

# Mat Pro<sup>®</sup> Ultra V

Vacuum & Clamp Assisted Table

The Next Generation





# Mat Pro® Ultra V



Strongest  
machine in  
its class

Vacuum  
table  
minimizes  
waste

Most variety  
of materials &  
applications

The Valiani 'V' series comes to enlarge the wide range of cutting machines that continues Valiani's international reputation for manufacturing high quality machinery.

The large **vacuum table workspace**, combined with a new clamping system, not only provides incomparable working flexibility over a wide range of materials but also provides the user with unparalleled accuracies to meet today's production challenges.

The **Mat Pro Ultra V** is the first and only machine that combines all the features of the existing computerised mountboard cutting equipment with a **flatbed cutting plotter**.

The **Mat Pro Ultra V** has been designed with the aim of increasing the production capabilities of small-medium sized businesses whose target is to own a machine that can also handle foldable and rigid materials used for packaging and product displays.

The **Mat Pro Ultra V** can be used effectively on **mount board** and on a wide range of **packaging and display materials**;

**Mountboard; Corrugated board; Rigid material such as vinyl, Forex®, PVC, polycarbonate; Corrugated plastic; Foam board, Gator board.**

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

With nearly 40 years experience in constructing cutting machines, and with thousands of CMC's sold all over the world, the new Mat Pro Ultra is going to be the first choice for many customers. The vacuum aluminium bed, the high resolution stepper motors, the new heavy duty rails, the increased working speed and the widest range of tools make it the most sophisticated and desirable machine on the market.

Best in class cost/performance ratio  
Limitless possibilities  
Increase your productivity  
Unleash your creativity

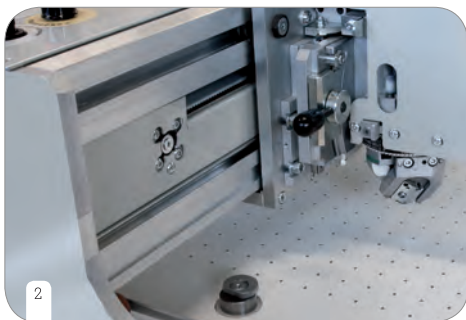
Ideal for  
Frame mountboard cutting  
Boxes & displays  
Contour cutting  
Embossing and drawing  
Stickers & gaskets  
Prototyping and mock-up

\* Machine shown with **optional** multi-material storage base (stores sheets up to 820mm x 1220mm / 32" x 48")



## Sturdy Base

The Mat Pro Ultra V comes with standard base (as shown).  
Optional storage base is also available.



1. Innovative pneumatic clamping system with fold-away pins. The Mat Pro Ultra V guarantees very low-cost usage and is almost maintenance free. 2. Multiple vacuum zones to assure positive retention of materials at any given point on the table. 3. High resolution camera for crop mark detection. 4. Extremely reliable rotary vane vacuum pump (oil-free and air-cooled) working through a selection of four independent work areas. 5. Manual depth adjustment with increments of just 0.1 mm (1/32") provides much better quality control when working with various materials and thickness. Maximum thickness is 5 mm (3/16"). 6. The Mat Pro Ultra V delivers the ability to cope with many different materials.

### Technical

#### Mat Pro® Ultra V 150

Working area:

1515mm x 1015mm (60" x 40")

Width 2010mm (79")  
Depth 1400mm (55.5")  
Height 1100mm (43.3")  
Weight 182 kg. (401 lbs)

Max Speed 365mm(14.5")/sec.  
Main Supply 110V/60Hz/10A, 220V/50Hz/10A.  
Pneumatics 6 Bar/90 PSI

Compatible with  
**m3**  
Packaging Creator



## Accessories for Mat Pro® Ultra V



### Compatible with the Interchangeable Heads System

The interchangeable cutting head system consists of a wide variety of separate tools. These are simply mounted on the machine using the patented magnetic locking system and thereby expanding the machines' efficiency and productivity.



### MatStylus® DeLuxe

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 two-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.

**MatStylus® Ink Caps**, supplied in sets of 3, have been designed to fit your MatStylus penholder. There is no need to remove the pen from the holder and prevents your pens from drying out.



### M3 Packaging Creator

An advanced software application specifically designed for the Valiani range of computerised cutting machines for the production of packaging, display cases and other cardboard based 3D objects. This system is available as an option at extra charge.



### Packaging tools

The Packaging Tools set consists of one head with a selection of wheels of various geometry that have been developed for the packaging market or for anyone who needs to die cut flat board, flute board, corrugated board and polypropylene.

## V STUDIO



### V-Studio

The new suite of programs for Valiani machines, developed to optimise the use of all our computerised cutters. An innovative menu allows you to reach specific applications quickly and is designed to create your projects with absolute simplicity. Personalised boxes, fast mountboard cutting and a library of tools are all at your disposal.

## CutScript

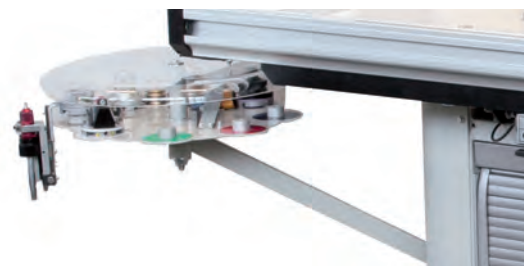
### CutScript Software

The CutScript is software created to optimize the use of Corel Draw and Adobe Illustrator on all computerised Valiani machines. Also, if the machine is fitted with a camera, CutScript can also manage crop mark detection. This system is available as an option at extra charge.



### PC Work Stand

The Valiani PC Work Stand is especially designed for the safe storage of our Interchangeable Heads, as well as convenient place for the computer, monitor, keyboard and mouse. This extremely useful accessory is suitable for all Valiani computerised cutters and allows you to store your Interchangeable Heads on a colour-coded carousel. \*PC, Heads & Wheels not included.



### Tools Holder

The rotating tray can be easily extended or retracted as needed for quick and easy access to any of the interchangeable tool heads.



## Valiani throughout the world

You can find Valiani machines in many key businesses across the world. With distribution and support offices in more than **60 countries**, help is never far away.

For your local support or sales team, please visit [valiani.com](http://valiani.com)



Examples of creativity and effects achieved by the various interchangeable heads.



**VALIANI**  
cutting machines

**Valiani s.r.l.**

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