Optima V Series

valiani

your perfect cut

WE MANAGE YOUR CUT SO THAT YOU CAN MANAGE YOUR BUSINESS

Valiani is the perfect expression of the Italian mechanics.

From the invention of the first mat cutting machine for the framing industry to recent products for packaging and printing industries, our goal is provide you an everyday companion, capable to process the widest range of materials.

Our machines guarantee an excellent compromise between Productivity, Performance and Price, ensuring a lasting quality over time.

We are proud of our long-lasting history, with over 4,500 machines installed in over 80 countries, supported by our worldwide customer service.

OPTIMA V SERIES

PEERLESS PRODUCTIVITY, PERFORMANCE AND PRICE

Valiani digital cutting machines are suitable for **all market applications** in the offset/digital printing, display/packaging and apparel/leather.

It is the ideal solution for **short and medium runs** of die cutting, prototyping, honeycomb furniture creation, textile/cardboard pattern cutting and much more.

SIZES MATTER
Optima V Series is available in **multiple bed sizes**.

CHANGE THE HEADS
With the **tool's holder system** is easier to swap from one tool to another, creating the perfect configuration for various cutting requirements.

YOUR BEST INVESTMENT
1. High-quality and cutting precision for **all materials**
2. Perfect **price-quality ratio**
3. **Low-cost** maintenance

ONLY WITH US
5 YEARS WARRANTY

Optima V 80 | 160 | 250 | 300

Our "top of the line" cutting machines, with their high precision, robust mechanisms and the capacity to manage different materials.

Features
- Equipped with two independent tool-holders systems that prevent interruption during the work cycle
- Combined vacuum assisted table and pneumatic fold-away clamping system
- Incomparable working flexibility over a wide range of materials
- Unparalleled accuracy
- Customizable with the required tools configuration, a camera and a software for crop mark detection, and an optional packaging software
- Available in 4 different bed sizes

Main Applications
- Contour cut for Die-Cut of Digital & Offset Prints
- Box and Packaging Production
- POP/POS Display
- Street and Business Signage
- Offset Varnishing Plates
- Architectural Models
- Motorbike decals
- Cardboard Honeycomb Furniture

Equipped with

Vacuum table to hold media

Tools

Multipurpose Cutting Tool
Precise Multi depth cutting tool for material up to 5 mm (3/16") thick.

Creasing Tool
Complete Creasing Tool with 9 wheels to crease and perforate folding cardboard and corrugated cardboard.

Plotting Tool
Plotting Tool to create dynamic drawing or text on the cardboard patterns.

Pneumatic Oscillating Cutting Tool
Powerful pneumatic vibrating tool for cutting various strengths of materials up to 20 mm (3/4").

Multipurpose Drawing Tool
Drawing tool, usable with various types of pens, markers or any drawing support within a certain diameter.

Bevel & V-Cut Tool
Cutting Tool with 4 different cutting angles. Capable to perform cuts at 15°, 22.5°, 30° and 45° (up to 16mm/0.62" thick) for producing complex packaging and 3D structural displays (POP & POS).

Embossing Tool
Embossing tool enables users to create subtle debossing, decoration and accents. 3 Different tips available.
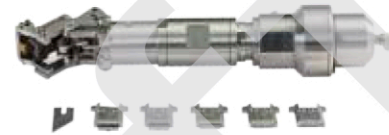
VersaTool - Interchangeable Heads
Tool Holder enables the use of all the interchangeable heads series. The main applications are Kiss-cut, bevel cut on chip boards and varnishing blankets cut. Cutting options available 40°, 45°, 90° and Embossing.

A camera & a Software for printing crop marks detection

Optional Packaging Software

Materials

- Corrugated & Folding Cardboard
- Vinyl / Plastic Adhesive sheets
- Diamond Grade Reflective sheets
- PVC & Foam Board
- Coating & Varnishing Plates
- Leather, Fabrics & Foam

ONLY WITH US

WARRANTY

5 YEARS*

We are the only ones in the world to offer these conditions! Get peace of mind with a 5-year Valiani Limited Manufacturers' Warranty

*ask your local dealer for warranty details

Technical Specs

Optima V Series Models		80	160	250
Cutting Size (mm / inch)		1230x815 mm (48.5x32")	1230x1630 mm (48.5x64")	1230x2500 mm (48.5x96')
Speed		840 mm/sec (33"/sec)		
Acceleration		1 m/s		
Power Requirements		Single Phase 200/208V 50/60Hz –16A 230V 50/60Hz 16A 230V 50/60Hz 18A (250)		
Air pressure requirements		6 BAR/90 PSI (3,5 CFM) 8 BAR/115 PSI (5,3 CFM) with Oscillating tool head		
Tool Change		Manual		
Tool Number		2 Slots		
Connectivity		USB 2.0		
File Format		.SVG, .PLT, .DXF, .CF2		
Data Buffer		External PC		
Cutting Capacity		20 mm (3/4") with Oscillating tool head 5 mm (3/16") with Standard Cutting Tool		
Media Hold System		Vacuum bed & Pneumatic Clamping system		
Standard Configuration		Optima V, Stand, Cutting Tool & vacuum pump.		
Sizes (mm/inch)	Width	1830mm / 72"		
	Height	1200mm / 47"		
	Depth	1430mm / 56"	2230mm / 88"	3010mm / 118.5"
Weight (kg / lbs.)		440 kg 970 lbs	480 kg 1.080 lbs	600 kg 1.322 lbs

*Optima V 250 is available only thru Graphtec America network

For more information scan the QR Code or visit our website at **www.valiani.com**

valiani

your perfect cut

Valiani srl
Via delle Regioni 305,
50052 Certaldo - Firenze - Italia
valiani.com – info@valiani.com

Follow us