

# INVICTA SERIES 80/120/150

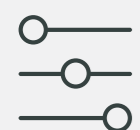
## INVINCIBLE VERSATILITY

Invicta is the ultimate digital cutting machine of the Valiani products. With its unique features and its **extreme versatility** gives you the ability to make virtually unlimited projects. Invicta guarantees a very high degree of precision matched with a creasing quality almost equal to that of traditional die-cutting. Invicta is also highly demanded in the fashion industry, allowing to cut and draw on textile and paper patterns.



### ALL YOU NEED TO START A BUSINESS

Invicta with multiple optional cutting tools, as well as creasing and drawing tools, is ideally suited for cutting a wide range of materials. Our proven mechanical design and easy to use software ensure a quick solution to time-consuming tasks.



### COMPACT, VERSATILE AND EASY-TO-USE

Invicta comes in different sizes, all with vacuum table and pneumatic clamping system, an optional camera for print cropmark detection and operating software. The sturdy design of the machine allows to cut precisely and efficiently any material. A bunch of optional tools are available with a view to its personalization.



### CHANGE THE HEADS

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



For further information scan the QR Code or visit our website at [www.valiani.com](http://www.valiani.com)

**SINGLE  
INTERCHANGEABLE  
HEAD**



## Materials

- Folding Cardboard
- Corrugated Cardboard
- Vinyl and magnets
- Reflective films
- PVC / FOREX / Foam
- Polymers and rubber
- Leather and Fabrics
- Paper Patterns
- Honeycomb Cardboard
- And a lot more...

## Main Applications

- Die-Cutting of Digital and Offset Prints
- Box and Packaging Production
- Photo Albums
- Street and Business Signage
- Offset Varnishing Plates and Blankets
- Architectural and plastic models
- Reflective films / Stickers and Decals / Vinyl
- Motorbike Decals
- Membrane keyboards
- Patterns for Shoes and Fashion Industry



## Invicta

is equipped with a vacuum table, divided into multiple zones to optimise the suction when media is smaller than the working area. The machine may be also provided with a high-resolution optical system for crop marks detection on pre-printed materials.

\*Crop mark software is optional



# Invicta Series

## SAVE SPACE WITH INVICTA 80

it is so compact that it adapts to any work space and digital printing format.



### Tools available

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

- Multifunctional Tool Holder

- Versa-Tool Holder
- Fixed Tool Holder



MTH



VTH



FTH



## Technical Data

Invicta Series Models	80	120	150
Cutting Size	610x813 mm (24x32")	1220x813 mm (48x32")	1524x1016 mm (40x60")
Width	1260 mm (50,4")	1780 mm (70")	2080 mm (82")
Depth	1170 mm (46")	1394 mm (54,8")	1594 mm (62,3")
Height	1100 mm (43,3")	1100 mm (43,3")	1100 mm (43,3")
Weight	190 kg (419 lbs)	290 kg (640 lbs)	320 Kg (683 lbs)
Max Cutting Speed	413 mm/s		
Acceleration	0,5 m/s <sup>2</sup>		
Power Requirements	Single phase - 100/230V 50/60Hz 10A		
Power	1.7 KVA		
Air requirements	6 BAR (3,5 CFM) 8 BAR (5,3 CFM) with oscillating tool		
File Format	SVG, .PLT, .DXF, .CF2, .HPGL, .XML, .PDF		
Tool Change	Manual		
Tools Available	90°, 45°, 40°, Embossing, Creasing, Drawing tool and oscillating tool		
Tools Holder	1 + 1F		
Connectivity	USB 2.0/Bluetooth		
Buffer	External PC		
Media Hold System	Vacuum bed and Pneumatic Clamping System		
Fixed Tool	Pen (Optional)		
Capacità Alimentatore	NA		
Cutting Capacity	0.1 > 5 mm (0,19") with Tangential cutting tool 0.1 > 20 mm (0,78") with Oscillating tool		
Repeatability	≤0.1 mm		
Supported OS	Windows 7, 10, 11		
CropMarks Rec.	Camera + Software (Optional)		

## PRECISION, EASE OF USE AND ENDLESS CREATIVE POSSIBILITIES



Invicta can be customized into different configurations depending on the tools chosen and can cut materials with thicknesses up to **5 mm (3/16")** with tangential cutting tool or **20 mm (3/4")** with oscillating knife. The Oscillating cutting knife will bring you to the next level. It will cut through many different materials from paper to rigid material or from fabric to leather.



## FEATURES

- **Single-headed** system capable of a tool changeover in less than 10 seconds without any mechanical adjustment
- Invicta may be equipped with Opticrop Software for crop marks detection
- High versatility at an affordable price

