

Mat Pro Ultra V

The best flatbed cutting system in its class

The **Mat Pro® Ultra V** flatbed cutting plotter, with its high precision, robust, mechanics and reasonable starting price, is the answer for all applications in the **offset/digital printing industries** and in the **packaging market**. The ideal product for sheet die cutting, packaging prototypes, mockups, signs, labels, decals and more.

The Mat Pro® UltraV is a medium-format professional cutting plotter capable of:

- **Cutting, Half-cutting and Creasing**
- **V-Cut**
- **Drawing**
- **Embossing/Debossing**
- **Crop Mark Detection**

It is fitted with:

- **2 media hold down systems: Clamping & Vacuum.**

The Mat Pro® UltraV can be effectively used on a broad range of materials such as;

- **Cardboard, Mat board and Chipboard**
- **Corrugated board and Packaging samples**
- **Rigid materials such as Vinyl, Forex , PVC and Polypropylene**
- **Corrugated plastic**
- **Foam board and Gator board**
- **Crystal decoration Stickers**
- **Sandblast rubber**
- **Diamond Grade Reflective**
- **Leather**

And Markets and Applications such us: Garment Pattern, Cutting and Marking, Shoe Pattern cutting and marking, Package Design, Prototyping, Monument and Stone, High Way Signs, Offset Printing Blanket, Building Architectural Models; making this machine the best solution for processing all materials which cannot be cut or fed through a roll-to-roll cutting plotter.

V-Studio, the Valiani software (standalone software currently available only for Windows), thanks an easy-to-use interface, dedicated features and complete integration with **Illustrator®** and **Corel DRAW®** files (SVG and PLT), is the perfect solution for clients who would like to use it immediately.

Mat Pro® UltraV comes as standard with a camera for crop mark detection. This device, used in combination with **OptiCrop*** software, can perform contour cutting and creasing around pre-printed media. The software reads register marks on a wide variety of materials such as;

- **Special vinyls (Type 1-2-3)**
- **Reflective materials**
- **Direct-Coupled materials**
- **Multi coloured printed artwork**

OptiCrop, using 4 distinct markers (round or square) and advanced technology, guarantees incredible precision in cut alignment and compensation for printing deformation. OptiCrop detects register marks with a maximum tilt angle of up to 45°.

The Mat Pro® UltraV has been designed with the aim of increasing the production capabilities of small-medium sized businesses who are searching for a versatile product. The plotter fully supports the **Interchangeable Heads System®**, providing clients with the widest range of tools for machines in its class.

With 40 years of experience in machinery design and construction, the Mat Pro® Ultra V confirms Valiani's leadership in building reliable and innovative equipment.

Machine MODELS:	MatPro Ultra V 80	MatPro Ultra V 120	MatPro Ultra V 150
Working area	800mm x 600mm (31,5" x 23,6")	1200mm x 800mm (48" x 32")	1500mm x 1000mm (60" x 40")
Height	900mm (35.4")	850mm (33.5")	850mm (33.5")
Width	1100 mm (43.3")	1710 mm (67.3")	2010mm (79.1")
Depth	1020mm (40")	1200mm (47.20")	1400mm (55.12")
Weight	93 kg. (191 lbs)	170 kg. (351 lbs)	185 kg. (382 lbs)

General Specs:

Maximum speed: 365mm(14.5" /sec.) - Pneumatic pressure: 6 Bar (90 PSI)

Electrical requirements: 220V/50Hz/10A.

Max cutting Capability (thickness) : 5mm