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 industries, 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 are 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 only 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**.
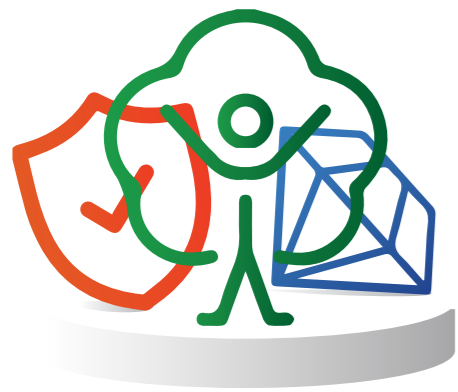
ONLY WITH US

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 ENI 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 CO_2 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

![treedom® | friend]

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 & 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 & 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.

THEY TRUST US

MUSÉE DU LOUVRE

MUSEI VATICANI

M'O Musée d'Orsay

ГОСУДАРСТВЕННЫЙ ЭРМИТАЖ
The State Hermitage Museum

SFMOMA

TNM 東京国立博物館
TOKYO NATIONAL MUSEUM

New York Public Library

kiasma_

THE WHITE HOUSE
WASHINGTON

GETTY Conservation Research Foundation Museum

NATIONAL GALLERY OF ART U.S.A.

Materials

**COUNTLESS MATERIALS,
ENDLESS 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
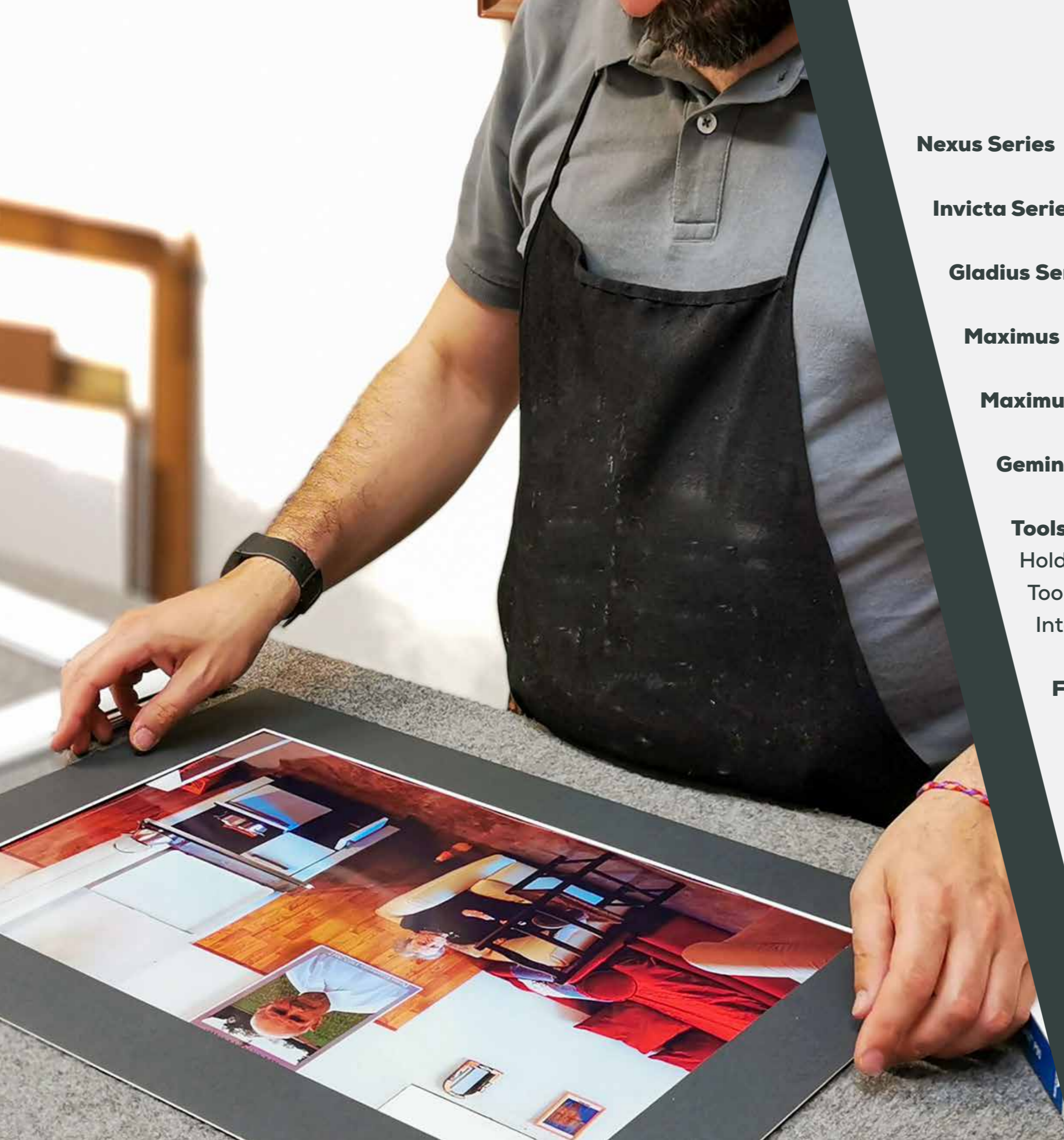and from small to medium productions.

Industries

**CHOOSE THE IDEAL CUTTING
MACHINE FOR YOUR INDUSTRY**

Suitable for different industries and businesses

Our cutting machines feature amazing flexibility
and works equally well for many different industries.
Not only can they be used for picture framing,
but also for package prototyping for short and medium
runs, digital & offset printing, architectural models
and many other market segments.
In a few words, we have the right solution
for every production need.

Index

NEXUS SERIES

DEFINE A NEW WAY OF MOUNTBOARD CUTTING: COMPACT, VERSATILE AND PERFORMING

The **Nexus** generation of mat cutting machines represents the latest evolution of years of experience in developing and building equipment for the framing industry. Thanks to the robust frame structure and the possibility of customization through a wide range of tools, Nexus is a machine that can be used to meet different production standards and applications. Nexus **reduces your work time by more than 50%** compared to manual work, improving precision and consistency, but above all unleashing your creativity.
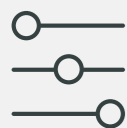
100% YIELD = 0 WASTE
The Button Clamp system allows you to trim your mat-board right to the edges, optimizing the material yield and leave no marks on your mat-board!

CUT ALL YOU NEED
Virtually endless cutting possibilities! From thin to very thick mat-board, simple to intricate objects, face up or face down, beveled or straight.

ADJUSTABLE STAND
Space is no longer a problem with the Multi-position Stand**.
Adjust it as you wish!

** Optional

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

valiani

YEARS
5
WARRANTY

Main Applications

- Multiple layers mat-boards
- From Thin to Thick mat-board
- Letters & Text
- French Line
- Memorabilia

Materials

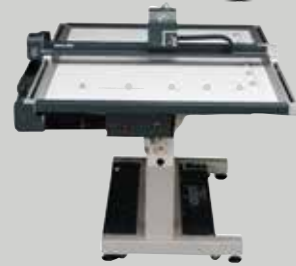- From 4 to 12 ply mat-boards
- Foam Board (up to 3/16")
- Gator board
- Corrugated cardboards
- Grey Chip board

Nexus Series

Adjustable Multi-Position Stand

Thanks to the multi-position stand, space is no longer a problem. You can adjust it horizontally, angled or vertically.

3
POSITIONS**

FLAT   ANGLED   VERTICAL

** Available only with Multi-Position Stand (optional)

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

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

- **i-Series Tool Holder**
- **Fixed Tool Holder**

ITH
FTH

Technical Data

Nexus Series Models	120	150
Cutting Size	1220x813 mm (48x32")	1524x1016 mm (40x60")
Width	1780 mm	2080 mm
Depth	1420 mm	1520 mm
Height	1295 mm	1495 mm
Weight	210 kg	248 kg
Max Speed	415 mm/s	
Acceleration	0,5 m/s²	
Power Requirements	Single Phase - 100/240V 50/60Hz 6A	
Power	0,65 KVA	
Air pressure Requirements	6 Bar/90 PSI 3,50 CFM	
File Format	SVG, .PLT, .DXF, .CF2, .HPGL, .XML, .PDF	
Tool Change	Manuale	
Tools Available	90°, 45°, 40°, Embossing, cordonatore, penna	
Tools Holder	1 + 1F	
Connectivity	USB 2.0/Bluetooth	
Data Buffer	PC esterno (non incluso)	
Media Hold System	Bloccaggi pneumatici a scomparsa	
Fixed Tool	Porta Penna (Opzionale)	
Feeder Capacity	NA	
Cutting Capacity	0.1 > 5 mm con testa di taglio 90° tangenziale	
Repeatability	≤0.1 mm	
S.O. supportati	Windows 7, 10, 11	
CropMarks Rec.	NA	

Stand Multi-posizione

Dimensions		Normale		Piano		Verticale	
	Mod.	120	150	120	150	120	150
	W.	1780 mm (70")	2080 mm (82")	1780 mm (70")	2080 mm (82")	1780 mm (70")	2080 mm (82")
	H.	1360 mm (53,5")	1460 mm (64,5")	1394 mm (54,8")	1594 mm (62,3")	1850 mm (72,8")	2050 mm (80,7")
	D.	1540 mm (60,6")	1790 mm (70,5")	900 mm (35,4")	1100mm (43.3")	850 mm (33,4")	908 mm (35,8")

INVICTA SERIES 80/120/150

## COMPACT CUTTING MACHINE WITH INVINCIBLE VERSATILITY

Invicta is an innovative digital cutting system belonging to the Valiani line of machinery for the framing industry. Its unique features and its **extreme versatility** give 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.

This extreme flexibility makes this machinery the ideal piece of equipment for each **professional framer** wishing to start a new business in the framing market.

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.
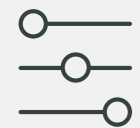
COMPACT, VERSATILE AND EASY-TO-USE
Invicta comes in different sizes, all with vacuum table and pneumatic clamping system, an optional camera for print cropmark detection and operating software. The sturdy design of the machine allows to cut precisely and efficiently any material. A bunch of optional 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

- From 4 to 12 ply mat-boards
- Foam board (up to 3/16)
- Gator borad
- Corrugated cardboard
- Grey chip board
- Vinyl

Main Applications

- From thin to thick mat-boards
- Memorabilia
- Die-Cutting of Digital & Offset Prints
- Box and Packaging Production
- Photo albums
- Decals and stickers

5 YEARS WARRANTY

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

Invicta Series

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

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/s²		
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)		

GLADIUS SERIES

THE CUTTING MACHINE FOR EXTRA-LARGE FORMATS

Gladius, with a working surface of 1550 x 2650 mm, allows to realize **cutting operations** on **extra-large material formats**. Gladius is part of the large cutting machines of the Valiani line and is available into plenty of configurations.
It is the only machine in the market capable of cutting up to **155x265 cm (60x104"),** guaranteeing accuracy and working flexibility.

A solid structure and the valuable components ensure a high quality even for the most demanding customers. The Valiani **interchangeable heads system** allows to choose the best configuration for each need. Gladius is equipped with a mechanical clamping system for a perfect hold of materials, a vast array of customization possibilities and an unparalleled cutting ability that make it a safe investment, both for those who need an extra-large working area and for those seeking high productivity.

XXL SIZE
When sizes matter. The oversize cutting surface (155x265 cm - 60x104") guarantees a unique cutting capacity with respect to other market options.

COMPATIBLE WITH INTERCHANGEABLE HEADS
Changing Heads is quick and simple with the patented magnetic system. Remove the head by releasing the magnetic seal, fit a different cutting head and get on with the next job!
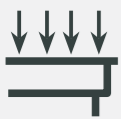
VACUUM
Gladius Series is available with vacuum table as well.

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

5 YEARS WARRANTY

XXL MAT-BOARD

Main Applications

- Multiple layers mat-boards
- XXL mat-board
- From Thin to Thick mat-board
- Up to 5 mm Foam board
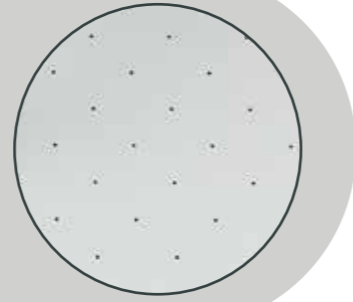- Conservation or archival Boxes
- Memorabilia

Materials

- From 4 to 12 ply mat-boards
- Foam Board (up to 3/16")
- Gator board
- Corrugated cardboard
- Grey Chip board

Gladius V

The Gladius Series in its standard version is equipped with button clamps system. Also available with vacuum-assisted table.

Gladius Series

Tools available
Gladius can be equipped with all tools compatible with the following tool holders:
• **i-Series Tool Holder**

ITH

FEATURES

• Oversized mat-board storage

• Great entry-price

• Cutting several sheets at the same time

• Manage the processing and cutting of mat-boards of different

   sizes and thicknesses

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.

Technical Data

Gladius Series Models	XXL
Cutting Size	2650x1530 mm (104x50")
Width	3520 mm (138.5")
Depth	2186 mm (86")
Height (Flat position)	900 mm (35.5")
Height (Angled position)	1898 mm (74.7")
Weight	430 kg (947 lbs) - V Series 660 kg (1455 lbs)
Max Speed	415 mm/s
Aceleration	0,85 m/s²
Power Requirements	Single Phase - 100-120-230V 7/6/3A 50/60Hz
Power	0,7 KVA
Air requirements	6 Bar/90 PSI 3,50 CFM
File Format	SVG, .PLT, .DXF, .CF2, .HPGL, .XML, .PDF
Tool Change	Manual
Tools Available	90°, 45°, 40°, Embossing, Creasing and Drawing tool
Tools Holder	1
Connectivity	USB 2.0
Data Buffer	External PC
Media Hold System	Pneumatic Button clamps and air suction on V series
Fixed Tool	Pen (optional)
Feeder capacity	NA
Capacità di Taglio	0.1 > 5 mm with tangential cutting tool
Repeatability	≤0.1 mm
Supported OS	Windows 7,10
CropMarks Rec.	NA

MAXIMUS SERIES

A PROFESSIONAL AND VERSATILE EQUIPMENT FOR EXPERT FRAMERS

The Maximus series represents a complete solution for passe-partout cutting both **for medium and high levels of production**. The machine is equipped with a quick head change system which translates into the possibility of making straight and bevelled cuts without any downtime. Additionally, it will be extremely easy to add an oscillating vibrating knife, enabling to cut up to **20 mm** in thickness, which makes this flatbed system consistent with any framing and packaging need.

The Maximus series is built following high-quality standards, using components of proven reliability and with the aim of providing a high-performance machinery that lasts over time and guarantees extreme precision. Perfect for framers with medium to high production volumes as well as for public and private institutions engaged in **the restoration and conservation of works of art, which require durable and heavy-duty equipment**. The Maximus series can be integrated with a third stationary tool for pen plotting, and if you need to cut materials with a thickness greater than 5mm than a pneumatic oscillating head.

EXCELLENCE AT HIGH SPEED
Due to its advanced design and top-class components, Maximus is remarkably versatile and flexible to perform any cutting requirement at the highest speed in this line of machines.

SMART TOOLS CONFIGURATION
Beside the excellent cutting performance, the biggest advantages of the system is the fact that the machine is equipped with 2 independent cutting heads plus a permanent drawing tool*.
*Optional

BE CREATIVE
The Oscillating Cutting Knife, available for each model belonging to the Maximus Series, allows a cutting depth of up to 2 cm (3/4") in thickness, which makes this flatbed system consistent with any framing and packaging need.

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

Main Applications

- Nesting and pooling
- Up to 20 mm Foamcore
- Multiple layers mat-boards
- Photo Albums
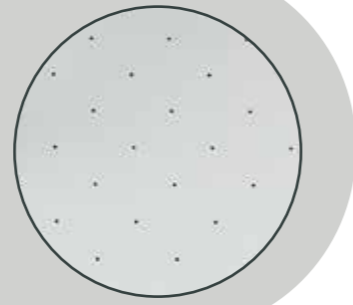- Conservation or archival Boxes
- Memorabilia

Materials

- From 4 to 12 ply mat-boards
- Foam Board (up to 20 mm 3/4" with oscillating tool)
- Gator board
- Corrugated cardboard
- Grey Chip board

Maximus V

The Maximus Series in its standard version is equipped with button clamp system. Also available with vacuum-assisted table.

Maximus Series

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

- **Multifunctional Tool Holder**
- **i-Series Tool Holder**
- **Fixed Tool Holder**

MTH **ITH** **FTH**

Pneumatic Oscillating Cutting Tool

Powerful pneumatic vibrating tool for cutting any shapes and various strengths of materials up to 20 mm (3/4").

CUT UP TO
20 MM
(3/4")
IN THICKNESS

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.

Technical Data

Maximus Series Models	80	160	250
Cutting Size	813x1230 mm (32x48")	1630x1230 mm (64x48")	2500x1230 mm (98.4x48")
Width	1430 mm (56")	2230 mm (88")	3010 mm (118.5")
Depth	1830 mm (72")	1830 mm (72")	1830 mm (72")
Height	1200 mm (47.2")	1200 mm (47.2")	1200 mm (47.2")
Weight	170 Kg (375 lbs)	190 Kg (419 lbs)	220 kg (485 lbs)
Weight Vacuum Series	220 kg (485 lbs)	302 kg (666 lbs)	470 kg (1036 lbs)
Max Speed	840 mm (33")/Sec		
Acceleration	1 m/s^2		
Power	1,7 KVA	1,7 KVA	2,8 KVA
Power Requirements Vacuum Series	Single Phase EU 230V/200-208V 50/60Hz -8A - 9/8,5A	Single Phase EU 230V/200-208V 50/60Hz -8A - 9/8,5A	Triphase EU 230V/200-208V 50/60Hz - 16A - 9/8,5A
Power Requirements	Single Phase - EU 100/120/230V - 50/60Hz - 6.5/5.5/3A		
Power	650VA		
Air requirements	6 Bar/90 PSI 3,50 CFM - 8 Bar/115 PSI (with oscilating tool)		
File Format	SVG, .PLT, .DXF, .CF2, .HPGL, .XML, .PDF		
Tool Change	Manual		
Tools Available	90°, 45°, 40°, embossing, creasing and drawing tool		
Tools Holder	2 + 1F		
Connectivity	USB 2.0 (Ethernet*)		
Data Buffer	External PC		
Media Holding System	Pneumatic Button clamps + air suction on Vacuum series		
Fixed Tool	Pen (optional)		
Feeder Capacity	NA		
Cutting Capacity	0.1 › 5 mm (3/16") with tangential cutting tool 0.1 › 20 mm (3/4") with oscillating cutting tool		
Ripetibilità	≤0.1 mm		
Supported OS	Windows 7, 10, 11		
CropMarks Rec.	Camera + Software (Optional)		

* Models ≥ 2022

MAXIMUS V 265

XXL MAT-BOARD

BIG LIKE NO OTHER

Maximus V 265 combines plenty of innovative functions with a large cutting surface, resulting in a one-of-a-kind solution aiming at drastically reducing production times and at the same time enhancing cutting possibilities. Maximus, with its large 155 x 265 cm (61x104.5") cutting area and virtually limitless combination of tools, guarantees unparalleled flexibility and longevity. **The vacuum table allows you multitask jobs** and decrease downtime. Ideal for oversized mat-boards and large nesting, it also **grants high efficiency and precision** with all kind of framing applications.

MULTIPLE TARGETS
Maximus V 265 is designed for fast and precise processing of oversized mat-boards. An effective vacuum bed holds down securely any kind of mat or other materials and a camera for crop marks detection can be mounted as an optional.

PNEUMATIC OSCILLATING CUTTING TOOL
A Powerful pneumatic vibrating tool to cut various types of materials up to 20 mm (3/4") is available on request.

THE ONE AND ONLY
Maximus V 265 is the only machine capable to cut large format works of extraordinary quality, thus meeting Museums and Art Galleries standard panoramic photo mats.

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.

Main Applications

- XXL mat-boards
- Panoramic mats
- Custom picture matting
- Conservation or archival Boxes
- Memorabilia
- Thick foam-board

Technical Data

CUTTING SIZE 265X155 cm (104.5X61")

Maximus Series Model	265 V
Cutting Area	2650x1550 mm (104x61")
Width	3635 mm (143")
Depth	2149 mm (84,6")
Height	1206 mm (47,4")
Weight	290 kg (639 lbs)
Weight Vacuum Series	550 kg (1212 lbs)
Max Speed	840 mm (33")/Sec
Acceleration	1 m/s²
Power	4,5 KVA
Power Requirements V-Series	Triphase - 400V/230V 50/60 Hz - 12A/22A
Power Requirements	NA
Air requirements	6 Bar/90 PSI 3,50 CFM - 8 Bar/115 PSI (with oscilating tool)
File Format	SVG, .PLT, .DXF, .CF2, .HPGL, .XML, .PDF
Tool Change	Manual
Tools Available	90°, 45°, 40°, embossing, creasing and drawing tool
Tools Holder	2 + 1F
Connectivity	USB 2.0 (Ethernet*)
Data Buffer	External PC
Media Holding System	Pneumatic Button clamps + air suction on Vacuum series
Fixed Tool	Pen (Optional)
Feeder Capacity	NA
Cutting Capacity	0.1 › 5 mm (3/16") with tangential cutting tool 0.1 › 20 mm (3/4") with oscillating cutting tool
Ripetibilità	≤0.1 mm
Supported OS	Windows 7, 10, 11
CropMarks Rec.	Camera + Software (Optional)

* Models ≥ 2022

Utensili disponibili
Maximus V 265 can be equipped with all tools compatible with the following tool holders:

- Multifunctional Tool Holder
- I -Series Tool Holder
- VersaTool
- Fixed Tool Holder

GEMINUS SERIES

DUAL WORKSTATION, HIGH CUTTING SPEED AND PRODUCTIVITY

The Geminus series offers unique cutting **precision** and **quality** at very **high speeds**. It is intended for companies with significant levels of production, as it perfectly combines speed with reliability. Thanks to an extremely solid structure the machine is able to manage complex workflows and ensure 24/7 operation.

The Geminus series represents the highest performance in mat-board cutting. All the best characteristics of Valiani machinery are present in this machine. The Geminus is available with a **dual head** system, fold-away **pneumatic clamping system**, **vacuum** or non-vacuum table, real **dual workstation**, fixed **pen holder** and a **camera** for crop mark detection.

Geminus is compatible with the **patented Valiani interchangeable head system**, which allows you to configure the machine to accomplish the most complex jobs on a wide range of materials, up to a maximum thickness of 20 mm.

MOVE FASTER
A stronger Y-axis, a more powerful motion controller, stepper motors with encoder, and a redesigned cutting head assembly make the Gemimus one of the **fastest machines** in the industry.

DOUBLE PRODUCTIVITY
Using 2 workstations allows you to process a job in the **left zone** and at the same time load the **right one**. The cut pieces can be removed while the machine cut on the right zone and Zone Left reloaded; All to ensure a seamless workflow.

CUTTING-EDGE TECHNOLOGY
Thanks to almost 50 years' experience in engineering, producing and delivering cutting machines, we use only the highest quality components providing reliable operation, low maintenance cost and a long service life.

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

DUAL BAY

Main Applications

- Nesting and pooling
- Up to 20* mm Foamcore
- XL and XXL mat-board
- Multiple layers mat-boards
- Mass Production
- Memorabilia
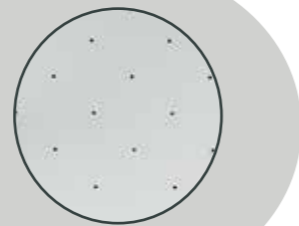
*with oscillating cutting tool

Materials

- From 1 to 12 ply mat-boards
- Foam Board
  (up to 5 mm - 3/16")
- Gator board
- Corrugated cardboard
- Grey Chip board

Geminus V

The Geminus Series in its standard version is equipped with button clamp system. Also available with vacuum-assisted table.
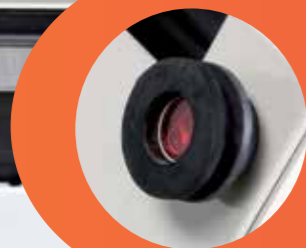
Geminus Series

SAFETY FIRST

Infrared safety sensors ensure maximum protection in every phase of production. Mounted on the front, they offer the user complete protection on both the left and right workstations.

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

• **i-Series Tool Holder**   • **Fixed Tool Holder**

ITH

FTH

Technical Data

Geminus Series Models	190	250
Cutting Size	1900x1250 mm (48.2x49.2")	2500x1250 mm (98.x49.2")
Width	2700 mm (106")	3635 mm (143")
Depth	2020 mm (79.5")	2211 mm (87")
Height	900/1200 mm (35.4/47.2")	900 mm (35.4")
Weight	290 kg (639.3 lbs)	510 kg (1124.3 lbs)
Weight Vacuum Series	340 kg (749.5 lbs)	580 kg (1278.6 lbs)
Max Speed	1.200 mm (47.2")/s	
Acceleration	1.5 m/s^2	
Power Requirements	Single Phase 230V 50/60Hz – 5A	
Power	1 KVA	
Power Requirements V-Series	Triphase + PE 200-400-415-440 Volt 50/60Hz -20/10/9,6/9A	
Power	4 KVA	
Air requirements	6 Bar/90 PSI 3,50 CFM	
File Format	SVG, .PLT, .DXF, .CF2, .HPGL, .XML, .PDF	
Tool Change	Manual	
Tools Available	90°, 45°, 40°, embossing, creasing and drawing tool	
Tools Holder	2 + 1F	
Connectivity	USB 2.0	
Data Buffer	PC esterno	
Media Holding System	Pneumatic Button clamps + air suction on Vacuum series	
Fixed Tool	Pen (optional)	
Feeder Capacity	NA	
Cutting Capacity	0.1 › 5 mm (3/16") with tangential cutting tool	
Ripetibilità	≤0.1 mm	
Supported OS	Windows 7, 10, 11	
CropMarks Rec.	Camera + Software (Optional)	

TOOLS
& HOLDERS

The combinations between Tools and Holders make your 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 applications.This reduces the time of tool changeover and boost productivity.

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

INTERCHANGEABLE HEADS
(TO BE COMBINED WITH I-SERIES TOOL HOLDER AND VERSATOOL)
Valiani has an array of **Interchangeable Heads** for the entire line of computerized cutters. These heads are retained and positioned on the cutting head assembly by means of several small, yet powerful magnets, which make locking fasteners and hardware unnecessary.
A specialized wedge–fork tool is supplied that makes removal of each head easy, safe and fast in under 10 seconds. 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	**ITH**	**VTH**	**FTH**	**Tool Holders**
Multifunctional Tool Holder	i–Series Tool Holder	Versa–Tool Tool Holder	Fixed Tool Holder	

NE	**IN**	**MA**	**GL**	**GE**	**Machines**
Nexus	Invicta	Maximus	Gladius	Geminus	

Holders

Multifunctional Tool Holder - (MTH)   (IN) (MA)

The Multifunctional Tool Holder is designed to fit many different tools. The versatility 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 creaser pressure. Holder can be operated in pressure or position mode.

- **Quick Tool Change and No calibration needed**
- **High Precision Adjustment Setup**
- **Long Life & Heavy-Duty**
- **Available for Maximus and Invicta Series only**

i-Heads Tool Holder – (ITH)   (NE) (MA) (GL) (GE)

The i-Heads Tool holder is designed to fit all interchangeable heads series. The innovative magnetic sealing system makes cutting heads change very easy and quick.
The magnetic locking system and the diapason fork allow for quick tool changes without the need of a screwdriver and additional calibration. The Tool holder has two type of adjustment: position mode and blade depth. Both adjustable by tenth of millimeter for an "absolute" precision.

- **Quick Tool Change and no calibration needed**
- **High Precision Adjustment Setup**
- **Low investment/High Return**
- **Available for Nexus, Gladius, Maximus and Geminus Series**

VersaTool Holder – (VTH)   (IN)

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 straight and v-cut on any mat-board, kiss-cut on vinyls and adhesives. Thanks to the patented magnetic 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 and no obsolescence**
- **Available for Invicta Series only**

Fixed Tool Holder - (FTH)   (NE) (IN) (MA) (GL) (GE)

On some 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 every matboard, cardboard and paper pattern.

- **Compatible with Nexus, Invicta, Gladius, Maximus and Geminus Series**

Tools

Powerful Pneumatic Oscillating knife (PPO)

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

- **Powerful and low maintenance pneumatic tool**
- **8 mm stroke/ 8.000 Bpm**
- **20 mm (3/4") cutting capacity***
- **Compatible with MTH**

Blade type:
oscillating round shank blades

*Depending on material rigidity

MATERIALS
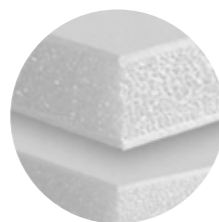
| Honeycomb board | Gatorboard | Foamboard | Backing board |

Multipurpose Tangential Drag knife – (MTD)

For folding and corrugated cardboard, vinyl, thin plastics and more. The Drag cutting tool is a precise multi depth tool capable to handle material up to 5 mm (3/16") thick. The drag knives allow to cut at full speed releasing very high-quality finishing. Available only for Invicta. For the other machines just use the grey tangential head.

- **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 |
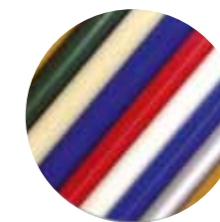
High-speed Pneumatic Oscillating knife (HPO)

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 soft material at higher speed, reaching excellent quality level.

- **High performance**
- **8 mm stroke/15.000 Bpm**
- **20 mm (3/4") cutting capacity on thinner materials***
- **Compatible with MTH**

Blade type:
oscillating flat blades

*Available for Maximus and Invicta only

MATERIALS

| Multi-flute Corrugated board | Textile & Leather | Foam-board | Micro Corrugated Sheet |

Heavy-Duty Tangential Drag knife - (HTD)*

For grey and display board, plastics and cardstocks. The Heavy-Duty cutting tool is a stronger tool capable to match the performance of the multipurpose tool with a stronger cutting force that make it the ideal solution for cutting though material up to 5mm (3/16") thick.

- **Ideal for hard material**
- **High-quality cutting**
- **5 mm (3/16") cutting capacity**
- **Compatible with MTH**

Blade type:
Pulling flat blades

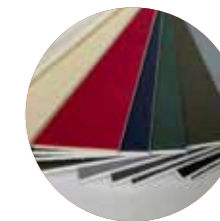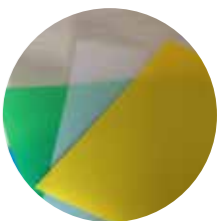***Available on Maximus only (Included)**

MATERIALS

| Museum cardboard | Display-board | Mat-board up to 5 mm (3/16") | Thin PVC |

Universal Creasing Tool – (UCT)

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

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

*Available for Invicta only

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

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 type fisher ball point.
This tool is ideal to label materials such as cardstock or leather with text, marks or symbols.

- **High speed**
- **Quick pen change**
- **Custom-made picture framing**
- **Compatible with MTH**

*Available for Maximus only

MATERIALS
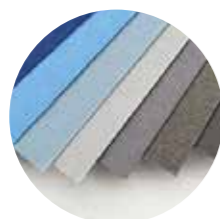
Folding Cardstock
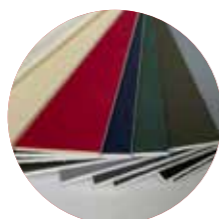
Any Mat-board

Polycarbonate

I-Heads

To be combined with I-Series tool holder and 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 5 mm (3/16").

It comes as standard with one pressure rollers and a metal foot. It's ideal for vinyl, reflective sheets kiss-cut and rubber blankets, varnish blankets and varnish plates.

- **Multi-purpose cutting head**
- **Kiss-cut tool**
- **Compatible with I-Series Holder and VersaTool**

MATERIALS

Mat-board and spacers up to 6,35 mm (1/4")
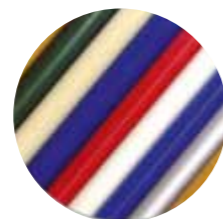
Vinyl and adhesive (Vacuum assisted table)

FoamBoard up to 5 mm (3/16")

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 (6 ply). Recommended for mat-board and polyester-based varnishing plates.

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

MATERIALS

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

Double Mat-board

Suede Mat-board

Museum archival board

Red 45° - Bevel Cut – (IHR)

The 45° – Red head produces a bevel cut with 45° angle.

This head works effectively on materials with a maximum thickness of 2.3 mm (6ply).

- **45° bevel cut**
- **More pronounced Bevel Cut**
- **Handle thinner and softer materials**
- **Compatible with I-Series Holder and VersaTool**

MATERIALS

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

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

Suede Mat-board

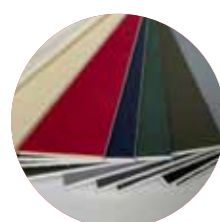## Blue 45° - Bevel-Cut - (IHB)

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.

- **More pronounced Bevel Cut**
- **High precision on V-Cut**
- **No limitation in thickness**
- **Compatible with I-Series Holder and VersaTool**

MATERIALS

Any Mat-board up to 5 mm (12 ply)

FoamBoard up to 5 mm (3/16")

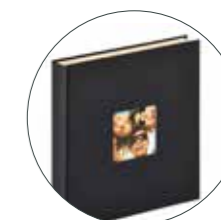**Grey Board up to 5 mm (3/16")**

Photo album

Purple - Embossing / Debossing - (IHP)

The Embossing/Debossing Head – The Purple head 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 Mat-board decorations**
- **Compatible with I-Series Holder and VersaTool**
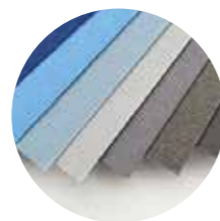
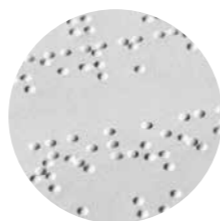*TIPS AVAILABLE*
4 different size tips

MATERIALS
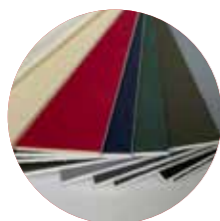
Any mat-board

Decoration on Mat-board

Folding Cardstock

Braille

Brown – Creasing - (IHBr)

The Packaging 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.

- **Adjustable creasing pressure**
- **Clean and precise creases**
- **Wheels Easy Mount**
- **Compatible with I-Series Holder and VersaTool**

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

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, 32 mm diameter, for scoring polypropylene 250 ÷ 500gr.

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

4
Scoring tool: 32 mm diameter, 2 mm round crest, tool for creasing corrugated cardboard.

5
Scoring tool: 32 mm diameter, 1.5 mm round crest, tool for creasing corrugated cardboard.

6
Scoring tool: 32 mm diameter, 1 mm round crest, tool for creasing corrugated cardboard.

7 Scoring tool: 16 mm diameter, 0.7 mm round crest, flat board & E flute creasing wheel.

8 Scoring tool: 16 mm diameter, 1 mm round crest, flat board & E flute creasing wheel.

9 Scoring tool: 16 mm diameter, 1.5 mm round crest, flat board & E flute creasing wheel

Grey 90° - Straight Cut - (IEH)

The 90° – Grey head is commonly referred as the "standard" tool for Valiani cutting machines.
It can be used on a wide range of materials with thicknesses up to 5 mm (3/16").

- **Universal Straight cutting tool**
- **Up to 5 mm (3/16")**
- **Ideal on any mat-boards**
- **Compatible with I-Series Holder and VersaTool**

MATERIALS

Grey-board	**Photo Albums**	**Any Mat-board**	**FoamBoard up to 5 mm (3/16")**

Fixed Tools

Multipurpose Drawing Tool (MDT)

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

- **Available for Nexus, Invicta, Gladius, Maximus & Geminus Series**
- **Precise on any type of writing or decoration**
- **Works with any type of pen**
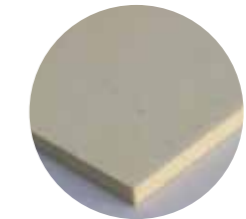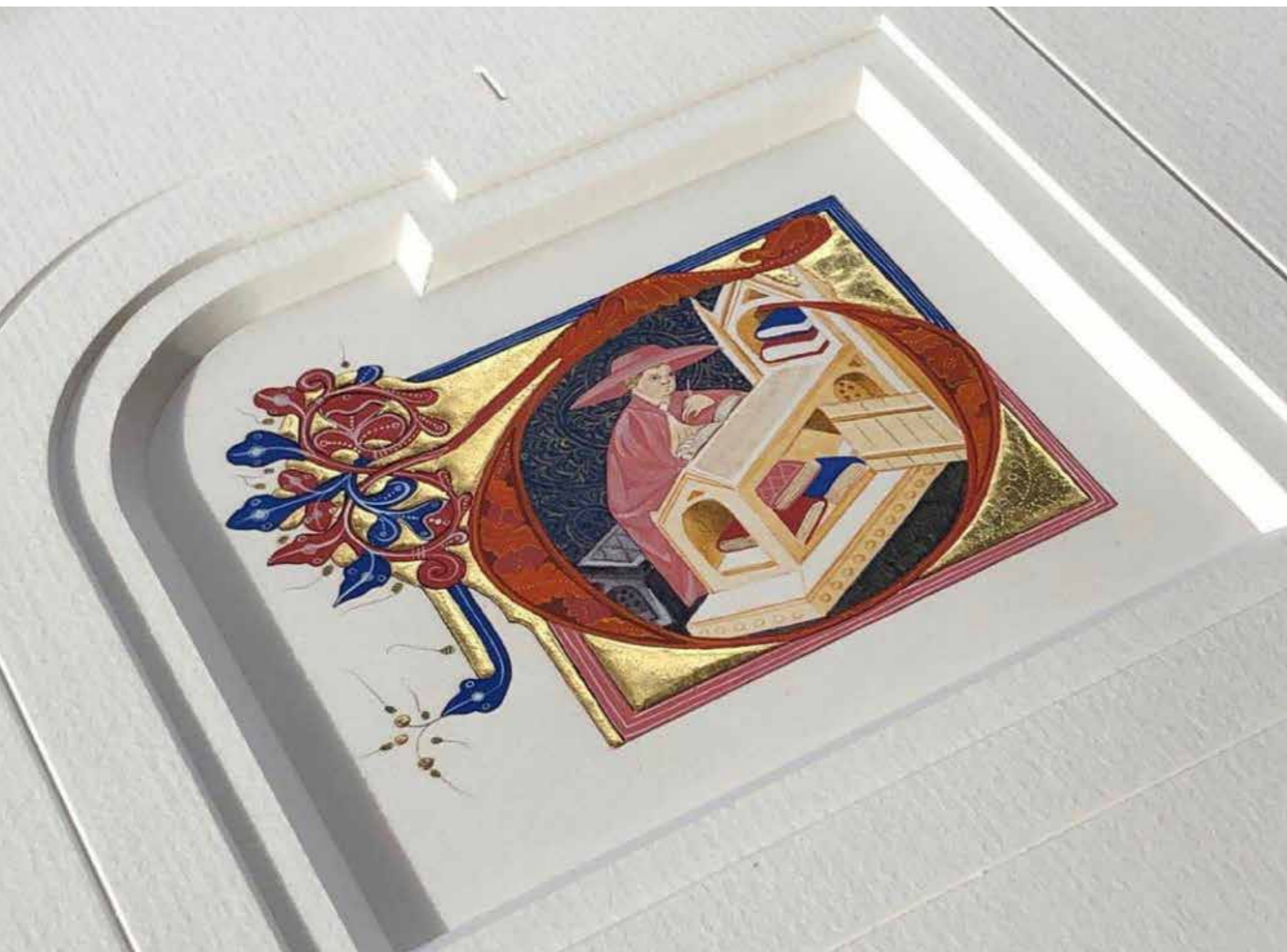- **Compatible with Fixed Tool Holder**

MATERIALS

Mat-board	**Cardstock**	**Woodboard**

PEN CARTRIDGES

1	2	3
Bronze/Gold: Upper and lower diameter 15-8.5 mm	**Black/Red:** Upper and lower diameter 8.5-5.5 mm	**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 always at its best.

All Valiani machines are sold with the **V-Studio software included** within the purchase of the machinery. This is the suite of programs for all Valiani cutting systems, with a professional CAD for the framing market. It is both an importation software (you can easily import vector graphics files) and a creation software, enabling the user to **draw new shapes on mat-boards** from scratch.

What distinguishes Valiani from competition is the ability to count on a **packaging software**, M3 or M3 Art, which include a thorough library of parametric templates of boxes and displays. Designing times for box production are reduced almost to zero thanks to this incomparable library of resizable patterns.

To make sure that Valiani cutting machines perfectly match with any kind of printer, each plotter can be equipped with a high-res camera and OptiCrop software for **registration mark detection**, thus making Valiani machines the ideal finishing solutions for each company.

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.

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.

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.

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 create original mat-boards, customized packaging models and perform contour cuts with no efforts. This software is a truly professional CAD for the framing market, allowing to personalise your mat-boards and giving them a higher status.

CREATING
Discover a new way to create mat-boards for frames with full creative freedom and with maximum ease, using avant-garde tools. Work quickly and intuitively thanks to a coherent approach with the user interface in all its components.

MANAGING
Optimize the software usage by storing all your materials details including their specs, relevant tools & machine settings.

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

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
Optimize the software use storing all your materials including their specs, tools & machine settings.

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

- Professional CAD for the framing industry
- 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)

What makes V-Studio Software so special?

Modern and Intuitive environment

Design and create content for various types of work in a complete creative ambience, with an attractive look and with all the tools that you had always wished for. Thanks to a pleasing layout, clean and harmonious, the new functionality is easy to access and rationally positioned to optimize the creative workflow. A large preview, positioned in the center of the screen, allows a clearer visualization of what the final project will be.
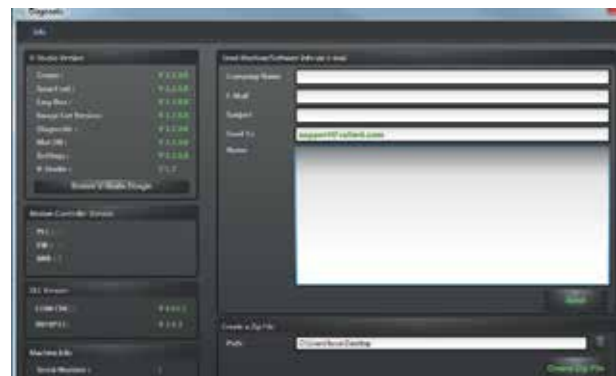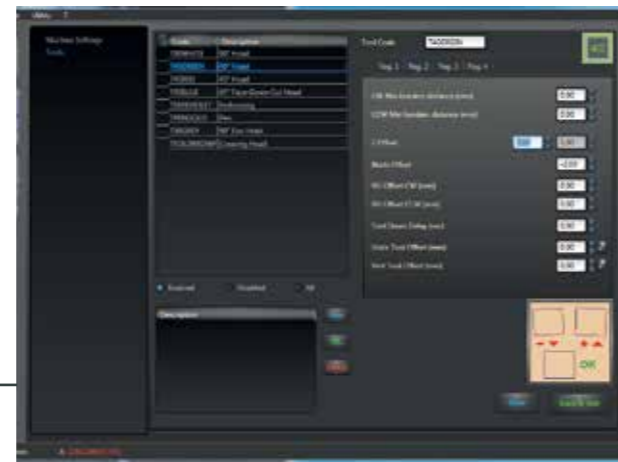
Diagnostic

Make your machine check-up easier and smoother, with comprehensive input/ output screen, Remote support and machine Info screen.

Settings

Totally configurable via the settings menu, V-Studio allows the user the freedom to create a unique configuration, adapting the program to your requirements and not vice versa.
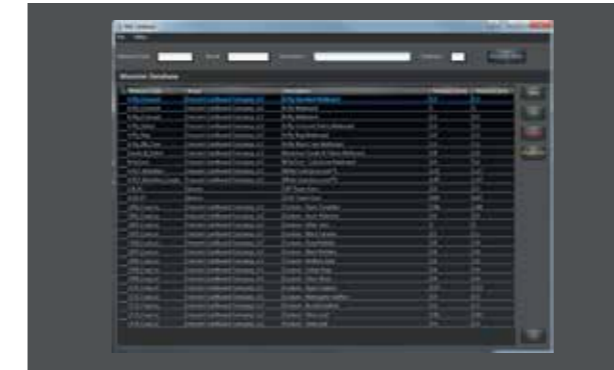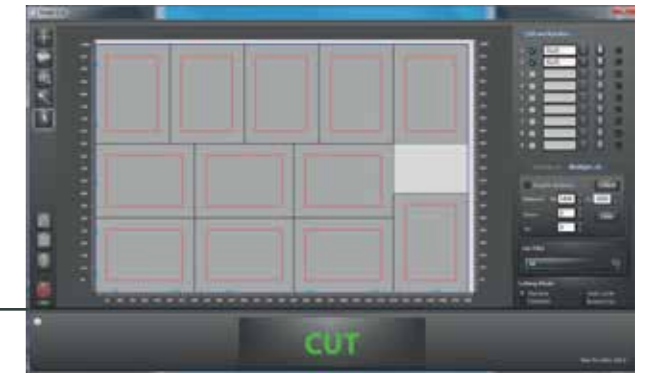
Create

Discover new ways to create mat board frames with full creative freedom and with maximum ease, using avant-garde tools. Work quickly and intuitively thanks to a coherent approach with the user interface in all its components.

Smart Cut

Use the most common vector graphic programs to transfer your projects to Valiani machines.

Material Database

Optimize the software use storing all your materials including their specs , and tools & machine settings

Easy to Upgrade...

V-Studio updates are free and available to download from valianisupport website or your local dealer website. The process is completely automatic and does not require any special operation.

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.

m³art 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 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 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

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

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.
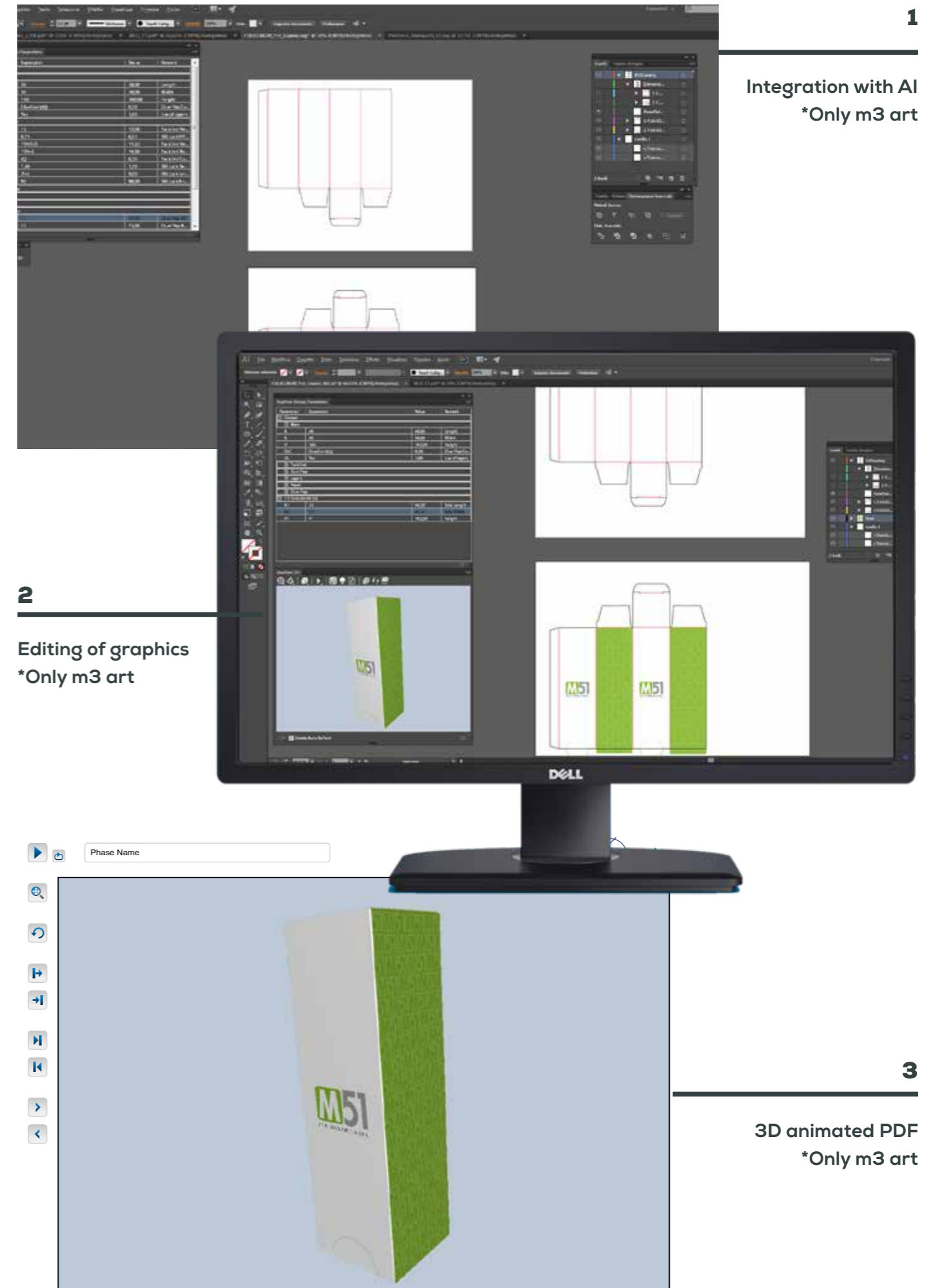
Only m3 art

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

Only m3 art

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**

1

Integration with AI
*Only m3 art

2

Editing of graphics
*Only m3 art

Phase Name

3

3D animated PDF
*Only m3 art

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.

Full range of products
Our Valiani Customer Experience Center features our most recent products and solutions.

Visit our Showroom

valiani

your perfect cut

Valiani srl
Via delle Regioni 305,
50052 Certaldo - Firenze - Italia
www.valiani.com – info@valiani.com

follow us