

Accessories



V STUDIO

V-Studio is the Valiani Operating Software which allows the artwork preparation, file conversion and the .PLT, .SVG (i.e. Adobe Illustrator® and Corel Draw®) vector file importation. Conceived to expand all Valiani machines capabilities provides to the end users specific applications for different industries. A CAD for mount-board creation, a packaging design application and a crop marks detection camera (optional) utility compose the Valiani Software Suite. The tools/material database as well as the working process are managed by dedicated apps, all of them designed to make the work flow faster and guide operators step by step.

*Compatible with Windows O.S.

m³

Packaging Creator

M3 is the optional software for the packaging industry, which can be integrated with all Valiani machines. M3 provides an archive of **500 parametric designs** for folding carton and corrugated cardboard (**1,700 parametric designs** with **M3-Art** version). The ECMA and FEFCO international codes are fully featured, accompanied by other custom structures widely used in the industry. The 3D Presenter is the environment for virtual prototyping of packaging and POP/POS displays through realistic 3D modeling is included without extra cost with **M3-Art** version.

*Compatible with Windows O.S.

opti  **crop**

The camera management for crop mark detection is carried out by the **OptiCrop** software. The software has various functions: crop mark recognition and interpretation, skew print compensation and file positioning in the cutting area. **OptiCrop** is the perfect solution for quick and precise contour cuts. The crop marks plugin-in is available for both Adobe Illustrator® and Corel Draw®.



Valiani cutting machines can be effectively used on all kind of mat-boards, regardless thickness, consistency and usage, all up to 5mm (3/16).

PLEASE NOTE: Images shown are for illustrative purposes only and may have slight differences to the actual machine purchased. The manufacturer reserves the right to make any changes to the machine described in this catalogue, at any time, and without prior warning.



The **interchangeable heads** technology consists of a quick-change tool system (Valiani International Patent) able to expand all Valiani machines productivity and versatility. Thanks to a powerful magnets group all tools can be quickly swapped with no need for further calibration. A wide variety of separate tools are available; 90°, 45°, 40° cutting tool, creasing and perforating tools, embossing/debossing tool and a pen holder.



The **MatStylus Deluxe** is a tool that allows the user to perform writing and drawing with any Valiani machine. This tool is supplied with 3 multiple tow-part pen holders of different sizes that can accept various felt tip pens or pencils. Ink caps are included with the MatStylus kit. Upon request a plotter-pen cartridge holder is also available.



The set of **Creasing Tools** consists of one head with a selection of wheels of various geometry that have been developed for the packaging market or for anyone with needs to crease folding carton, flute cardboard, corrugated cardboard and polypropylene.



Valiani cutting machines can be used as a multi functional device, allowing to shape a wide range of alternative products.

Geminus - iV

Unparalleled Productivity

 **valiani**
your perfect cut

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Crescent

Please contact us for more information:
Phone: 800-323-1055
Email: valianiorders@crescentcardboard.com

100 W. Willow Road,
Wheeling, Illinois 60090
U.S.A.

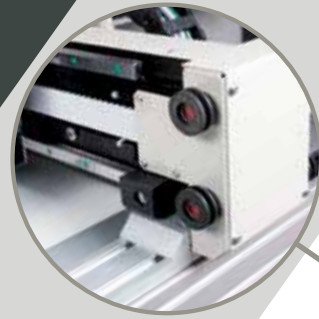
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Geminus - iV

Unparalleled Productivity



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.

3 Heads

Select the best combination of tools from the interchangeable heads series.

Vacuum

Vacuum worktable with pneumatic clamps.

Highlights

24hours a day, 7 days a week

Versatility, Durability & Reliability

3 heads, 2 workstations and 2 clamping systems

Pure speed and precision



Vacuum table with independent workstations. The Geminus is fitted with 6 macro areas subdivided across the two workstations.



Linear guides ensure absolute precision of movement and excellent results. The broad profile guarantees high reliability and durability.



Three independent heads. Manual regulation of the cut depth in increments of just 0,1 mm (1/32") allows better control during cutting when working with materials of different thicknesses. The maximum thickness permissible is 5mm (3/16").⁽³⁾



Easy to use button control system. Safety is our first priority.

Geminus-iV represents the ultimate cutting machine in the Valiani range. Geminus-iV is created to surprise with incredible speed and extreme precision; destined for large companies having important levels of production, it perfectly combines **performance with reliability**.

Thanks to an extremely **solid and strong** structure the Geminus-iV is able to handle complex working cycles whilst offering 24/7 productivity.

Faster work flow

Equipped with two independent heads and a permanent pen holder⁽¹⁾ means no interruption during the work cycle. These characteristics translate into high capacity production by being able to simultaneously use 3 tools which, if combined with the large range of interchangeable heads, provide a huge variety of workflow options.

Versatility

Available in an **oversized format** 1250 x 1900mm, it allows work on an ample single worktable or on two independent workstations, each with a capacity of 1200 x 800mm. The large vacuum available in 2 large formats, which allows to work on an ample single worktable or on two independent workstations, each with a capacity of half of the cutting surface. worktable offers an important alternative for holding the materials, reducing the waste and increasing significantly the range of materials that can be used.

Application

The Geminus-iV can be used effectively on matboard, as well as a large range of materials for packaging and signage.

- **Matboard**
- **Corrugated & folding cardboard**
- **Rigid materials such as vinyl, Forex®, PVC & polycarbonates.**
- **Corrugated polycarbonate.**
- **Gatorboard®**

Upon request a **digital camera**⁽²⁾ can be fitted to find print crop marks. This, when used with optional software, allows the cutting or creasing of printed materials.

Technical data

Geminus -iV 190

Working area: 1900x1250mm
(74,8x49,2")

Height 900mm/1200 mm (74.8x49.2")
Width 2700 mm (106.3")
Depth 2020 mm (79.5")
Weight 340 kg (750 lbs)

Geminus -iV 250

Working area: 2500x1250 mm
(98,5x49,2")

Height 900 mm (35,4")
Width 3635 mm (143")
Depth 2211 mm (87")
Weight 580 kg (1280 lbs)

Maximum speed 1200 mm/sec. (47" inch/sec)

Pneumatic pressure 6 Bar (90 PSI)

Electrical requirements

3 Phase + PE 208V/60Hz/32A 4KVA
3 Phase + PE 400V/50Hz/16A 4KVA



Innovative foldaway button clamping system.



Digital camera for crop mark detection.

(3) Check the cutting capacity of each interchangeable head separately.