OPTIMA SERIES 80/160/250

PEERLESS PRODUCTIVITY, PERFORMANCE AND PRICE

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

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

Our "best selling product" among our line of machines, with its high precision, robust mechanisms and its capacity to manage different materials.

SIZES MATTER
Optima Series is available in multiple bed sizes.

CHANGE THE TWO MODULAR HEADS
The possibility to easily swap one tool with another one enables the user to create the perfect configuration for various cutting requirements.

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

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

HIGH PRECISION

TWO INDEPENDENT AND MODULAR TOOL HOLDERS

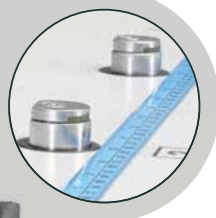## 5 YEARS WARRANTY

Main Applications

- Contour cut for Die-Cut of Digital and Offset Prints
- Box and Packaging Production
- POP/POS Displays
- Street and Business Signage
- Offset Varnishing Plates
- Architectural Models
- Motorbike decals
- Cardboard Honeycomb Furniture
- Patterns for Shoes and Fashion Industry
- Photo Albums

Materials

- Corrugated and Folding Cardboard
- Vinyl / Plastic / Adhesive sheets
- Diamond Grade / Reflective sheets
- PVC and Foam Board
- Coating and Rubber Blankets
- Leather and Fabrics
- And a lot more...

Optima 80 | 160 | 250

*Optima Series comes as standard with pneumatic **button clamps** and vacuum table.*

Optima Series

Tools available

Optima can be equipped with all tools compatible with the following tool holders:

- **Multifunctional Tool Holder**
- **Versa-Tool Holder**
- **Fixed Tool Holder**

MTH   FTH   VTH

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 cutting accuracy also on intricate designs
- Customizable into various configurations depending on the tools chosen, equippable with a high-resolution camera, a software for crop mark detection and additionally with an optional packaging software
- Available in 5 different bed sizes

Technical Data

Model	80	160	250
Cutting Size	1230x815 mm (48.5x32")	1230x1630 mm (48.5x64")	1230x2500 mm (48.5x96")
Depth	1430 mm/56"	2230 mm/88"	3010 mm/118.5"
Weight	440 kg (970 lbs)	490 kg (1.080 lbs)	600 kg (1.322 lbs)
Power Requirements	Single phase - 200-240V 50/60Hz 10A		Single phase 200-240V 50/60Hz 18A
Width	1830 mm/72"		
Height	1200 mm/47"		

Specs – for every Optima Series**	
Speed	840 mm (33")/sec
Acceleration	1 m/s² – (39.4")/s²
Air requirements	6 BAR/90 PSI (3,5 CFM) 8 BAR/115 PSI (5,3 CFM) with Oscillating tool
Supported OS	Win 7, 10, 11
Tool Change	Manual
Tools Available	90°, 45°, 40°, Embossing, Creasing, Drawing, Oscillating tool
Tools Holder	2 + 1F
Connectivity	USB 2.0
File Format	.SVG, .PLT, .DXF, .CF2, .HPGL, .XML
Data Buffer	External PC
Cutting Capacity	0.1 › 5 mm (0,19") with Tangential Blade 0.1 › 20 mm (0,78") with Oscillating Blade
Repeat Precision	≤0.1 mm
Media Hold System	Vacuum bed & Pneumatic Clamping System
Fixed Tool	Pen (Optional)
CropMarks Rec.	Camera (Optional)