

## 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.



**valiani**  
your perfect cut

# Mat Pro Ultra V

Increase Workflow with Vacuum.



**valiani**  
your perfect cut

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# Mat Pro Ultra V

Increase Workflow with Vacuum.



Cut up to  
**5mm**  
(3/16")  
in thickness

Best  
return on  
investment

100% Yield  
=  
0 Waste

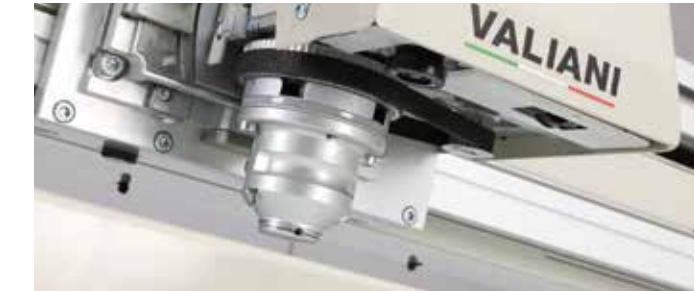
Low  
operating  
cost



**Sturdy Base.** The Mat Pro Ultra V comes with standard base. Optional storage base is also available.



The Machine is equipped with a Plug & Play **Interchangeable Head** system. Powerful magnets hold and permit quick changes of cutting heads and function without any tools setup.



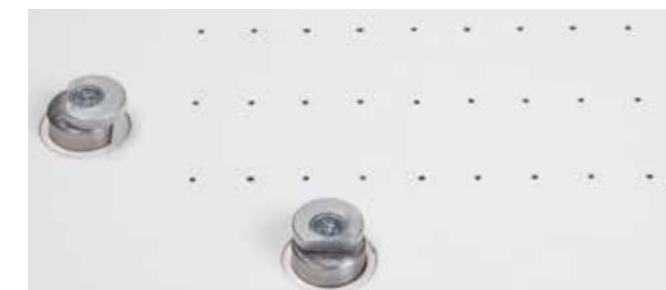
**Crop mark detection.** High-resolution camera (optional) for crop mark detection used in combination with the Opticrop software.



The **button clamp system** allows trimming of materials right to the edges, optimizing the full sheet. Having a soft rubber coating, the button clamps leave **no marks** on the material.



Ultra V can be used effectively on a wide range of materials for the packaging and printing markets, including polymer varnish plates.



**Vacuum table.** Extremely reliable rotary vane vacuum pump (oil-free and air-cooled) working through a selection of four independent work areas.



The **Ultra V** series comes to enlarge the wide range of cutting machines that continues Valiani's international reputation for manufacturing high quality machinery. Thanks to the wide range of hardware and software accessories it can be customized according to production requirements. The Valiani machine's flexibility allows users to expand their creativity and their services at an affordable price.

## Efficient material holding

The large **vacuum table workspace**, combined with a new clamping system provides incomparable working flexibility over a wide range of materials. You no longer need to worry about material retention. Perfect cut quality combined with reduced waste complete the job.

## Reliability, Quality and Longevity

The **Ultra V** is assembled with high quality components and reliable technology. It features: a honeycomb aluminum cutting table, high-resolution stepper motors, heavy-duty rails and steel bearings. Having low-cost maintenance, the Ultra V ensures the best long term investment.

## Work flow

The **Ultra V** is available in two sizes. V150 and V120, and is supplied as standard with a stand. It is equipped with operating software totally developed by Valiani that unleashes maximum utilisation using specific apps capable of speeding up the work flow.

## Productivity

The **Ultra V** can also be equipped with a camera\* for crop mark detection. This device, in combination with the optional **Opticrop** software, allows the end user to perform contour cutting or creasing on pre-printed materials.

## Application

The **Ultra V** can be effectively used on; a wide range of materials\*\*

**Mount board;**  
**Folding carton and Corrugated board;**  
**Rigid materials such as vinyl, PVC, Corrugated plastic;**  
**Foam board and Gator board;**  
**Apparel, Leather-goods and cardboard shoe patterns;**  
**Polymer plate for in-line varnishing, for spot and flood coating.**

m<sup>3</sup> optiCrop V-STUDIO

## Technical

### Mat Pro® Ultra V 120

Working area:  
**1215 mm x 815 mm (48" x 32")**

Width 1700 mm (67")  
Depth 1200 mm (47")  
Height 1100 mm (43")  
Weight 250 kg. (550 lbs)

### Mat Pro® Ultra V 150

Working area:  
**1515 mm x 1015 mm (60"x 40")**

Width 2010 mm (79")  
Depth 1400 mm (55.5")  
Height 1100 mm (43")  
Weight 276 kg. (609 lbs)

## Standard configuration

Cutting machine, multi positional stand, one cutting tool, V-Studio & vacuum pump.

Max speed 365mm (14.5")/sec.  
Acceleration 1 m/s  
Power requirements Single phase 200/208/230V - 50/60Hz - 16A  
Air requirements 6Bar/90 PSI – 3.50 CFM  
Connectivity USB  
Data Buffer External PC (not included)  
Tool change Manual  
Media Holding System Pneumatic & Vacuum assisted  
File Formats .SVG, .PLT, .DXF, .CF2, .HPGL, .XML  
Cutting capacity 5 mm (3/16")  
Tools Available 40°, 45°, 90°, Embossing, Creasing, Pen holder.

\*machine shown with optional multi-material storage base (stores material up to 820x1220mm / 32"x 48")

\*\*Some hard materials can be cut, but there may be some limitations in thickness, speed and design. If in doubt please check with our customer service team.