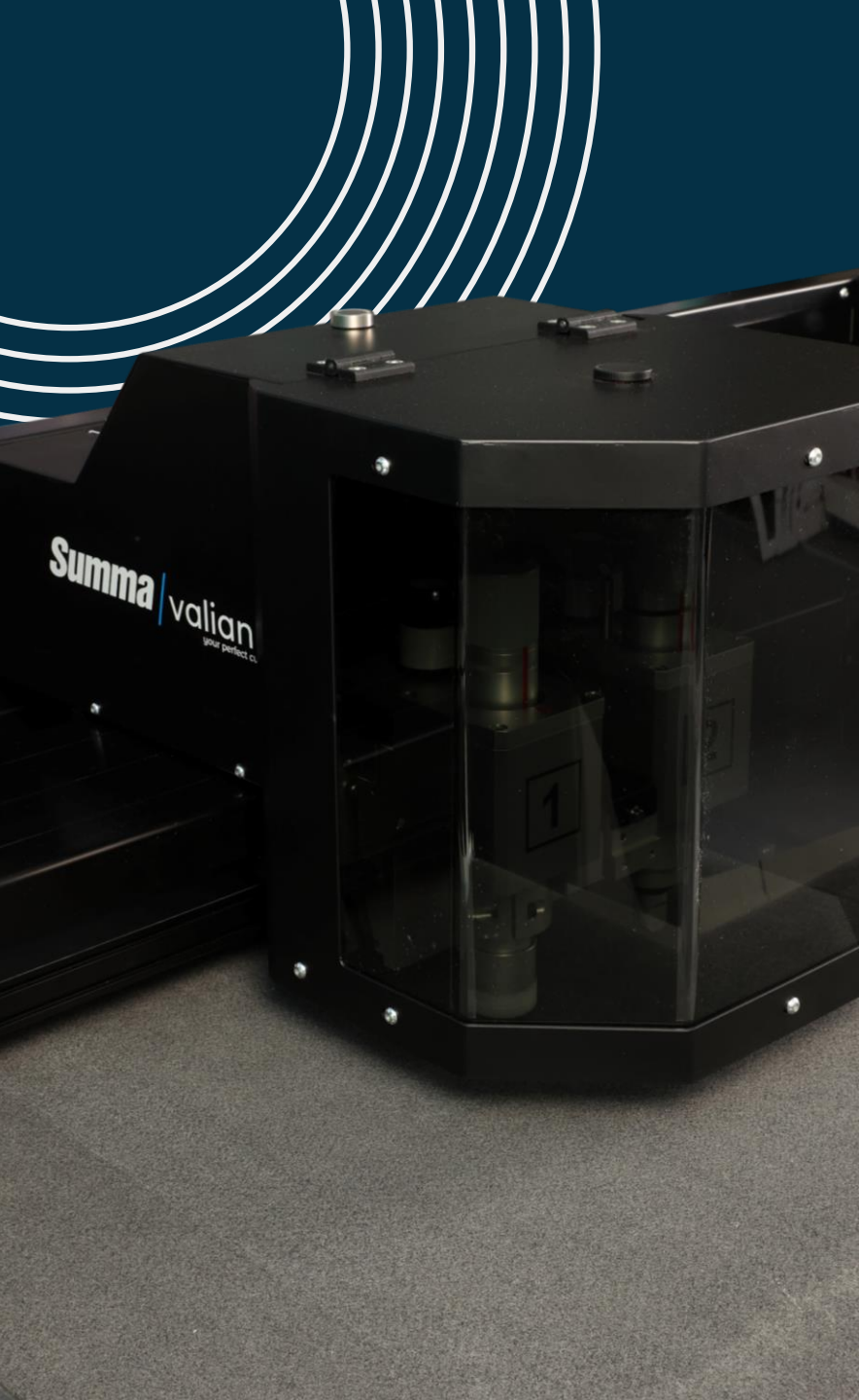
# V Series Integra

**Double head flatbed cutter** with interchangeable tools and routing option. Can be used for a wide variety of applications within sign making.



NEW

Models	V1225	V1620	V1612	V1630
Cutting Size	1230 x 2520 mm (48x98")	1620 x 2050 mm (63x80")	1620 x 1230 mm (63x48")	1620 x 3050 mm (63x120")



V SERIES

# V Series Omnia (EVO)

Auto feed die cutting machine

- »» Automatic and independent workflow – 24/7
- »» Perfect cutting and creasing on a wide range of media up to 12 mm (1/2") from thin vinyl to rigid board
- »» QR Code for Diversified Production – 20 cm capacity feeder, conveyor belt and catch tray
- »» From A4 to B1+ format
- »» Increased acceleration and speed on the EVO

## Tools

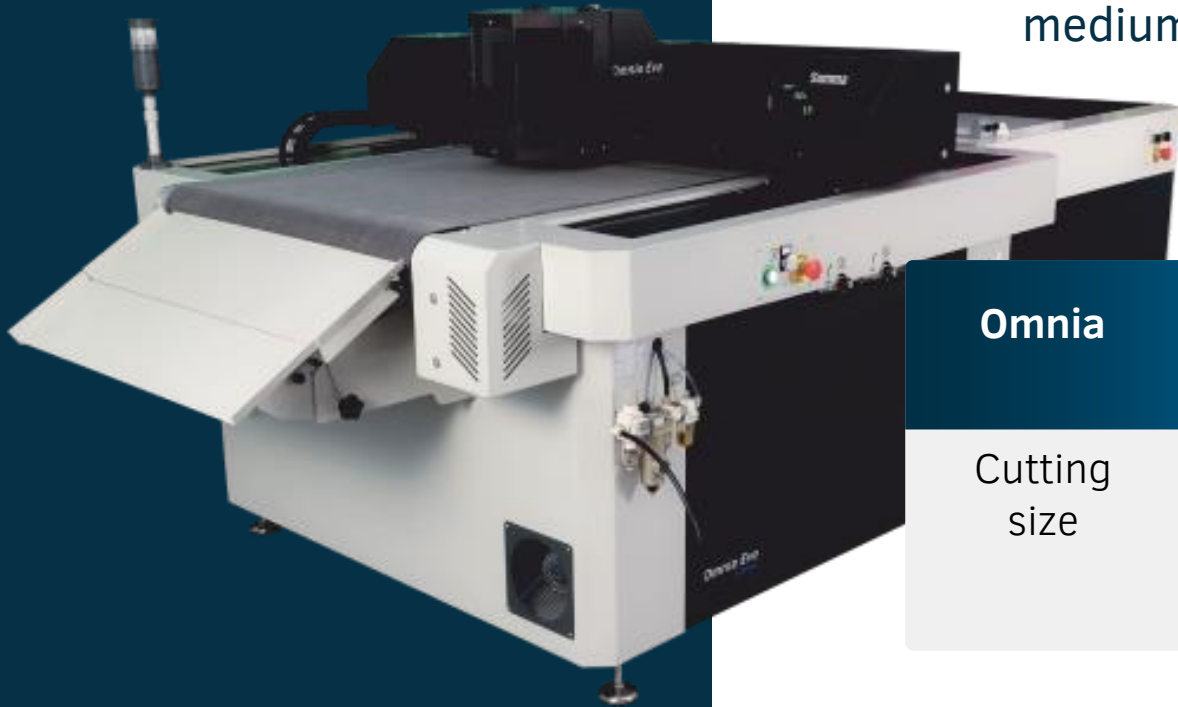
Oscillating knife, tangential knife, creasing tool, drawing tool, kiss cut tool

Versa-tool + interchangeable heads

V SERIES

# V Series Omnia

**Double head flatbed cutter** with interchangeable tools equipped with feeder and catch tray. Perfect for fully automatic production. Great for short and medium run production.



Omnia	V0708	V0710
Cutting size	750 x 800 mm (29x31")	750 x 1050 mm (29x41")

Omnia EVO	V0710
Cutting size	750 x 1050 mm (29x41")



V Series

# V Series



For V Series



- »» Multiple point compensation
- »» Barcode workflow
- »» Material Manager
- »» Supported by many RIPS
- »» More compensation modes
- »» Segmentation for longer cuts
- »» Customizable workflows
- »» Job exchangeable with other Summa devices
- »» Backside cutting

*V Studio still needed for Calibration*



# Tools



**PPO**

Powerful pneumatic oscillating knife



**HPO**

High-speed pneumatic oscillating knife



**MTD**

Multi-purpose tangential drag-knife



**PDT**

Plot drawing tool



**RT**

Routing tool



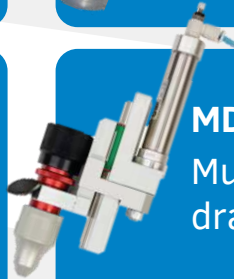
**VBT**

V-cut & bevel tool



**UCT**

Universal creasing tool



**MDT**

Multipurpose drawing tool



**ICT**

Invicta creasing tool



**SKT**

Kiss cut tool

# I-Heads



**VTH**

VersaTool Holder



**IHW**

White 90°  
Straight cut &  
kiss-cut



**IHG**

Green 40°  
Bevel-cut



**IHB**

Blue 45°  
Bevel-cut



**IHBr**

Brown  
creasing/  
scoring



**IEH**

Grey 90°  
Straight-cut



**IHP**

Purple  
embossing/  
debossing

# The quality of our flatbed plotters is a warranty!

Integrity

Passion

Reliability

ONLY WITH US

**5**  
YEARS\*

**WARRANTY**

Delivering excellence with Italian craftsmanship and zero-defect reliability. Proudly offering a 5-year warranty on our cutting machines.

**Summa** / valiani  
your perfect cut

**V Series**

**APPLICATIONS /**

# A perfect match for



Packaging converters



Box factories



Copy shops



Digital print house



Interior design



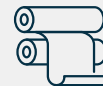
Die makers



Technical schools &  
universities



Automotive



Wide format printing



Gasket makers



Sign & display



Industrial decals



Photo studios



Museums & galleries



Offset printing press



Fashion & apparel



Visual communication  
- Advertising



Graphic design studios



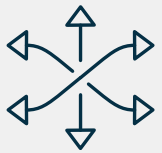
Architectural studios



Industrial sector

# Materials

Countless materials, endless applications



**Versatility** is a key feature of our digital machines

Ensuring maximum precision and impeccable quality across:

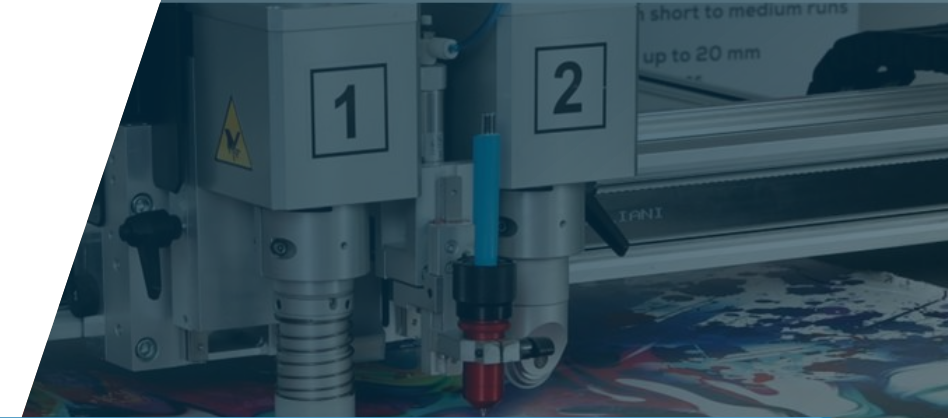
Different thicknesses of materials

Different industries

- » Paper / Folding Carton / Corrugated Cardboard
- » Honeycomb panels / Re-board
- » Grey chip board
- » PVC / FOREX / Foam board
- » Polycarbonate panels / Laminated sheets
- » Polymers & rubber blankets / Offset varnishing coating plates
- » Reflective films / Stickers and Decals / Vinyl / Magnets sheets
- » Polypropylene / PET
- » Moquette / Floor mats
- » Gaskets, Rubber, Felt, Silicone
- » Leather and Fabrics
- » Paper and cardboard patterns
- » Medium-density fiberboard
- » Plexiglass / Acrylic
- » Aluminum composite / Dibond

# Targets

Proposition main industries



## Industries

## Application/Materials

**Digital Printing houses**

Die-cutting printed cardboard, folding paper or corrugated cardboard

**Offset printing houses**

Boxes, folders, cases with cutting and creasing processes

Varnish plates, for in-line spot or flood varnishing (coating) in offset applications, rubber and polymer blankets

**Car customization/tuning**

Carbon fibre parts (e.g., dashboard of the car) and EVA foam mats

**Cross motorbike customization  
(printed digital and laminated)**

PVC adhesives for motorbike decals and graphics “Crystal Orafol”

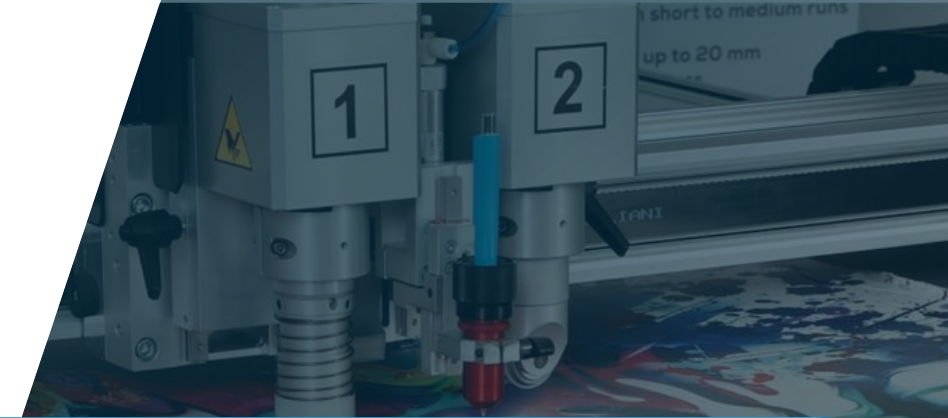
**Interior design and furniture**

Displays, chairs, tables made of honeycomb board and foamboard / coroplast with the 45° V-cut angle



# Targets

Proposition main industries



## Industries

## Application/Materials

**Box makers**

Packaging of any kind: Pharmaceutical, medical, cosmetics, Food and Beverage

**Luxury Packaging**

Luxury Packaging Boxes/Lined boxes

**Die-makers**

Die-cutting ejection rubber

**Signage (wide format)**

Rigid panels made of Composite Alu/Di-bond, plexiglass / acrylic, thin MDF and PVC forex (printed UV) with milling process

**“Automotive” or similar  
(digital painting)**

Membrane Switches - max 1-mm polycarbonate sheet for keyboards

**Road signage**

45° V-cut or Half Cut on rigid grey board  
Reflective films for Road and Safety signs

# Targets

Proposition main industries



## Industries

## Application/Materials

**Architectural Studios &  
Faculty of Architecture**

Architectural models and scale rendering made of cardboard

**Toys / Games**

Puzzle, playing cards, board games

**Stationery stores**

Envelopes, letter paper, calendars

**Shoppers producers**

Paper and carton shoppers

**Carpet Makers**

Customized Doormats

**Event Planning /  
Trade shows and Conferences**

**Layout and Set-up/ Advertising**

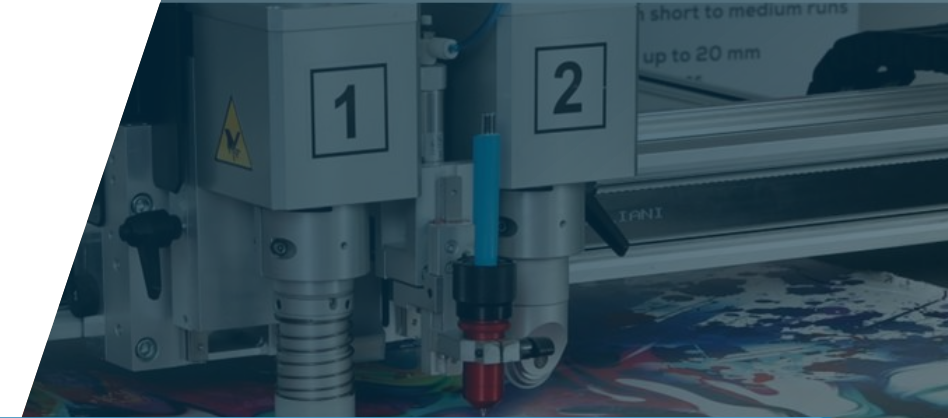
Forex and foamboard used for totems, banners and roll-ups

**Electronic**

Thermal Interface Materials (gaskets, silicone)

# Targets

Proposition main industries



## Industries

## Application/Materials

**Construction**

Glass veil

**Nautical and Upholstery sector**

Sponge up to 20 mm thick

**Technical schools and universities**

General practice and first experience with digital cutting for cardboard of any kind

**Gadget and Promotional Items**

Stickers/Magnets/Keychain

**Stores and POS/POP**

POS/POP displays made with rigid materials

**UV printing technology**

Printing Jigs (carton or polycarbonate)

**Painting**

Stencil

# Targets

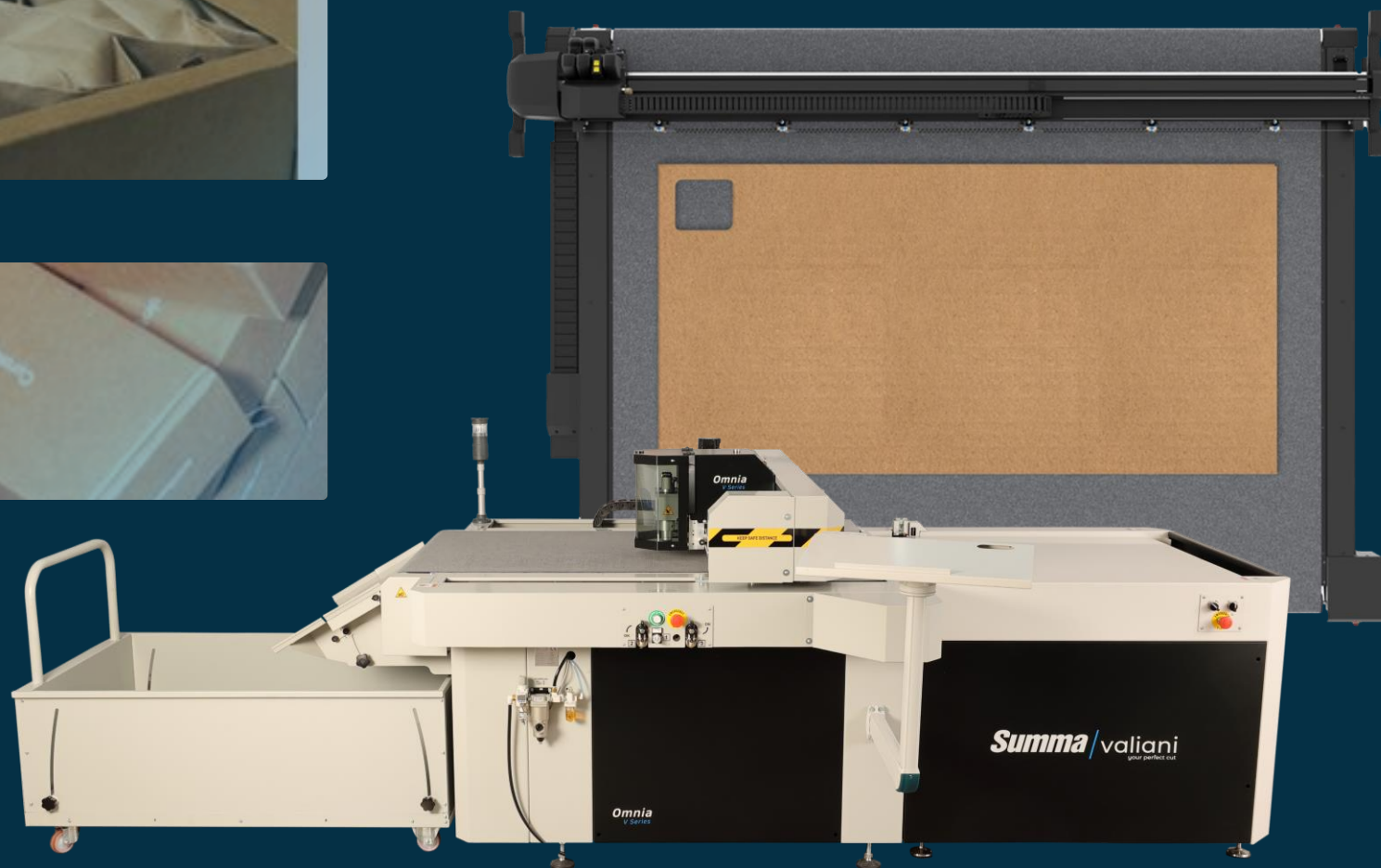
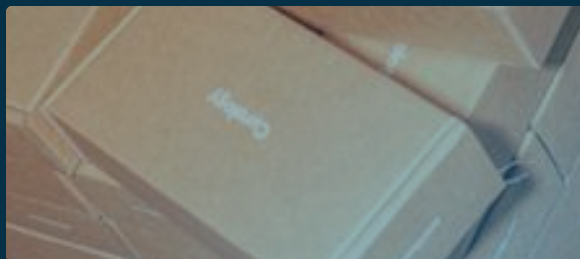
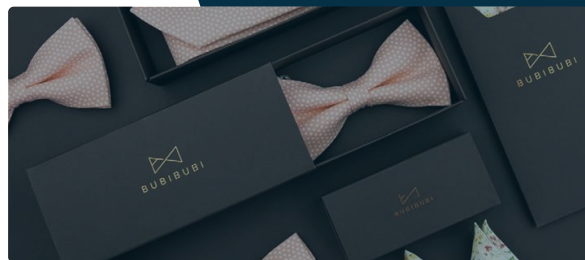
Proposition main industries

**Apparel & fashion markets**

Industries	Application/Materials
<b>Fashion Boutiques</b>	Sewing patterns of any kind (sleeves, sweaters, t-shirts, trousers)
<b>Footwear</b>	Fibre board, rigid cardboard and Bristol board patterns – cutting and pen marking
<b>Tanneries and Leather laboratories</b>	Prototypes of leather garments (jackets, skirts, belts, wallets) and fur coat
<b>Knitting sector</b>	Prototypes of fabric garments



# Packaging







# Sign & Display



Vehicle graphics



Billboards



Window Graphics



Light Boxes



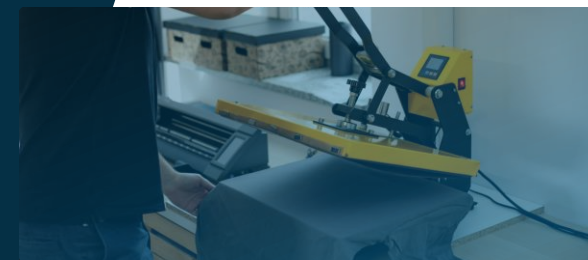
Banners



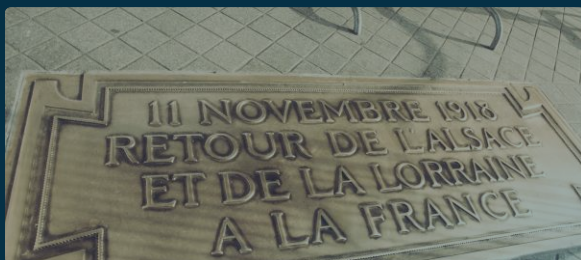
Displays



Vinyl Specialities



Textile



Sandblast



Decals



Road & Safety signs

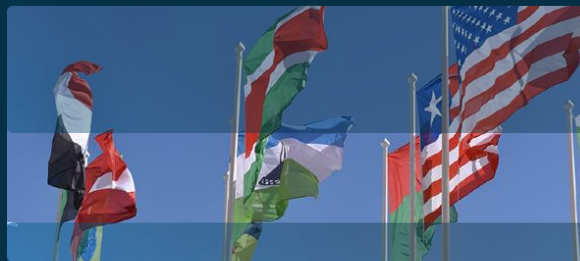


Facility signs





# Textile



V Series

# Zone Graphics Ltd - Optima

<http://www.zonegraphics.co.uk/>

General commercial printing:

Prepress department + digital press (HP Indigo + Ricoh) + traditional dies

## Why did they buy a V Series Optima V1612?

- 1) Attention to Value – develop a more refined mockup
- 2) Small footprint
- 3) Cutting & creasing quality
- 4) Quick turnaround times – time-to-market is decisive
- 5) Good combination with their die system (when the die is too complex and the runs are too short)

Video Testimonial [https://www.youtube.com/watch?v=A79kiL8\\_Qpo](https://www.youtube.com/watch?v=A79kiL8_Qpo)



**Folding  
carton**

Optima  
Omnia



V Series

# L'atelier Patrice Bégnier

<https://www.latelierpatricebegnier.com/>

Why did he buy a V Series **Optima V1208**?

- 1) Need for an R&D cutting machine, easy to work with in a small atelier
- 2) Quality at the core: working for prestigious brands in the perfumerie and wine industry
- 3) Compact footprint, easy to be disassembled
- 4) Versatility on any type of paper and cardboard
- 5) Attractive price point for newcomers
- 6) Much more precise and faster than hands cutting
- 7) Incredibly accurate cutting on fine details and shapes

Video Testimonial <https://www.youtube.com/watch?v=X-BJ-SnYV28>



**Luxury  
packaging**

Optima  
Omnia



## V Series

# Phase 1 Prototypes

<https://phase1prototypes.com/>

Digital printing company, focused on packaging

Boxes, wraparounds, packaging mock-ups, vinyl, laminating cards

Plenty of prestigious cutting brands in his company

Why did they buy a V Series **Omnia V 0708**?

- "long" short runs
- Huge demand of personalized products – avoid outsourcing
- Totally different creasing quality compared to the Chinese players after demos
- Automation at its highest (one operator is handling several equipment)
- No mechanical breakdown since the purchasing date



**Copy shops**

Invicta  
Optima  
Omnia





V Series

# Cecchi Graphics Design

<https://www.cecchigraphicsdesign.it/en/>

Family-run business, driven by passion and young entrepreneurship

Full set of equipment: eco-solvent roll-to-roll printers, roll cutters, laminators

Motorbike graphics, custom helmet graphics, seat cover, enduro plates, motorcycle accessories



**Industrial  
decals**

**Invicta**

Why did they buy a V Series **Invicta V1015**?

- 1) Extremely powerful cutting heads and modules
- 2) Cutting intricate designs
- 3) Enabling them to cut more than a traditional roll cutter
- 4) Robust and powerful vacuum pump for media holding
- 5) E-commerce business – reduce turnaround times, prompt cutting and delivery on the European level
- 6) Easy crop mark detection and compatible with AI



ROI = 1 year since the purchase date

**Read out the full Case Study**

<https://develop.valiani.com/cecchi-graphics-design-from-motocross-champions-to-decoration-flatbed-cutting/>

# V Series

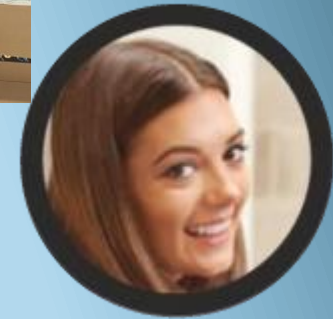
## Image 360

<https://image360.com/orlando-fl-south>

Custom commercial signs & graphics solutions (outdoor, indoor, vehicle graphics, events & trade shows, printed & promotional items)

Why did they buy a V Series **Integra V 1225**?

- 1) Outstanding routing performance
- 2) POT (1¼') + 1 kw Router (1½'): nice combination on PVC sheets
- 3) High-end finishing on acrylic
- 4) Appreciate the versatility of blade knife & milling option
- 5) ACM usage
- 6) 5-year warranty
- 7) Heavy-duty flatbed cutter at an interesting price point for such a wide table



**Sign  
makers**

Integra





# Applications

Handling a wide range of applications to meet the demands of many industries such as...

Sign and display

Textile

Packaging



**Folca**

**Folding  
carton**

Optima  
Omnia



**Luna**

**Luxury  
packaging**

Optima  
Omnia



**Sophie**

**Copy shops**

Invicta  
Optima  
Omnia



**Dustin**

**Industrial  
decals**

Invicta



**Kassie**

**Sign  
makers**

Integra



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