# Invicta AP



# INVICTA A SERIES

INVICTA AP cutting system represents the best-selling product within the Valiani range of machines in the apparel and fashion market.

Thanks to its compact and sturdy structure, the vacuum table, and the possibility of cutting and plotting with a pen, it is the ideal solution for making paper patterns. Its modularity, combined with the high precision and the cutting quality, makes INVICTA AP one of the most reliable and performing products available on the market.

The innovative "quick" tool change system, it is possible to unlock the full potential of machine by simply adding tools, thus ensuring a product destined to last over time and easily upgradable to the needs of model makers. INVICTA AP is a flatbed cutting system able to use, depending on the models, media up to the maximum size cm 100x150 cm.

#### HIGHLY TECHNOLOGICAL SOFTWARE



Valiani cutting systems are equipped with an extremely intuitive software interface and at the same time easily integrated with CAD-CAM solutions. My PLOT software, supplied as part of the bundle is capable to interface with the most common file formats available on the market, such as .HPGL, .HPGL II, .DXF, .ISO, .PLT or .SVG.

#### QUICK TOOL CHANGE

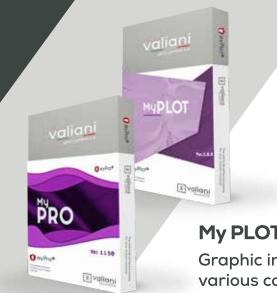


The ability to easily remove a tool while replacing it with another, allows the user to create the perfect configuration for different needs cutting, plotting, half cutting and creasing as well.

#### **ENERGY SAVING**



Thanks to the use of a single-phase vacuum pump (1.1 KW), INVICTA AP guarantees low noise and operating costs extremely.



#### My PRO

Preview relocation, digitization, innovative f

cutting sir



**Materials** 

• Fiberboard / Rigid Cardboard

Paper

- Leather and Fabrics
- Forex and Polypropylene
- PVC / Vinyl/Foamboard ...and many more

#### Fashion and Shoes pattern





Leather, Fabric and Foam





interface, control systems, simulation preview

e features

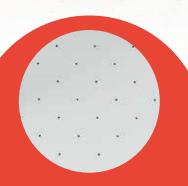


#### HIGH-SPEED PNEUMATIC OSCILLATING KNIFE

## PRECISION, EASE OF USE AND ENDLESS CREATIVE POSSIBILITIES

Ideal on foam, fabric, leather and rigid materials. The High-speed Oscillating cutting tool is a pneumatically powered device that combines performance with extreme precision. The 8 mm stroke and the high oscillating frequency make it capable to process softer and thinner materials at higher speed, reaching excellent quality level.





In its standard configuration, **Invicta AP** is equipped with a vacuum table, divided into vacuum zones to optimise the suction when media are smaller than the working area.



# We are the only ones to offer these conditions!

Get peace of mind with a 5-year Valiani Limited Manufacturers' Warranty

\* Ask your local dealer for warranty details.



### **Technical Data**

Fixed Tool Holder

**Tool Holder** 

Invicta Series Models	80	120	150
Cutting Size (mm/inch)	620x <b>8</b> 20mm (32x25")	1220x820mm (48x32")	1520x1020mm (60x40")
Speed	500mm (19,5")/s		
Acceleration	0,5m/s <sup>2</sup>		
Power Requirements	Single phase - 100/240V 50/60Hz 16A		
Air	6 Bar/90 PSI (3,50 CFM)		
requirements	8 BAR/115 PSI (5,3 CFM) with Oscillating Tool		
Tool Change	Manual		
Tools Available	Tangential or oscillating cutting blade, plotting pen .		
Connectivity	USB 2.0/Bluetooth		
File Format	.SVG, .PLT, .DXF, .CF2, .XML		
File Compatibility*	.HPGL, .GPGL2,.GBR,.CUT,.AAMA		
Cutting Capacity	5mm (3/16") with Tangential cutting tool		
	20mm (3/4") with Oscillating tool		
Media Hold System	Vacuum & Pneumatic Button Clamps		
Buffer	External PC		
Supported O.S.	Windows 7, 10, 11		
Tools Holder	1+1F		
Fixed Tool	Plotting Pen		
Width	1260mm (50,4")	1780mm (70")	2080mm (82")
Height	1100mm (43.3")	1100mm (43.3")	1100mm (43.3")
Depth	1170mm (46")	1394mm (54.8")	1594mm (62.3")
Weight	190Kg = 419lbs	290Kg = 640lbs	320Kg = 683,4lbs

\* With My Plot Software





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For further information scan the QR Code or visit our website at

www.valiani.com