

Valiani Mat Pro[®] Ultra | Optima

Valiani Ultra V

Ultra V Key Features

- Manual cutting depth adjustment from 0.1mm to 5mm
- Vacuum table for holding media in place.
- Fast magnetic tool change
- Interchangeable creasing accessories for creasing / perfiing a wide range of media.
- Optional crop mark detection

Valiani Ultra V

The Ultra 'V' series enhances 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 customised according to different production requirements. The Valiani machines allows custom or tailor-made products at any time.

Vacuum table efficiency

The large vacuum table workspace, combined with a new clamping system ensures effective reduction of media displacement. This means you no longer have to worry about material being held in place regardless of thickness, weight or texture.

Productivity

The Ultra V is also equipped with a camera for crop mark detection. This device is combined with operational software, allows the end user to perform contour cutting or creasing on pre printed materials.

Packaging tools

The Packaging Tool set, consists of one head with 9 wheels of various geometry, these have been developed for the packaging market or for those who need to die cut flat board, flute board and polypropylene. This tools enables you to create boxes, folders, mock-ups and any other job that needs creasing or serrated cuts.



Interchangeable cutting heads

The Valiani Ultra V uses an array of Interchangeable cutting heads for its entire line of computerized cutters. These heads are retained and positioned to the cutting head assembly by means of several small, yet powerful magnets, which make locking fasteners and hardware unnecessary. A specialised wedge-fork tool is supplied that makes removal of each head easy, safe and fast in under 15 seconds. Each tool head is colour-coded and numbered to help simplify recognition at a glance.



Cuts up to
5mm
media



- Blue 45° Bevel Cut (rear)
- Red 45° Bevel Cut (front)
- Yellow 90° Straight Cut (multi material)
- Purple Debossing
- White 90° Straight Cut
- Green 40° Bevel Cut (front)
- Grey 90° Straight Cut

Valiani Optima

Optima V Key Features

- Manual cutting depth adjustment from 0.1mm to 20mm (with optional oscillating blade)
- Vacuum table for holding media in place.
- Twin head tool station
- Interchangeable creasing accessories for creasing / perfiing a wide range of media.
- Crop mark detection as standard

Twin head tool station

With two configurable tool stations, the Optima V is a medium-format professional cutting plotter capable of: cutting, halfcutting and creasing; drawing and oscillating cutting up to 20mm (3/4") in thickness.

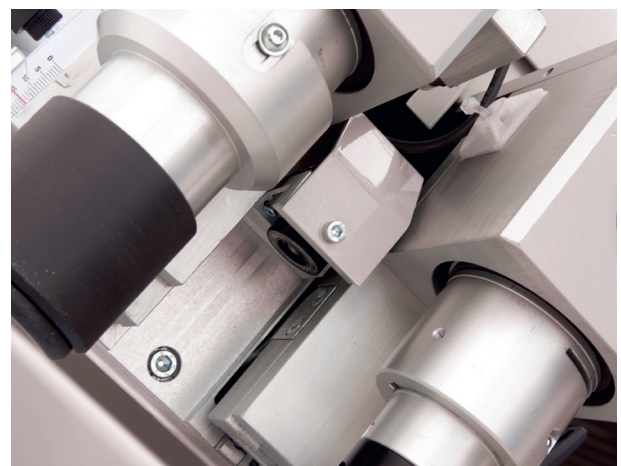


Optima V

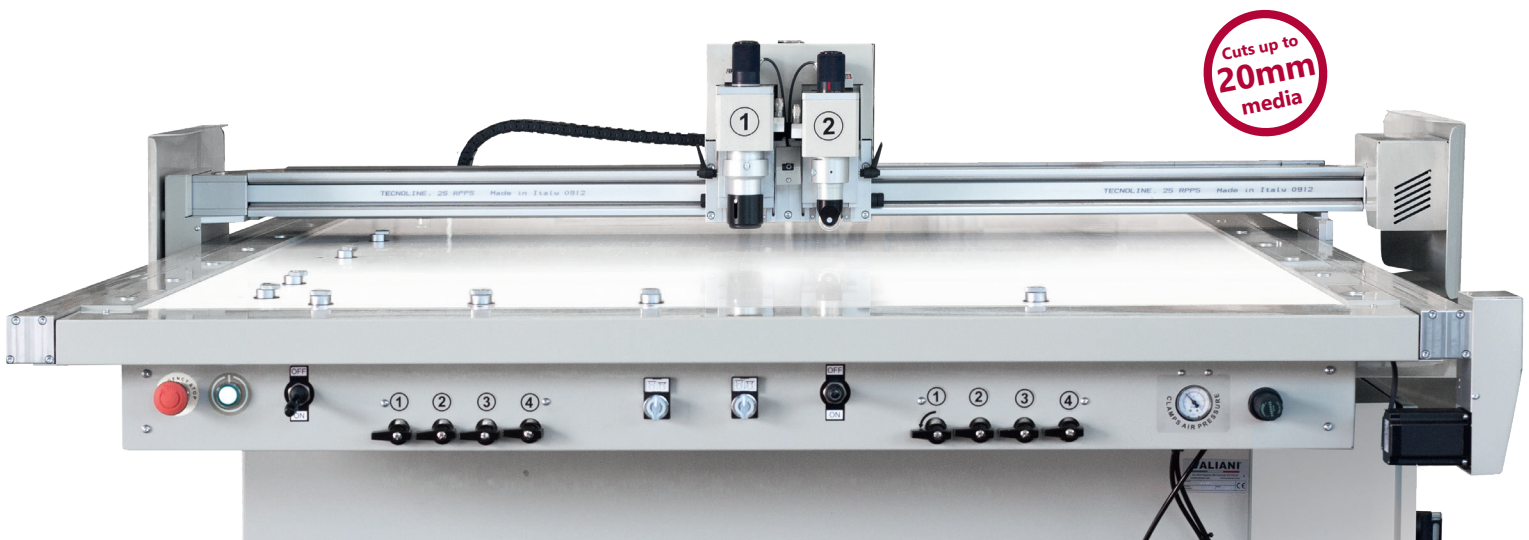
The Optima V flatbed cutting plotter, with its high precision, robust mechanics and reasonable starting price, is the answer for all applications in offset/digital printing industries, display and packaging market and apparel and leather industry. Its the ideal solution for short/medium runs of die cutting, prototyping, furnishings creation, textile/cardboard patterns cut and much more.

OptiCrop camera

The Optima V comes as standard with a camera for crop mark detection. This device, used in combination with optional software OptiCrop, can perform accurate contour cutting and creasing around preprinted media even with print-distorted materials.



The Valiani flatbed cutters are assembled with high quality components and reliable technology, they feature: honeycomb aluminium cutting table, high resolution stepper motor, heavy-duty rails and steel bearings.



Technical Specifications

Mat Pro® Ultra V80

Working area	815 x 610mm
Width	1100mm
Depth	1020mm
Height	850mm
Weight	93kg
Max Speed	365mm /sec
Main Supply	SP / 110V60Hz/10S, 220V/50Hz/10A
Pneumatics	6 Bar/90 PSI
Connectivity	USB
Data Buffer	External PC (Not included)
Tool Change	Manual
Media Holding System	Pneumatic

Mat Pro® Ultra V120

Working area	1215 x 815mm
Width	1700mm
Depth	1200mm
Height	850mm
Weight	135kg
Max Speed	365mm/sec
Main Supply	SP / 110V60Hz/10S, 220V/50Hz/10A
Pneumatics	6 Bar/90 PSI
Connectivity	USB
Data Buffer	External PC (Not included)
Tool Change	Manual
Media Holding System	Pneumatic

Mat Pro® Ultra V150

Working area	1515 x 1051mm
Width	2010mm
Depth	1400mm
Height	1100mm
Weight	182kg
Max Speed	365mm /sec
Main Supply	SP / 110V60Hz/10S, 220V/50Hz/10A
Pneumatics	6 Bar/90 PSI
Connectivity	USB
Data Buffer	External PC (Not included)
Tool Change	Manual
Media Holding System	Pneumatic

Optima V 160

Working area	1230 x 1600mm
Width	1830mm
Depth	2230mm
Height	120mm
Weight	190kg
Max Speed	430mm/sec
Main Supply	SP / 110V60Hz/10S, 220V/50Hz/10A
Pneumatics	6 Bar/90 PSI
Connectivity	USB
Data Buffer External	PC (Not included)
Tool Change	Manual
Media Holding System	Pneumatic

Optima V 250

Working area	1230 x 2520mm
Width	1830mm
Depth	3010mm
Height	120mm
Weight	290kg
Max Speed	430mm/sec
Main Supply	SP / 110V60Hz/10S, 220V/50Hz/10A
Pneumatics	6 Bar/90 PSI
Connectivity	USB
Data Buffer External	PC (Not included)
Tool	Change manual
Media Holding System	Pneumatic

Standard machine configuration

Cutting machine, base, one cutting tool, V-Studio, and vacuum pump.

*Disclaimer As part of our continued product improvement plan, specifications and information published here are subject to change without notice. All specifications are dependent on application, type of stock, temperature, RH and print engine used. Specifications quoted were measured on uncoated and unprinted stock. E & OE.