



valiani
your perfect cut



Valiani cutting machines, excellence since 1974

Valiani is the perfect expression of the **Italian Engineering**. From the invention of the first mat cutting machine for the framing industry to recent machinery for printing, packaging and sign industry, our goal is providing you an everyday partner, capable to process the widest range of materials.

The numbers of our success



We export to more than
+80
countries



Carried out over
+4.800
installations

We have been exporting our cutting machines to more than 80 countries, where we have carried out over 4,800 installations, ensuring first-class service. Our mat-board cutting machines for framing is chosen by museums such as the **Vatican Museums**, the **Louvre**, **Musée d'Orsay**, the **Hermitage**, the **SF MOMA**, **Tokyo National Museum**, **Getty Museum**, **Finnish Museum of Contemporary Art Kiasma**, and other prestigious institutions such as, **European Parliament**, **NY Public Library**, **The White House** and many more.

Cutting machines beyond expectations

Know-how, Integrity, Passion and Sense of Accountability are the values guiding our long-standing company. These features have led us to be a reference point in the finishing industry. We are committed to meeting and exceeding our customers' expectations, anticipating their needs, and ensuring high-quality service.

Passion for made in Italy since 1974

Lean manufacturing: zero defects for absolute reliability

Lean methodology is a way of optimising the people, resources, efforts and energies of our organization toward creating value for the customers. It is based on two guiding tenets, continuous improvement and respect for people.

Thanks to the consistent application of this methodology, we can produce machinery with no waste and no defects, allowing us to deliver equipments that last over time.

The quality of our cutting machines is a warranty!

Every day we work to give the best to our customers. Our cutting machines are the result of Italian genius and craftsmanship. We use Italian mechanics and thanks to zero defects lean management methodology we have increased the reliability of our flatbed plotters, so that we are able to offer a **5-year warranty on our machines**.

ONLY WITH US

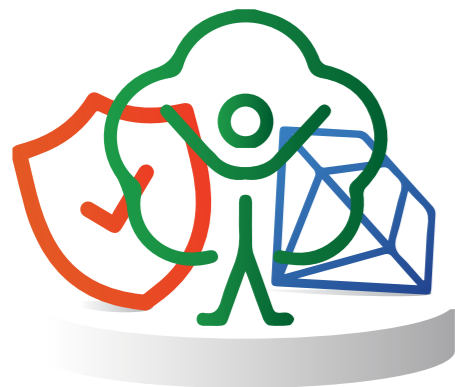
5
YEAR*

WARRANTY

We are the only ones to offer these conditions!

Get peace of mind with a 5-year Valiani Limited
Manufacturers' Warranty

* Ask your local dealer for warranty details.



COMPANY POLICY

Integrated management system

Valiani S.r.l. has been developing an Integrated Management System compliant with the requirements of **UNI EN ISO 45001: 2018** - Health and Safety, **UNI EN ISO 14001: 2015** - Environment and **UNI EN ISO 9001: 2015** - Quality, promoting ever greater integration within the context of business management systems. With a view to expanding its presence in its reference markets, Valiani aims at characterizing itself as an advanced organization in terms of flexibility, innovation and professionalism. Needless to say, that the production and the export of its machinery as well as the provision of its services requires a full respect of the legal requirements, the safeguard of the environment and the protection of health and safety at work, thereby improving the quality of the products and their efficiency. All these criteria are fully met by Valiani company, which is preparing to become a symbol of expertise, competence and good practice at the working level.

Our values



QUALITY

Conceiving and developing cutting systems designed to last over time.



RELIABILITY

Living up to expectations and keeping promises, offering our customers equipment with great potential and establishing transparent relationships with end-users and distributors.



INNOVATION AND TECHNOLOGY

Creating brand-new solutions, thinking in an unconventional way to allow our customers to develop and increase their business with highly technological machines.



SUSTAINABILITY

Managing natural resources and energy connected to production processes in a rational and sustainable way, so as to enhance their usage by reducing waste and polluting effects, in line with the condition of sustainable development whose main objective is ensuring the satisfaction of needs of the present generation without compromising the possibility of future generations to realize theirs



SAFETY

Allowing people to operate in a safe and comfortable working environment.



HEALTH & SAFETY

Priority to people:
we strive every day
to guarantee the well-being
and safety of all employees
in order to inspire confidence

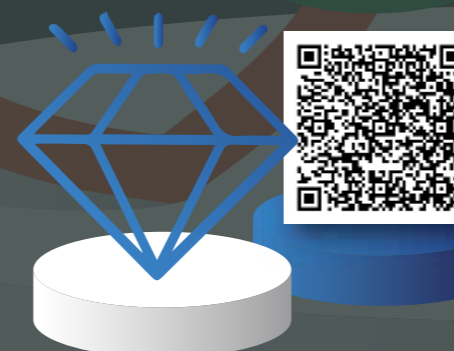
VIEW THE QR-CODE



ENVIRONMENT

Environmental Protection:
we strive with passion to reduce
the environmental impact
by pursuing initiatives
of recycling or CO2 reduction

VIEW THE QR-CODE



QUALITY

Attention for our customers:
we care about maintaining
stringent standards
for all our activities and
provide customers with
an excellent service

VIEW THE QR-CODE



Valiani for a sustainable world

Together with quality and working safety, environmental sustainability is one of the three cornerstones of our company policy.

Having a positive impact on the planet is a commitment that we pursue with concrete actions, which we implement both within the company and externally.

At Valiani we rationally manage natural resources and energy connected to production processes, with the aim of reducing waste and polluting effects.

Valiani and Treedom

A global commitment in defense of the planet

Valiani is an active partner of Treedom in the development of projects with a strong environmental and social impact.

With this partnership we are committed to reducing carbon emissions into the atmosphere and ensuring sustainable development of the local communities involved in our projects.

Why we chose Treedom

We have chosen to collaborate with Treedom because it is a reliable company, which is part of the Certified B Corporations.

Treedom helps rural communities around the world to realize sustainable ecosystems and allows thousands of farmers to support the initial costs of planting new trees, ensuring food sovereignty and income opportunities over time.



Food safety



**CO2
Compensation**



**Economic
Development**



**Environmental
Protection**



We are in business to help our customers succeed

Vision

AFFORDABLE AND RELIABLE EQUIPMENTS

With almost 50 years of experience, we work every single day to deliver high-yield machinery, bring innovation in the digital cutting solutions and offer our customers the best market compromise between price, performance and productivity.

Mission

INNOVATION AND TECHNOLOGY FOR EVERYONE

We strongly believe that the future of manufacturing lies in the digitalization process and our goal is to enable our customers to develop their business with our engineered cutting systems.

Values

OUR DAY-TO-DAY COMMITMENT

Know-how, Integrity, Passion and Accountability are what sets us apart, allowing us to exceed our customers' expectations.

SUPERIOR MANUFACTURING, QUALITY AND RELIABILITY
















All Valiani machines are designed and developed with the aim to make them **last forever**. Repeatability and reliability are two factors that summarize the concept of quality asseverated in Valiani.

Materials & Applications

Digital machines for processing your jobs

One of the key features of our digital machines is their versatility. They can be used for cutting a wide range of materials, with different thicknesses, always guaranteeing maximum precision and impeccable quality both on prototypes and from small to medium runs.

COUNTLESS MATERIALS, ENDLESS APPLICATIONS

-  Folding Cardboard / Corrugated Cardboard
-  Honeycomb panels
-  Grey chipboard
-  PVC / FOREX / Foam
-  Polycarbonate panels
-  Polymers and rubber blankets / Offset varnishing plates
-  Reflective films / Stickers and Decals / Vinyl
-  Magnets
-  Carbon Fiber
-  Moquette / Floor mats
-  Leather and Fabrics
-  Paper patterns
-  Medium-density fiberboard
-  Plexiglass and Acrylic
-  Aluminum composite / Dibond















Industries

Suitable for different industries and businesses

Our cutting machines feature amazing flexibility and works equally well for many different industries. They can be used for package prototyping for short and medium run, digital and offset printing, architectural models and picture framing. The right solution for every cutting need.

CHOOSE THE IDEAL CUTTING MACHINE FOR YOUR INDUSTRY

- Graphic Design Studios 
- Box Makers 
- Graphic Industries 
- Die Cutting Maker 
- Copy Shops 
- Printing Press 
- Architects 
- Fashion and Apparel 
- Museums and Galleries 
- Framers and Photographs 

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INVICTA SERIES 80/120/150

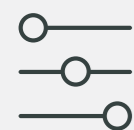
COMPACT CUTTING MACHINE WITH INVINCIBLE VERSATILITY

Invicta is the ultimate digital cutting machine of the Valiani products. With its unique features and its **extreme versatility** gives you the ability to make virtually unlimited projects. Invicta guarantees a very high degree of precision matched with a creasing quality almost equal to that of traditional die-cutting. Invicta is also highly demanded in the fashion industry, allowing to cut and draw on textile and paper patterns.



ALL YOU NEED TO START A BUSINESS

Invicta with multiple optional cutting tools, as well as creasing and drawing tools, is ideally suited for cutting a wide range of materials. Our proven mechanical design and easy to use software ensure a quick solution to time-consuming tasks.



COMPACT, VERSATILE AND EASY-TO-USE

Invicta comes in different sizes, all with vacuum table and pneumatic clamping system, an optional camera for print cropmark detection and operating software. The sturdy design of the machine allows to cut precisely and efficiently any material. A bunch of optional tools are available with a view to its personalization.



CHANGE THE HEADS

The possibility to easily swap one tool with another one enables the user to create the perfect configuration for various cutting requirements.



For further information scan the QR Code or visit our website at www.valiani.com

**SINGLE
INTERCHANGEABLE
HEAD**



Materials

- Folding Cardboard
- Corrugated Cardboard
- Vinyl and magnets
- Reflective films
- PVC / FOREX / Foam
- Polymers and rubber
- Leather and Fabrics
- Paper Patterns
- Honeycomb Cardboard
- And a lot more...

Main Applications

- Die-Cutting of Digital and Offset Prints
- Box and Packaging Production
- Photo Albums
- Street and Business Signage
- Offset Varnishing Plates and Blankets
- Architectural and plastic models
- Reflective films / Stickers and Decals / Vinyl
- Motorbike Decals
- Membrane keyboards
- Patterns for Shoes and Fashion Industry



Invicta

is equipped with a vacuum table, divided into multiple zones to optimise the suction when media is smaller than the working area. The machine may be also provided with a high-resolution optical system for crop marks detection on pre-printed materials.

*Crop mark software is optional

Invicta Series

SAVE SPACE WITH INVICTA 80

it is so compact that it adapts to any work space and digital printing format.



Tools available

Invicta can be equipped with all tools compatible with the following tool holders:

- Multifunctional Tool Holder

- Versa-Tool Holder
- Fixed Tool Holder



MTH



FTH



VTH



Technical Data

Invicta Series Models	80	120	150
Cutting Size	610x813 mm (24x32")	1220x813 mm (48x32")	1524x1016 mm (40x60")
Width	1260 mm (50,4")	1780 mm (70")	2080 mm (82")
Depth	1170 mm (46")	1394 mm (54,8")	1594 mm (62,3")
Height	1100 mm (43,3")	1100 mm (43,3")	1100 mm (43,3")
Weight	190 kg (419 lbs)	290 kg (640 lbs)	320 Kg (683 lbs)
Max Cutting Speed	413 mm/s		
Acceleration	0,5 m/s ²		
Power Requirements	Single phase - 100/230V 50/60Hz 10A		
Power	1.7 KVA		
Air requirements	6 BAR (3,5 CFM) 8 BAR (5,3 CFM) with oscillating tool		
File Format	SVG, .PLT, .DXF, .CF2, .HPGL, .XML, .PDF		
Tool Change	Manual		
Tools Available	90°, 45°, 40°, Embossing, Creasing, Drawing tool and oscillating tool		
Tools Holder	1 + 1F		
Connectivity	USB 2.0/Bluetooth		
Buffer	External PC		
Media Hold System	Vacuum bed and Pneumatic Clamping System		
Fixed Tool	Pen (Optional)		
Capacità Alimentatore	NA		
Cutting Capacity	0.1 > 5 mm (0,19") with Tangential cutting tool 0.1 > 20 mm (0,78") with Oscillating tool		
Repeatability	≤0.1 mm		
Supported OS	Windows 7, 10, 11		
CropMarks Rec.	Camera + Software (Optional)		

PRECISION, EASE OF USE AND ENDLESS CREATIVE POSSIBILITIES



Invicta can be customized into different configurations depending on the tools chosen and can cut materials with thicknesses up to **5 mm (3/16")** with tangential cutting tool or **20 mm (3/4")** with oscillating knife. The Oscillating cutting knife will bring you to the next level. It will cut through many different materials from paper to rigid material or from fabric to leather.



FEATURES

- **Single-headed** system capable of a tool changeover in less than 10 seconds without any mechanical adjustment
- Invicta may be equipped with Opticrop Software for crop marks detection
- High versatility at an affordable price

OPTIMA SERIES 80/160/250

DUAL-HEAD DIE-CUTTING MACHINE

Optima series is suitable for **almost every applications** in the offset/digital printing, display/packaging and apparel/leather markets.

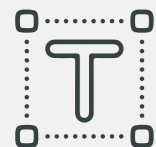
It is the ideal solution for **short and medium runs** of die cutting, prototyping, honeycomb furniture creation, textile/cardboard pattern cutting and much more.

Our "best selling product" among our line of machines, with its high precision, robust mechanisms and its capacity to manage different materials.

**HIGH
PRECISION**

**5
YEARS
WARRANTY**

**TWO
INDEPENDENT
AND MODULAR
TOOL HOLDERS**



SIZES MATTER

Optima Series is available in multiple bed sizes.



CHANGE THE TWO MODULAR HEADS

The possibility to easily swap one tool with another one enables the user to create the perfect configuration for various cutting requirements.



YOUR BEST INVESTMENT

1. High-quality and cutting precision for many materials
2. Perfect price-quality ratio
3. Low-cost maintenance



For more information scan the QR code or visit our website at www.valiani.com

Main Applications

- Contour cut of Digital and Offset Prints
- Box and Packaging Production
- POP/POS Displays
- Street and Business Signage
- Offset Varnishing Plates
- Architectural Models
- Motorbike decals
- Cardboard Honeycomb Furniture
- Patterns for Shoes and Fashion Industry
- Photo Albums

Materials

- Corrugated and Folding Cardboard
 - Vinyl / Plastic / Adhesive sheets
 - Diamond Grade / Reflective sheets
 - PVC and Foam Board
 - Coating and Rubber Blankets
 - Leather and Fabrics
- And a lot more...



Optima 80 | 160 | 250

Optima Series comes as standard with pneumatic **fold-away** and vacuum table.



FEATURES

- Equipped with two independent Tool Holders systems that prevent interruptions during the work cycle
- Combined vacuum assisted table and pneumatic fold-away clamping system
- Incomparable working flexibility over a wide range of materials
- Unparalleled cutting accuracy also on intricate designs
- Customizable into various configurations depending on the tools chosen, equippable with a high-resolution camera, a software for crop mark detection and additionally with an optional packaging software
- Available in 5 different bed sizes

ONLY WITH US

5 YEAR* WARRANTY

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* Ask your local dealer for warranty details.

Optima Series



Tools available

Optima can be equipped with all tools compatible with the following tool holders:

• **Multifunctional Tool Holder**

• **Versa-Tool Holder**
• **Fixed Tool Holder**



MTH



FTH



VTH



Technical Data



Optima Series Models	80	160	250
Cutting Size	1230x820 mm (48.5x32")	1230x1630 mm (48.5x64")	1230x2500 mm (48.5x96")
Width	1830 mm/72"	1830 mm/72"	1830 mm/72"
Depth	1430 mm/56"	2230 mm/88"	3010 mm/118.5"
Height	1200 mm/47"	1200 mm/47"	1200 mm/47"
Weight	440 kg (970 lbs)	490 kg (1.080 lbs)	600 kg (1.322 lbs)
Max Cutting Speed	600 mm/sec		
Acceleration	1 m/s ² - (39.4")/s ²		
Power Requirements	Single phase 220/208/230V 50/60Hz 8.2A	Single phase 220/208/230V 50/60Hz 8.2A	Single phase 220/208/230V 50/60Hz 15.8A
Power	1.7 KVA	1.7 KVA	2.8 KVA
Air requirements	6 BAR/90 PSI (3,5 CFM) 8 BAR/115 PSI (5,3 CFM) with Oscillating tool		
Formato File	SVG, .PLT, .DXF, .CF2, .HPGL, .XML, .PDF		
Tool Change	Manual		
Tools Available	90°, 45°, 40°, Embossing, Creasing, Drawing, Oscillating tool		
Tools Holder	2 + 1F		
Connectivity	USB 2.0 (Ethernet*)		
Data Buffer	External PC		
Media Hold System	Vacuum bed & Pneumatic Clamping System		
Fixed Tool	Pen (Optional)		
Power Capacity	NA		
Cutting Capacity	0.1 > 5 mm (0,19") with Tangential Blade 0.1 > 20 mm (0,78") with Oscillating Blade		
Repeatability	≤0.1 mm		
Supported OS	Windows 7, 10, 11		
CropMarks Rec.	Camera + Software (Optional)		

*2023 Models

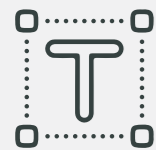
OPTIMA XL 200/300

EXTRA LARGE BED SIZE

Optima XL series combines the greatest features of Optima series with the opportunities of a **large format** machine, thus giving rise to a product designed to increase production capacity and perform multiple processes.

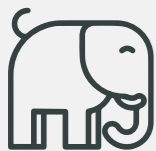
The large cutting surface in combination with the vacuum table guarantees a perfect media holding on a wide range of materials.

Thought to cut extra-large materials, it represents the ideal cutting machine both for those who need a **larger worktable** and looking for **productivity and guaranteed performance**.



FROM SMALL TO LARGE

Optima and Optima XL Series are available in **five different cutting sizes**, covering from small to large cutting needs and offering the best price-quality ratio.



SUPERIOR MANUFACTURING, QUALITY AND RELIABILITY

All Valiani machines are designed and developed with the aim to make them **last forever**. Repeatability and reliability are two factors that summarize the concept of quality asseverated in Valiani.



MULTIPLE CROP MARKS DETECTION

Like in every Valiani Machinery, it is always possible to detect printing crop marks both for single sheet and for **multiple sheets**. When the design is printed on smaller format, the system reads crop marks for each copy and accordingly performs a contour cut. Reverse side processing is another great feature when cutting and creasing delicate materials.

**200
CUTTING SIZE
160x205cm
(63x80,7")**



**300
CUTTING SIZE
160x305cm
(63x120")**

Main Applications

- Contour cut of Digital and Offset Prints
- Box and Packaging Production
- POP/POS Displays
- Street and Business Signage
- Offset Varnishing Plates / Rubber Blankets
- Architectural Models
- Motorbike decals
- Cardboard Honeycomb Furniture

Technical Data

Optima XL Series Model	200	300
Cutting Size	1600x2050 mm (63x80,7")	1600x3050 mm (63x120")
Width	2200 mm / 86,6"	2200 mm / 86,6"
Depth	2730 mm / 107,5"	3640 mm / 143,3"
Height	1200 mm / 47"	1200 mm / 47"
Weight	590 kg / 1300 lbs	690 kg / 1522 lbs
Power Requirements	3 - Phase - 230V 60Hz 20A 3 - Phase - 400V 50Hz 12A	
Power	4.5 KVA	

****For the other specs see page 23**

Tools available

Optima XL can be equipped with all tools compatible with the following tool holders:

- Multifunctional Tool Holder

- Versa-Tool Holder
- Fixed Tool Holder



MTH



FTH



VTH



INTEGRA SERIES 160/250/200/300

MILLING, CUTTING AND CREASING IN ONE SINGLE SOLUTION

Integra is a cutting system designed to process materials of **greater consistency** typical of the world of sign and packaging industry. Configurable with a **1 kW router** and a wide range of cutting tools, Integra guarantees high versatility and quality standards in managing the processing of the most common rigid supports used in the graphics industry. **Milling, engraving, cutting and creasing** in a precise way is now possible with Valiani Integra, a qualitatively impeccable Italian product that is characterized by its robust shape, high precision and reliability.



ROUTING TOOL

The 1 kW router to be mounted on the machine, can handle the processing of the most common rigid supports used in the graphic and sign industry including rigid PVC, acrylic, aluminum composite panels, forex and plexiglass up to 13 mm (0,5") thick. The router cutter reaches a maximum of 6 mm in diameter.



ONE DEVICE, PLENTY OF OPPORTUNITIES

Integra is the answer to cut, kiss-cut, creasing and routing demand as it is able to guarantee an optimal throughput without resorting to a cutting die. The machine may be equipped with a high-resolution camera that, in combination with a software, automatically detects the position of the registration marks for quick and precise contour cuts. Media optimal fixing is given by a vacuum table divided into multiple zones and a pneumatic clamping system.



MORE AUTOMATION FOR GREATER PRODUCTIVITY AND HIGHER SPEED

Integra's flatbed system makes use of a considerable degree of automation, with automatic adjustment of the cutting depth and full motorization of the two cutting heads. Integra turns out to be fast in processing materials with quick tool setup in relation to the height of the panel to be processed.



For more information scan the QR code or visit our website at www.valiani.com



Materials

- Plexiglass / Acrylic
- Dibond / Aluminum composite
- Plastic Materials
- Foamboard
- Medium-density fibreboard
- Folding and corrugated cardboard
- And a lot more...

Main Applications

- Business and lettering Signage
- Custom Engraving Plates
- Gadgets and Showcase Objects
- Displays for Points of Sale and Purchase
- Advertising Banners
- Die-Cutting of Digital and Offset Prints
- Packaging and a lot more...



Automatic Tool Height Sensor

Fixed on the machine table, it makes it possible to automatically determine the tool height.

Integra Series



PRECISION, EASE OF USE AND ENDLESS CREATIVE POSSIBILITIES

Integra can be equipped with a 1 kW router to cut more rigid substrates like aluminum composites, forex, plexiglass up to 13 mm (0,5") thick.



VACUUM CLEANER* FOR RESIDUES

An optional powerful aspirator is highly recommended to remove the residues left by the router and to give shape to a precise product on all sides.

*optional



Vacuum Cleaner Technical Data

Models	160	250	200	300
Power Requirements	EU 220-240V 50/60 Hz / US 110-120V 60Hz			
Power	KVA 3.6			

ONLY WITH US

5
YEAR*

WARRANTY

We are the only ones to offer these conditions!

Get peace of mind with a 5-year Valiani Limited Manufacturers' Warranty

* Ask your local dealer for warranty details.

Tools available
Integra can be equipped with all tools compatible with the following tool holders:

- Multifunctional Tool Holder
- Versa-Tool Holder
- Fixed Tool Holder

Technical Data

Models	160	250	200	300
Cutting Size	1230x1630 mm (48,5x64")	1230x2500 mm (48,5x98,5")	1600x2050 mm (63x81")	1600x3050 mm (63x120")
Width	1830 mm/72"	1830 mm/72"	2200 mm/86"	2200 mm/86"
Depth	2230 mm/89"	3010 mm/119,5"	2730 mm/107"	3640 mm/143"
Height	1200 mm/47"	1200 mm/47"	1200 mm/47"	1200 mm/47"
Weight	540 kg/1190 lbs	590 kg/1300 lbs	650 kg/1433 lbs	690 kg/1521 lbs
Max Cutting Speed	1080 mm (42.5")/ sec			
Acceleration	2.5 m/s ² (98.4"/s ²)			
Power Requirements	3 - Phase 400 V 50/60 Hz 17A	3 - Phase 400 V 50/60 Hz 23A	3 - Phase 400 V 50/60 Hz 23A	3 - Phase 400 V 50/60 Hz 23A
Power	6,5 KVA	9 KVA	9 KVA	9 KVA
Air pressure Requirements	6 BAR/90 PSI (3.5 CFM) 8 BAR/115 PSI (5.3 CFM) With Oscillating Tool			
File Format	SVG, .PLT, .DXF, .CF2, .HPGL, .XML, .PDF			
Tool Change	Manual			
Tools Available	90°, 45°, 40°, Embossing, Creasing, Drawing, Oscillating tool, Routing Tool 1 KW			
Tools Holder	2 + 1F			
Connectivity	Ethernet + USB			
Data Buffer	External PC			
Media Hold System	Vacuum bed and Pneumatic Clamping System			
Utensile fisso	Pen (Optional)			
Capacità Alimentatore	NA			
Cutting Capacity	0.1 > 20 mm (0,78") with Oscillating Tool head 0.1 > 13 mm (0,51") with Routing Tool 0.1 > 5 mm (0,19") with Tangential Cutting head			
Repeatability	≤0.1 mm			
Supported OS	Windows 7, 10, 11			
CropMarks Rec.	Camera + Software (Optional)			

* For electrical voltage different from the standard ones, it is necessary to use a power converter (that we can provide if any) to bring tension to 400V

OMNIA SERIES 80/100

AUTO FEED DIE CUTTING MACHINE

Omnia has been designed to **automatically feed** and contour cut media to create exclusive packaging and unique labels. The operator can load different kinds of materials, with different sizes up to **75x80 cm / 29.5x31.5"** (Omnia 80) and up to **75x105 cm / 29.5x41.3"** (Omnia 100). Omnia will feed media to the cutting table using a suction system that lifts media from the feeder and drags it onto the conveyor. The feeder holds up to **600 sheets**, depending on thickness. Once in position, the camera will detect crop mark and execute the cut of the uploaded file. The processed sheets drop into the catch tray. The software can control multiple workflow options including cut files from various graphic design software, **QR Code mode**, and non-printed material. Omnia is perfect for die cutting cardstock projects including packaging, folders, business card and kiss-cut. With its robust design, it can also process heavy material such as corrugated cardboard, chip board and plastic sheets (forex).



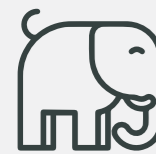
INCREASE PRODUCTION CAPACITY - 24/7

The oversized feeder and the withdrawal system automatically pick up and load the materials into the cutting machine. The automatic crop mark detection allows a hands-free cutting process and a **signal tower light** will notify the operator that the feeder has dropped to the minimum quantity so it can be reloaded.



REAL INDEPENDENT WORKFLOW

Omnia Series is designed with the aim to make it work **automatically all day long without the presence of an operator**. Repeatability and reliability are two factors that summarize the concept of quality asseverated in Valiani Omnia.



SUPERIOR MANUFACTURING, QUALITY AND RELIABILITY

All Valiani machines are designed and developed with the aim to make them **last forever**.



For more information scan the QR code or visit our website at www.valiani.com

80
MEDIA SIZE UP TO
75x80cm
(29.5x31.5")



AVG SPEED PER SHEET

is calculated between
35-45 seconds
when cutting a box
or a folder of medium
complexity



SAVE MONEY AND TIME

CHANGE CONVEYOR
BY YOURSELF

Main Applications

- Packaging
- Labels (Kiss cut)
- Business cards
- Greeting cards and folders
- Leaflets
- Small POS Displays
- Post press digital finishing
- And a lot more...

Materials

- Folding and Corrugated cardboards
- Cardstock
- Coated paper
- Adhesives/Stickers/Vinyl
- PVC/FOREX and Foam
- And a lot more...



OMNIA 100

100
MEDIA SIZE UP TO
75x105cm
(29.5x41.3")

**SUPERIOR
MANUFACTURING,
QUALITY AND
RELIABILITY**

THE ULTIMATE CUTTING SYSTEM

Omnia combines the strength and integrity of all Valiani digital machines with the automation of a cutting system capable to process long and repetitive jobs without having to attend the operation. Omnia 100 is thought to satisfy the growing demand of personalized die-cutting processes, **exclusive packaging** and unique labels without the added cost of dies and make-readies.

Designed to quickly load materials of various grammage and thickness, this automatic solution enables companies to manufacture everything in-house and stop outsourcing. The oversized catch tray, along with the suction cup pick-up system, guarantees a high level of autonomy and flexibility on a **vast array of materials** including paper, plastic board, corrugated board and PVC/Forex.



24/7

Omnia is designed and developed with the aim to make it work automatically all day long without the presence of an operator. Repeatability and reliability are two factors that best summarize the concept of quality asseverated in Valiani Omnia.



DOUBLE YOUR PRODUCTIVITY

The non-stop feeder can guarantee compatibility with the main **offset** and **digital printing** formats as well can collect **two SRA3** sheets at the time significantly increasing average output levels.



COST-EFFECTIVENESS AND TOP-LEVEL AUTOMATION

By eliminating the need for costly die-plates and increasing the in-house production, incomparable cost-savings for short to medium runs will be observed shortly.



OSCILLATING TOOL

MAXIMUM CUTTING HEIGHT
12.7 mm (1/2")

Distinguishing features for every Omnia model

- Signal tower light
- Replaceable conveyor in autonomy
- Conveyor with guide to prevent media from deviating from path
- Support for laptop
- Oversized catch tray
- Oversized feeder (20 cm - 7.87" capacity)
- Nonstop sheet media loading
- Safety mats

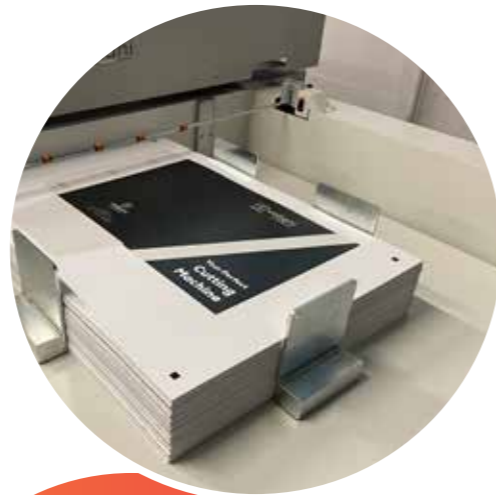


For more information scan the QR code or visit our website at www.valiani.com



10 Reasons Why

1. Continuous sheet media loading and processing
2. High-capacity Feeder
3. Perfect cutting and creasing on most materials
4. No operator needed
5. Cutting up to 12.7 mm - 1/2"
6. Simplified workflow
7. Unstoppable: work for a long time without any interruption
8. Camera and software to ensure precise graphics alignment
9. Ensured longevity at best value price
10. 100% made in Italy



FEEDER CAN
STACK UP TO
600
SHEETS
OF 300 GSM
CARDSTOCK

Omnia Series



Tools available

Omnia can be equipped with all tools compatible with the following tool holders:

• Multifunctional Tool Holder

• Versa-Tool Holder
• Fixed Tool Holder



MTH



FTH



VTH



Technical Data

Omnia Series Models	80	100
Cutting Size	750x800 mm (29.5x31.5")	750x1050 mm (29.5x41.3")
Width	1617 mm/2190 mm w PC (63.6"/86.2")	1620 mm/ 2000 mm w PC (63.7"/78.7")
Depth	3835 mm (150.9")	4370 mm (172")
Height	1320 mm (52")	1320 mm (52")
Weight	850 Kg (1874 lbs)	950 Kg (2094 lbs)
Minimum Media Size	297x210 mm (A4) (11.6x8.2") Portrait	297x210 mm (A4) (11.6x8.2") Landscape
Maximum die-cutting size	590x790 mm (23.2x31.1")	740x1040 mm (29x41")
Width with safety mat	3280 mm (129,2") W/Safety mat	
Max Cutting Speed	1.350 mm (53,1")/sec (129,2")	
Acceleration	3 m (118")/s ²	
Power Requirements	3-Phase - 400 V - 50/60 Hz 13A	
Power	5,5 KVA	
Air requirements	6 BAR/90 PSI (3.5 CFM) 8 BAR/115 PSI (5.3 CFM) with Oscillating tool	
File Format	SVG, .PLT, .DXF, .CF2, .HPGL, .XML, .PDF	
Tool Change	Manual	
Tools Available	90°, 45°, 40°, Embossing, Creasing and Oscillating tool	
Tools Holder	2 + (1F)	
Connectivity	Ethernet + USB	
Data Buffer	External PC	
Media Hold System	Vacuum	
Fixed Tool	NA	
Feeder Capacity	600 Sheets (300 gsm) - H. 200 mm (7,8")	
Cutting Capacity	0.1 > 5 mm (0,19") with Tangential Blade 0.1 > 12,7 mm (0,5") with Oscillating Blade	
Repeatability	≤0.1 mm	
Supported OS	Windows 7, 10, 11	
CropMarks Rec.	Camera + Software (Included)	



* For electrical voltage different from the standard ones, it is necessary to use a power converter (that we can provide if any) to bring tension to 400V

TOOLS & HOLDERS

The combinations between Tools and Holders make Valiani flatbed cutting machines the ideal solution for many applications and materials.



HOLDERS

All Valiani cutting machines are based on a modular tooling system that enables to assemble different tools from a set of common building blocks. Thanks to this system, users can quickly assemble tools for different finishing process. This reduces the time of tool changeover and boosts productivity.



TOOLS

Valiani has an array of tools that fit onto a multifunctional tool holder to enlarge the range of cutting process available on some models such as Oscillating knife, V-Cutting, Kiss cutting and many others. Valiani Tools grant the users both **Modularity** and **Quick-Change** capability. This economical versatility represents a gain in the machining capacity, improving the return on the users capital invested in the machine.



INTERCHANGEABLE HEADS (TO BE COMBINED WITH VERSATOOL)

Valiani has also an array of interchangeable heads for their entire line of flatbed cutters. These heads are retained and positioned on the cutting head assembly by means of several small, yet powerful magnets, which make locking faster and hardware unnecessary. A dedicated wedge-fork is supplied with the heads which makes easy, safe and fast the head change. Each tool head is color-coded and numbered to help simplify recognition at a glance.



For more information scan the QR code or visit our website at www.valiani.com



LEGEND



MTH

Multifunctional Tool Holder



VTH

Versa-Tool Tool Holder



FTH

Fixed Tool Holder

Tool Holders



Invicta



Optima



Integra



Omnia

Machines





Holders

Multifunctional Tool Holder - (MTH) IN OP IG OM



The Multifunctional Tool Holder is designed to fit many different tools. The simplicity of this tool holder makes it very easy to change from one tool to another. A simple locking system allows the operator to change tools anytime the cutting process requires, in less than 10 seconds. This feature translates into the possibility of having countless tools on the machine regardless of the number of the tool holder modules. The Multifunctional Tool Holder comes as standard with a manual adjustment to set blade depth or creasing pressure. Holder can be operated in pressure or position mode.

- **Quick Tool Change and No calibration needed**
- **High Precision Adjustment Setup**
- **Long Life and Heavy-Duty Equipment**

VersaTool Holder - (VTH) IN OP IG OM



The VersaTool is the essence of the **All-in-One tool**, it is designed to fit all the interchangeable cutting heads. The VersaTool, in combination with the right cutting heads, is ideal for kiss-cut on adhesives, straight cut on varnishing plates / rubber blankets, on any type of cardboard and v-cut on chip grey boards. Thanks to the **patented magnets system**, tool change timing is drastically reduced, safeguarding cutting precision and increasing machine's productivity.

VersaTool Holder can be equipped with 40°/45° beveled cutting heads, embossing, creasing, and 90° cutting head.

- **Quick Tool Change and No calibration needed**
- **Versatility and reliability**
- **Limitless expandability / No Obsolescence**

Fixed Tool Holder - (FTH) IN OP IG OM



On Valiani machines it is possible to mount fixed tool holders in addition to the ones provided by default. This tool holder supports every type of pen, pencil and felt-tip pen, thought to draw and write on many materials including cardboard and paper patterns for apparel market.



Tools



Powerful Pneumatic Oscillating knife (PPO)

For thick Honeycomb Cardboard, Composite Foam, Coroplast and Forex. The Oscillating cutting Tool is a pneumatically powered tool, ideal for cutting heavy strength materials up to 20 mm (3/4")* but it can also handle thinner and softer ones. The combination of the air pressure strength and the 8 mm stroke make it suitable for a wide range of applications.

- **Powerful and low-maintenance pneumatic tool**
- **8 mm stroke/ 9.000 Bpm**
- **20 mm (3/4") cutting capacity***
- **Compatible with MTH**

Blade type:
oscillating
round shank
blades

*Depending on material rigidity

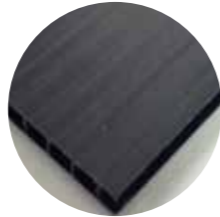
MATERIALS



Honeycomb board



Pvc/Forex



Coroplast



Rubber Gaskets



Multipurpose Tangential Drag knife - (MTD)

For folding and corrugated cardboard, vinyl, thin plastics and more. The tangential cutting tool is a precise multi depth tool, capable to handle material up to 5 mm (3/16") thick. The tangential drag knife allows to cut at full speed releasing very high-quality finishes. The tool is always **included** on all machines except Invicta.

- **High-quality finishing**
- **High Speed**
- **5 mm (3/16") cutting capacity**
- **Compatible with MTH**

Blade type:
Pulling flat
blades

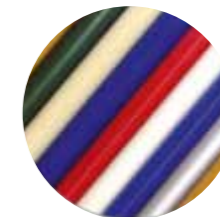
MATERIALS



Folding Cardbord



Single Corrugated board



Vinyl



Grey-board



High-speed Pneumatic Oscillating knife (HPO)

Ideal on textile, foam, polyethylene, and corrugated materials. The High-speed Oscillating cutting tool is a pneumatically powered tool that combines performance with extreme precision. The 8 mm stroke and the high oscillating frequency make it capable to process softer and thinner materials at higher speed, reaching excellent quality level.

- **High performance**
- **8 mm stroke/14.000 Bpm**
- **20 mm (3/16") on softer materials**
- **Compatible with MTH**

Blade type:
oscillating
flat blades

MATERIALS



Multi-flute
Corrugated board



Textile & Leather



Foam-board



Micro Corrugated
Sheet





⚙️ Universal Creasing Tool – (UCT)



The Universal creasing tool is a multi-use tool that comes as standard with 9 wheels with creasing and perforating functions. The tool is able to crease a wide variety of folding cardboard, polypropylene, single flute sheets, etc. Wheels can be easily changed thanks to the magnetic holding system.

- **Adjustable creasing pressure**
- **Clean and precise creases**
- **Wheels easy mount**
- **Compatible with MTH**

WHEELS AVAILABLE

- *Set of creasers for Folding Cardboard (3 pcs)*
- *Set of creasers for Corrugated Cardboard (3 pcs)*
- *Set of perforating wheels (3 pcs)*

Ø16 - Ø32

MATERIALS



Folding cardboard



Micro Corrugated Sheet



Polypropylene Honeycomb



Archival Corrugated Board

⚙️ Multi-Wall(s) Creasing Wheels – (MCW)



The 4 Multi-Flute(s) creasing wheels have been designed to handle double and triple flute corrugated board. They work in combination with a special creasing tool to be bought separately.*

The larger creaser diameter(s) allows to produce fine creases both with and against the corrugation, Multi-Wall Creasing Wheels can be easily changed thanks to the magnetic holding system.

- **Wheel easy mount**
- **Clean creases on double as well as triple walls**
- **Adjustable creasing pressure**
- **Compatible with UCT**

*Multi-wall creasing tool and wheels are optional upon request, not included within the above Universal Creasing Tool

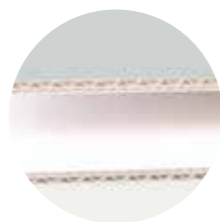


Ø60

MATERIALS



Single-Wall Corrugated Cardboard



Double-Wall Archival Cardboard



Triple-Wall Corrugated Cardboard



Polypropylene Honeycomb



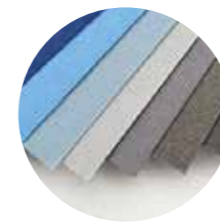
⚙️ Plot Drawing Tool – (PDT)



For those needing to write part numbers or job names on items prior to cutting. The Plot Drawing Tool is available for the tool holder body and it takes standard pen cartridge ball point. This tool is also ideal to label materials such as cardstock or leather with text, marks or symbols.

- **High speed**
- **Quick pen change**
- **Precise decorations on cardstock**
- **Compatible with MTH**

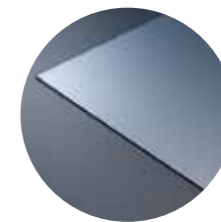
MATERIALS



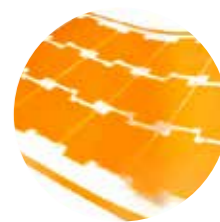
Folding Cardstock



Heavy cardstock for apparel patterns



Polycarbonate



Varnishing Plates

⚙️ V-Cut & Bevel Tool – (VBT)



The V-Cutting tool is a specific tool for creating beveled edges and folding thicker materials. The Tool is the ideal for producing three-dimensional structural designs made of honeycomb cardboard, foam-core materials or light coroplast display board. The tool has multiple blade holders to produce bevel cuts at 15°, 22.5°, 30° (optional) and 45°. Thickness capacity ranges between **6 mm (0,23")** and **16 mm (0,62")**.

- **Heavy-duty**
- **For display racks and large-sized cardboard structures**
- **Variable angle***
- **Compatible with MTH**

*15°, 22.5°, 30° blades are optional upon request, not included within V-Cut Tool

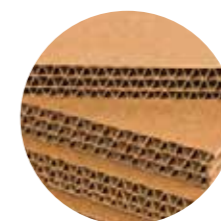
*Available on Optima and Integra only



MATERIALS



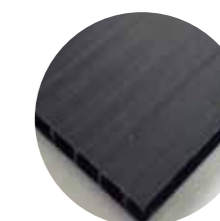
Honeycomb board



Triple-Wall Corrugated



Cardboard Composite Foam



Coroplast



Routing Tool (RT)

The 1 kW router, to be mounted on Integra, can handle the processing of the most common rigid supports used in the graphic and sign industry, including rigid PVC, acrylic and aluminum/dibond composite panels and plexiglass up to 13 mm thick; allowing to produce a perfect finishing of printed materials and much more. Max recommended milling bit diameter of 6 mm.

- **Speed range 5.000 - 60.000 rpm**
- **Tool change: manual wrench (max d.5)**
- **Max diameter tool 6 mm**

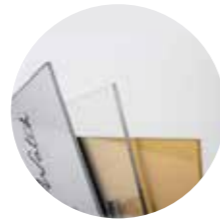
MATERIALS



Aluminum composite



Medium-density Fiberboard



Plexiglass



Pvc/Forex

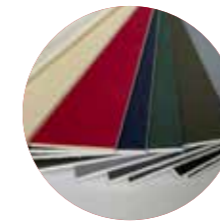


Green 40° - Bevel-Cut - (IHG)

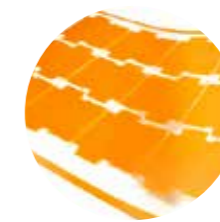
The 40° - Green head produces a bevel cut at 40° angle, ideal for both cutting small shapes and traditional bevel cutting. It cuts up to 2.3 mm (0,09"). Recommended for mat-board and polyester-based varnishing plates.

- **Universal Bevel cutting tool**
- **Pre-glued multi-layer matboards**
- **Intricated design cut**
- **Compatible with VersaTool Holder**

MATERIALS



Standard mat-board up to 2.3 mm (6ply)



Polyester-based Varnishing Plates



Suede Mat-board



Thin museum archival board

I-Heads To be combined with VersaTool



White 90° - Straight Cut & Kiss-Cut (IHW)

The 90° - White head has been developed to cut a wide range of materials up to a thickness of 6,3 mm (1/4"), but mainly for kiss-cut/half cut without damaging the liner of the material. It comes as standard with one pressure roller and a metal foot. It's ideal for vinyl, reflective sheets, grey board, rubber blankets, varnish blankets and plates.

- **Multi-purpose cutting head**
- **Kiss-cut tool**
- **Clean and precise cutting of self-adhesive vinyl without damage to liner**
- **Compatible with VersaTool Holder**

MATERIALS



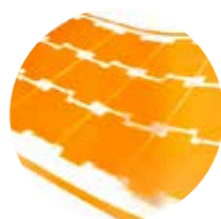
Grey board



Vinyl & adhesive



Varnishing plates and rubber blankets



Polyester-based Varnishing Plates

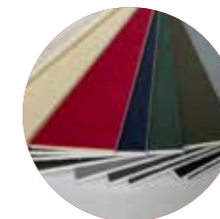


Blue 45° - Bevel-Cut - (IHB)

The 45° - Blue head produces a bevel cut at 45° angle. This head can cut up to **5 mm (3/16")** and performs V-Cutting as well. This application is highly demanded in the field of luxury packaging and more precisely to create rigid boxes. Excellent results are also obtained while cutting grey board and foamboard.

- **More pronounced Bevel Cut**
- **Ideal for high-end luxury boxes**
- **Fine edges on V-cuts**
- **Compatible with VersaTool Holder**

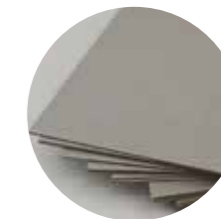
MATERIALS



Standard mat-board up to 5 mm (3/16")



Foamboard up to 5 mm (3/16")



Grey Board up to 5 mm (3/16")



Luxury packaging board



Purple - Embossing / Debossing - (IHP)

The Embossing/Debossing Head – Purple head includes 3 different tip types and it is used to create decorations by applying pressure on different materials. Any shape or design can be elegantly embossed/debossed on the surface of the material depending on its rigidity and consistency.

- Give your design another dimension
- Raise the surface of your design
- Ideal for braille applications
- Compatible with VersaTool Holder

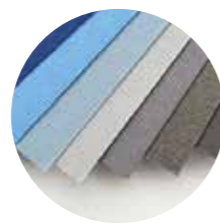
MATERIALS



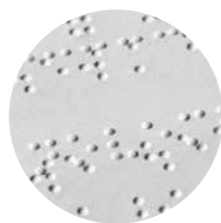
Standard mat-board up to 2.2 mm (6ply)



Coated and laminated paper



Folding Cardstock



Braille



Brown - Creasing/Scoring (IHBr)

The Packaging - Brown Tools set consists of one head with 9 wheels of various geometry, which have been developed for the packaging market for those who need to die cut cardstock, flute board, corrugated board and polypropylene. It has the same function of Universal Creasing Tool.

- Adjustable creasing pressure
- Clean and precise creases
- Wheels easy mount
- Compatible with VersaTool Holder

WHEELS AVAILABLE

- Set of creasers for Folding Cardboard (3 pcs)
- Set of creasers for Corrugated Cardboard (3 pcs)
- Set of perforating wheels (3pcs)

MATERIALS



Folding cardboard



Micro Corrugated Sheet



Polypropylene Honeycomb



Archival Corrugated Board

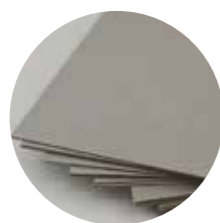


Grey 90° - Straight Cut - (IEH)

The 90° - Grey head has been developed to perform a straight cut on a wide range of materials up to a thickness of 5 mm (3/16"). It releases a perfect finishing results on folding and corrugated cardboard, vinyl adhesives, thin plastics and more. It has the same function of the multipurpose tangential knife.

- Universal Straight cutting tool
- It comes as standard with a metal and teflon foot
- Compatible with VersaTool Holder

MATERIALS



Grey-board



Multi-flute corrugated board



Paper Patterns



Cristal Adhesives

Brown - Creasing Wheels (Part of IHBr)

WHEELS



1 Perforating tool: Serrated cut wheel, Ø 32 mm, 2-1 mm step.



2 Blade tool: Metal wheel, Ø 32 mm diameter.



3 Perforating tool: Serrated cut wheel, Ø 32 mm, 3-1 mm step.



4 Scoring tool: 32 mm diameter, 2 mm round crest.



5 Scoring tool: 32 mm diameter, 1.5 mm round crest.



6 Scoring tool: 32 mm diameter, 1 mm round crest.



7 Scoring tool: 16 mm diameter, 0.7 mm round crest.

8 Scoring tool: 16 mm diameter, 1 mm round crest.

9 Scoring tool: 16 mm diameter, 1.5 mm round crest.

Fixed Tools



Multipurpose Drawing Tool (MDT)

On every machine it is possible to mount a fixed tool as a third or second optional tool depending on the machine model. The Multipurpose Drawing tool is very user-friendly since it takes standard drawing tools such as felt-tip pens and ballpoint pens.

- Available for Invicta, Optima, Integra and Omnia
- Precise on any type of writing or decoration
- Works with any type of pen
- Compatible with Fixed Tool Holder

MATERIALS



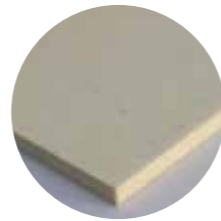
Mat-board



Cardstock



Paper Patterns



Woodboard



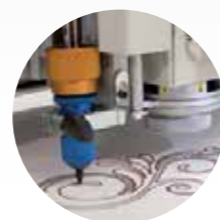
PEN CARTRIDGES



1 Bronze/Gold:
Upper and lower diameter
15-8.5 mm



2 Black/Red:
Upper and lower diameter
8.5-5.5 mm



3 Orange/Blue:
Upper and lower diameter
11-5.8 mm

SOFTWARE & PROGRAMS

What makes Valiani special is the ability to integrate innovative and extremely easy-to-use software solutions.

You can choose among different software and applications to make your Valiani perform at its best.



V-STUDIO

V-Studio is a suite of programs, developed to take full advantages of the Valiani cutting system. An innovative menu allows you to reach specific applications designed to create projects with absolute simplicity.



M3 & M3 ART

M3 and M3 Art software are the perfect way to start producing boxes and POP/POS Displays. Using their large parametric library, that includes models for folding carton, corrugated board, honeycomb board and rigid grey board, you have virtually endless possibilities.



OPTICROP

OptiCrop is the software that allows you to manage contour cut on pre-printed images and create endless application. Used in conjunction with a high-resolution camera, it allows you to identify crop marks, realign graphics to match them and adjust the print skew.



For more information scan the QR code or visit our website at www.valiani.com

V-STUDIO

THE SIMPLEST WAY TO REALIZE YOUR PROJECTS

V-Studio is the Valiani desktop application software, developed to improve the man/machine experience.

Thanks to an optimized design environment and equipped with innovative tools, users will be able to produce customized packaging models* and perform contour cuts with no efforts. This software allows the user not only to create new shapes, but also import graphic files from other programs, such as AI and Corel Draw.



CREATING

Work quickly and intuitively thanks to a coherent approach with the user interface in all its components.



MANAGING

Optimise the software usage by storing all your materials details including their specs, relevant tools and machine settings.



PERFORMING

Use the most common vector graphic programs to transfer your projects to Valiani machines and have them processed.



PROTECTING

Benefit from the new Cloud data saving system.



REASSURING

V-Studio updates are free and available to download from the Valiani support website or local dealer's website.



MATERIAL DATABASE

Optimise the software use by storing all your materials including their specs, tools and machine settings.

*with M3 and M3 Art softwares



For more information scan the QR code or visit our website at www.valiani.com



- Parametric Models
- POOL and Nesting Mode
- BarCode File Import
- VXML file format compatibility
- Packaging software integration
- Over than 1.200 Clip Art
- Vector file importation
(SVG, .PLT, .DXF, .CF2, .HPGL, .XML, .PDF)



M3 & M3 ART

EVERYTHING YOU NEED TO REALIZE POP / POS DISPLAYS AND PACKAGING

M3 and M3 Art software are the perfect way to start producing boxes and POP/POS Display. Using their large parametric library, that includes models for folding carton, corrugated board and rigid honeycomb board, you have virtually endless possibilities.

m3

is a complete library of parametric models and designs, specially designed for Valiani cutting machines. M3 is structured to give the possibility to modify, resize and cut boxes, displays and other 3D objects made with cardboard and many packaging materials.

m3 art

is a combination of features that allows graphic designers the flexibility to work directly in Adobe Illustrator using file boxes or POP / POS displays and benefiting from their parameterization. Native m3 files can be opened in Illustrator

without conversion and can be processed within the same work environment. Focusing on the visual aspect of the design process, m3 Art offers intuitive 3D prototyping and realistic visualization of the different types of material, printing and finishing. This integration allows graphic and CAD software to complement each other by increasing productivity without requiring any effort.



For more information scan the QR code or visit our website at www.valiani.com



m3



M3 Library of Packaging Designs

The m3 Library of resizable packaging standards comes with approx. **600** parametric designs for folding carton, corrugated board, grey board and PVC.

- A parametric library available both in millimeters and inches
- Integrated Index file with sections for different materials
- Support of the ECMA and FEFCO standard designs
- Resizing and automatic structural modification by parameter editing





m3 art

M3 Art Library of packaging design

The m3 ART Library of resizable packaging standards has accumulated around **1.500** parametric designs for folding carton, corrugated board, grey board, rigid honeycomb board and PVC. Together with the **500** patterns of displays, the user has approx. **2000** available templates. The full ECMA and FEFCO codes have been parametrized and included in the Library among many others. A parametric Library available both in millimeters and inches.

- Resizing and automatic structural modification by parameter editing
- Predefined 3D models of parametric designs
- Integration with Adobe Illustrator allows opening resizable designs directly in the graphic software

M3 ART Library of Displays

The m3 ART Library of displays and multipart structures includes over **500** resizable designs for corrugated board and rigid board materials. The 2D and 3D designs can be opened in the M3 ART CAD software or directly in Adobe Illustrator, where graphic designers can create the graphics and generate production files with high resolution images.

- POP/POS structures come as free-standing displays, counter displays, walls, stands, furniture
- Design recalculation takes place automatically after material thickness is changed. This minimizes design time and eliminates repetition-induced errors
- Multiple-material structures are featured
- 3D folding sequences are integrated into display library designs for complete presentations. They can also be used for assembly instructions

Only m3 art



Integration with Adobe Illustrator

M3 ART packaging software is integrated with Adobe Illustrator*. The **plug-in** lets graphic designers easily apply artwork onto structural drawings. Verifying the results in the 3D environment happens quickly and without efforts.

Only m3 art

3D Presenter

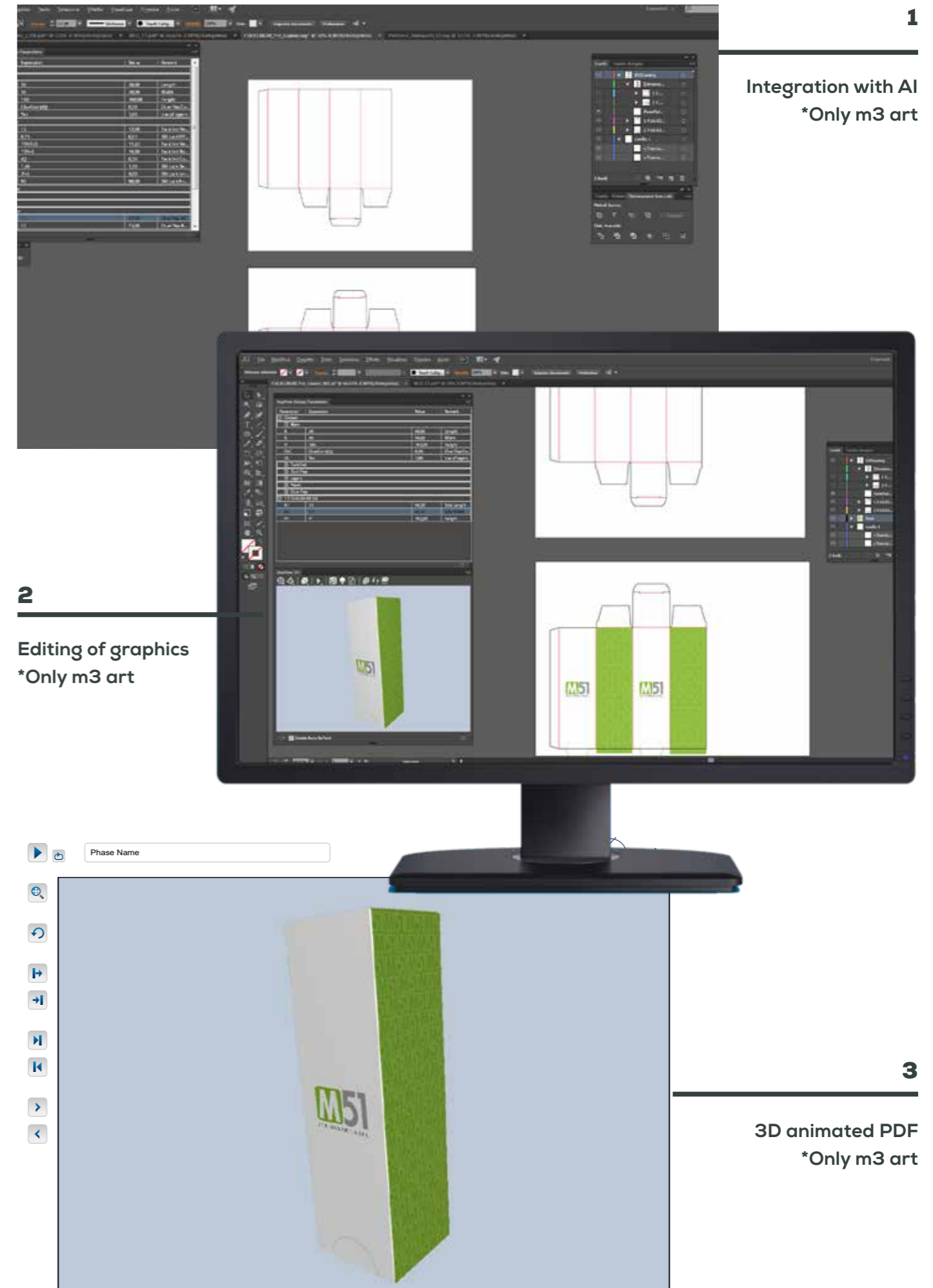
The 3D module allows realistic visualization and proofing of the 2D structure and artwork of packaging and POP/POS displays. At every step of the creation process, the designer can see the changes apply in 3D and share the prototype with colleagues and clients.

- Definition of the folding sequence, navigation and animation of the 3D model
- Insertion of 3D parts for assembling multiple POP/POS displays and structures
- 3D dimensioning
- Realistic visualization of materials with their folded and cut edges
- Generation of 3D animated PDF for easy sharing with customers

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LEGEND

1. Template can be edited and resized directly in Adobe Illustrator
2. Graphics can be applied directly on AI and visualize thru the 3D presenter
3. A 3D animated PDF can be generated to share the final project



OPTICROP

GIVING SHAPE TO PRINTS

ADVANCED CROP MARK DETECTION SYSTEM

OptiCrop is the software that allows you to manage contour cut on pre-printed images and create endless application. Used in conjunction with a high-resolution camera, it allows you to identify crop marks, realign graphics to match them and adjust the print skew.



CROP MARK DETECTION

Once the camera is positioned on the first printing mark, OptiCrop automatically detects the 2nd, 3rd and 4th marks, redrawing the artwork according to its position on the cutting table. Retry mode is a time saving feature that allows the user to repeat the crop mark acquisition cycle should they not be found at the first attempt.



PRINT ALIGNMENT

Through the crop mark detection Opticrop is capable to straighten the cutting trace and compensate any print distortion. This operation can be performed on a single sheet or even on multiple sheets. Number of crop mark determines the precision of contour cutting. 4-crops ensure maximum precision for any kind of distortion, whereas 2 -3 crops can be faster but with limited compensation.



VECTOR FILE IMPORT

OptiCrop works with .SVG (Adobe Illustrator or Corel Draw), .VXML, and PDF files.

OptiCrop works with vector files, it is possible to set-up plotting process using different pen colors on your artwork. It is also possible to use group function and layers to optimize work flow. This feature also recognizes different colors and allows the user to set-up halftone colors.



For more information scan the QR code or visit our website at www.valiani.com



- Straightening cutting process available up to +/- 44°
- QRcode import - QRcode can be used to identify the job and automatically load it. QR code can be acquired directly by the built-in camera
- Barcode import - Barcode can be used to import file
- Squared and rounded shape crop marks, whether black or even white on a dark background
- Customizable registration crop mark sizes
- Mirror Mode for Reverse side processing
- Quick crop mark detection time
- Print distortion compensation

Customer Experience Center

"From Briefing to Experience: from this concept comes the idea of creating a place to support our customers and present our latest products and technologies but, above all, to truly connect customers with our organization. We recognize that customers want more than to be talked to – they want an experience that feels both personal and authentic."

Nico Valiani



Live a fully personalized experience

Your time is valuable. This is why We work to provide any customer a unique and personalized experience, for which our team will work directly with you to identify the objectives of the meeting before the visit.



Interact with experts

Whether you want to have a deep discussion on a particular machine in the Valiani portfolio, or a deeper conversation about the available tools, the type of material the machine can cut or additional software, you'll be directed to the right products.



Discover industry trends

Industries are evolving every day, and so are the need for improved technology. Our teams regularly conduct and review market research on each of the industries we serve, to provide you a deep understanding of the important trends that are likely to impact your business. Then we can discuss how you can best respond to them to capture and preserve your edge for the years to come.

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