

# Maxima SP



ONLY WITH US

**5 YEARS\*** **WARRANTY**

## Technical Data

Invicta Series Models	120	150
Cutting Size (mm/inch)	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 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	1780mm (70")	2080mm (82")
Height	1100mm (43.3")	1100mm (43.3")
Depth	1394mm (54.8")	1594mm (62.3")
Weight	290Kg = 640lbs	320Kg = 683,4lbs






\* With My Plot Software



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IMA Spa  
Via Piantada 9/A  
25036 Palazzolo sull'Oglio - Brescia [Italy]  
phone. +39 030 6485 011  
[www.imaitaly.it](http://www.imaitaly.it) - [info@imaitaly.it](mailto:info@imaitaly.it)

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# SERIES Maxima SP

*For paper, cardboard, leather, sky, fusing material and PVC*

The Maxima SP cutting system, with its compact and sturdy structure, suction table, and cutting and writing options, serves as the perfect solution for pattern cutting and marking. Its modularity, combined with high precision and cutting quality, makes Maxima SP an indispensable partner for pattern making studios and companies requiring clothing patterns. The pattern maker can select from various cutting tools based on the weight and thickness of the paper and cardboard. Although Maxima SP primarily uses single sheets, it can also be paired with a 100 cm wide roll holder and, with the pneumatic oscillating head accessory, is suitable for creating custom prototypes and small-scale production.

## HIGHLY TECHNOLOGICAL SOFTWARE

The Ima cutting systems feature an extremely intuitive interface and are capable of importing the most common file formats. The included My PLOT software can interface with the most commonly available file formats in the market, such as .HPGL, .HPGL II, .DXF, .ISO, or .PLT, making it compatible with CAD clothing.

## QUICK TOOL CHANGE

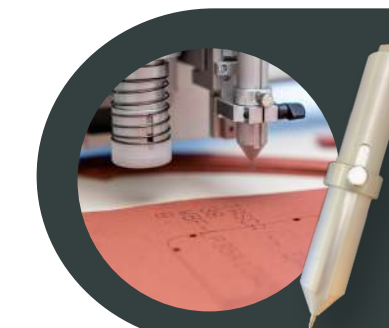
The aspirating worktable, in combination with the pneumatic clamp locking system, provides the designer with unparalleled flexibility in using different materials and unparalleled precision, not found with other systems.

## ENERGY SAVING

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

5  
YEARS  
WARRANTY

CUTTING  
and  
DRAWING  
SIMULTANEOUSLY



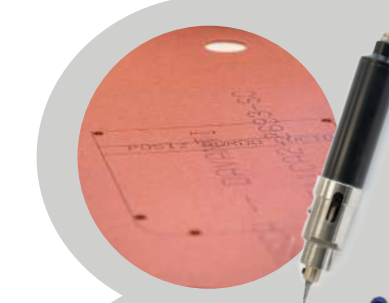
## DRAWING TOOL AP

included  
The idea is to give pattern makers a single tool which, in a small space, allows them to write on patterns for prototypes, made-to-measure garments and small series, reducing prototyping and production times and costs.



## MULTIPURPOSE TANGENTIAL DRAG KNIFE

included  
The multi-purpose cutting head is ideal for paper, cardboard and fiberboard. It is a precise cutting tool that can handle materials up to 5mm. The blades allow you to cut at full speed, ensuring the highest quality finish.



## POWERFUL PNEUMATIC OSCILLATING KNIFE

optional  
Ideal on fiberboard and rigid materials. The oscillating cutting tool is a pneumatically powered tool that combines remarkable performance with precision. Pressure resistance makes it ideal for cutting perimeter, notches and holes.



## HIGH-SPEED PNEUMATIC OSCILLATING KNIFE

optional  
High frequency tool ideal for fabric, leather and corrugated materials. It is a pneumatically powered tool that combines performance with extreme precision that combines quality and speed of execution. The high oscillation frequency makes it ideal for cutting complex shapes and small diameter circles.

## Materials

- Fiberboard / Rigid Cardboard\*
- Paper
- Leather, Fabrics and Sky
- PVC and adhesive

## Applications

- Patterns for accessories and clothing
- Cutting of Prototypes

## My PLOT

included  
Graphic interface,  
various control systems,  
cutting simulation preview



\* ROLL HOLDER  
optional

