

Invicta AP



valiani
your perfect cut



INVICTA AP 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 PLOT
Graphic in
various co
cutting sir

My PRO

Preview relocation,
digitization, innovative f

P



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



DT

interface,
control systems,
simulation preview

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.

CUTTING
and
DRAWING
SIMULTANEOUSLY



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.

ONLY WITH US

5
YEARS*

WARRANTY

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.



Tools available

INVICTA AP 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) | 620x820mm (32x25") | 1220x820mm (48x32") | 1520x1020mm (60x40") |
| Speed | 500mm (19,5")/s | | |
| 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 | 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



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

www.valiani.com



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