

Invicta



valiani
your perfect cut

INVICTA SERIES

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.



ALL YOU NEED TO START A BUSINESS

Invicta with multiple optional cutting tools, as well as creasing and debossing 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.



CUTTING UP TO 20 MM (3/4")

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. The Oscillating knife allows for cutting up to 20mm (3/4") deep.



COMPACT, VERSATILE AND EASY-TO-USE

Invicta comes in three different sizes, all with a vacuum table and pneumatic clamping system, a camera for print cropmark detection and operating software. The sturdy design of the machine allows you to cut precisely and efficiently, depending on the application. A bunch of optional tools are available for personalized customization.



Main Applications

- *Die-Cutting of Digital & Offset Prints*
- *Box and Packaging Production*
- *POP/POS Displays*
- *Street and Business Signages*
- *Offset Varnishing Plates*
- *Architectural and plastic models*
- *Decals and stickers*
- *Cardboard Honeycomb Furnitures*
- *Membrane keyboards*

Materials

- *Stretch Cardboard/ Corrugated Cardboard*
- *Vinyl and magnets*
- *Reflective films*
- *PVC, FOREX and Foamed*
- *Polymers and rubber*
- *Leather & Fabrics*
- *Paper Patterns*
- *Honeycomb panels*



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.



SINGLE
INTERCHANGEABLE
HEAD



In its standard configuration, **Invicta** is equipped with a vacuum table, divided into vacuum zones to optimise the suction when media is smaller than the working area. The machine is also provided with a new high-resolution optical system for crop marks detection on preprinted materials

ONLY WITH US

5
YEARS*

WARRANTY

We are the only ones in the world to offer these conditions!

Get piece of mind with a 5 year Valiani Limited Manufacturers' Warranty.

The warranty covers parts, manufacturing faults, defects in materials and workmanship, with the exception of Consumables.

* Ask your local dealer for warranty details.

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WARRANTY



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



FTH



VTH



Technical Data

Invicta Series Models	80	120	150
Cutting Size (mm/inch)	820x620mm (32x25")	1220x820mm (48x32")	1520x1020mm (60x40")
Speed	500mm (19,5")/sec		
Acceleration	0,5m/s ²		
Power Requirements	Single phase - 100/240V 50/60Hz 16A		
Air requirements	6 Bar/90 PSI (3,50 CFM) 8 BAR/115 PSI (5,3 CFM) with Oscillating Tool		
Tool Change	Manual		
Tools Available	90°, 45°, 40°, Embossing, Creasing, Drawing tool and oscillating tool.		
Connectivity	USB 2.0/Bluetooth		
File Format	SVG, .PLT, .DXF, .CF2, .HPGL, .XML		
Cutting Capacity	5 mm (3/16") with Tangential cutting tool 20 mm (3/4") with oscillating tool		
Media Hold System	Vacuum & Pneumatic Button Clamps		
Buffer	External PC		
Supported OS	Win 7, 10		
Tools Holder	1 + 1F		
Fixed Tool	Pen (Optional)		
Width	1260mm (50,4")	1780mm (70")	2080mm (82")
Height	1100 mm (43.3")	1100 mm (43.3")	1100 mm (43.3")
Depth	1170mm (46")	1394 mm (54.8")	1594mm (62.3")
Weight	190 Kg = 419 lbs	290 Kg = 640 lbs	320 Kg = 683,4 lbs



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



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