

SPARK F

AUTOMATIC MULTI-FUNCTION
COMPACT DIGITAL
CUTTING SYSTEM

Seeker System

SPARK F

SMALL SIZE GRAT PERFORMANCE

Exceptional performance from **Spark F**; the perfect cutting and finishing system for **short run production and sample making** for the **digital printing, cardboard converting, sign, and billboard sectors**. The high performance, multi-tool cutting head uses the most advanced technology for **cutting, creasing, and engraving**.

MAIN CHARACTERISTICS

4 multi-tool for cutting and crasing **materials up to 20 mm**

Integrated patent **vision system, Seeker System™**, automatically recognises printed images and reference marks

Cuts **different materials during the same working session**, without changing tools

Working **speed** of up to **70m/min, acceleration 0.8G**

Video Projection System to **optimize material yield**, and re-use otherwise waste materials

Working area divided into powerful, concentrated vacuum sectors, for **maximum material adhesion** at all times

Solid steel structure

Design and technology **100% Made in Italy**

SOFTWARE



K3 is the latest generation innovative **software**, for the digital print industry for optimal production control. All tool and applications are easily and quickly managed using this powerful software to ensure immediate productivity.

MAIN SOFTWARE CHARACTERISTICS

Automated tools management

Vision sistem, **Seeker System™**, management

Automatic/interactive nesting

Material yield optimization

Compatible with Industry 4.0

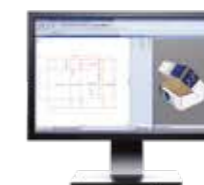


Integrate with Elitron's **Elipack CAD design software** to easily import and process designs and cutting files for the digital print sector (PDF, AI, CFF2, RIP...).

OPTIONAL SOFTWARE



ELIPACK, Elitron's **CAD design** software for **displays, packaging, and promotion**. Available in two versions: Elipack Art and Elipack Designer, both compatible with the most popular cutting systems on the market.



ELIPACK ART

Software developed in **Windows™** and **MacOS** environments, complete with **parametric model libraries** to easily create projects, customise, and adapt these with different types of materials and finishes.

ELIPACK ART CHARACTERISTICS

Design using parametric libraries

Use of parametric components

3D visualization and reports

3D export

Integration with Illustrator via plugins

ELIPACK DESIGNER

is a more comprehensive software. In addition to the Elipack Art functions, it has very intuitive drawing tools, useful for free-hand design. This software allows you to immediately **display the project in 3D view**, create clear and readable documents and animated PDFs.

CARATTERISTICHE ELIPACK DESIGNER

Includes Elipack Art

Use of parametric components

Production layout

Free design

3D export (animated PDFs)



Multi-tool head

Maximum flexibility during production, using the multi-tool cutting head equipped **with up to 4 tools simultaneously** for all production needs:

- **Fixed or Oscillating knife**, electric and/or pneumatic
- **Creasing wheel kit** with different diameters and profiles
- **Kiss-cutting knife** (half cut)
- **V-cut, 45° knife** (other cutting angles also available)
- **Cut & Crease** knife
- **Circular blade**
- **Perforator**
- **Pen module**
- **Laser pointer**

Powerful Vacuum System for perfect adhesion

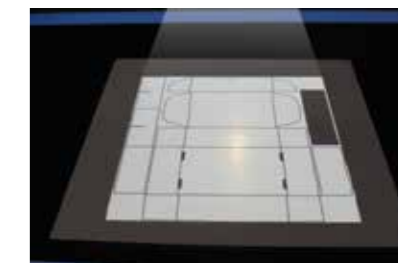
Divided into **independent vacuum sectors**, the working area is automatically managed by this powerful system using an inverter to ensure the perfect adhesion of materials during production.



Seeker System™

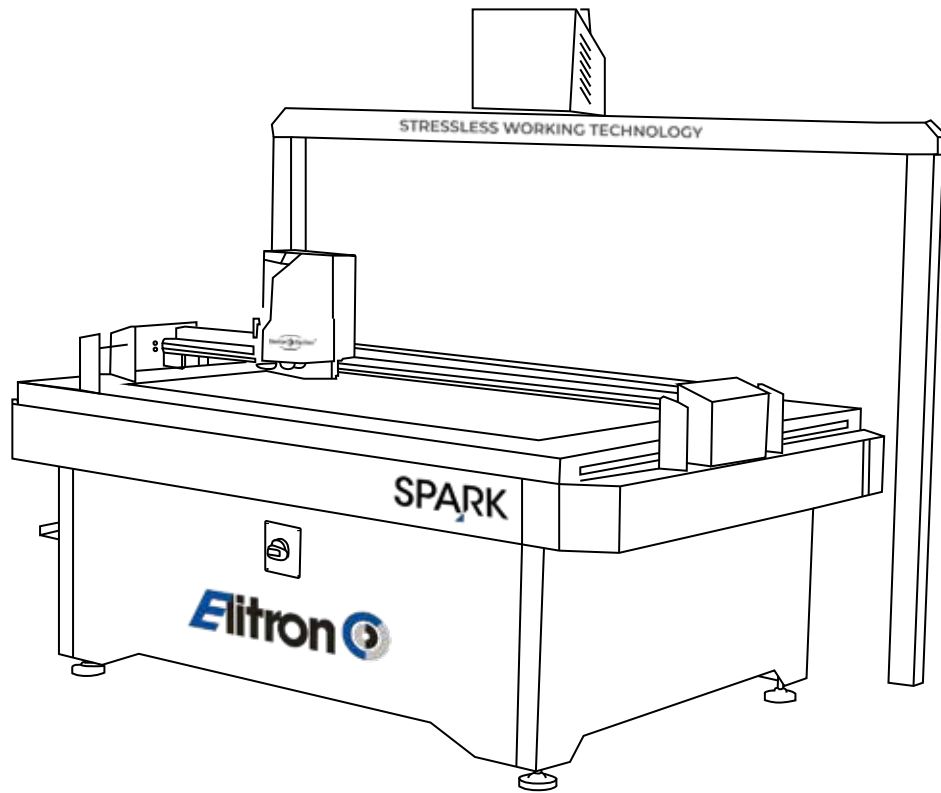
Innovative vision system that identifies the position of print reference points on materials.

This technology **enables the cutting path to be precisely positioned and aligned on the printed material**.



Stressless Working Technology

Yield optimisation using the new Stressless Working Technology which projects virtual dies onto the material. Considerable material and cost savings thanks to the possibility of re-using otherwise waste materials.



TECHNICAL INFORMATION	SPARK F 8.16	SPARK F 12.16	SPARK F 19.16		SPARK F 25.16	
Version	-	-	Standard	Video projection*	Standard	Video projection*
Working area (mm)	800 x 1600	1200 x 1600	1900 x 1600		2500 x 1600	
Vacuum sectors on working area (N)	8	8	9		12	
Machine dimensions (mm)	2650 x 1670 x 2150	2650 x 2070 x 2390	2360 x 2600	2750 x 2800	2360 x 3240	2780 x 3240
Machine height (mm)	1350	1350	1350	3100	1270	3000
Working area height (mm)	900	900	900		900	
Electrical power supply	400V 50/60Hz 10kW	400V 50/60Hz 10kW	400V 50/60Hz 10kW		400V 50/60Hz 10kW	
Pneumatic power supply	8 bar 600l/min	8 bar 600l/min	8 bar 600l/min		8 bar 600l/min	

*Optional

The technical characteristics shown in the table may undergo updates and changes due to any improvements and technological evolutions of the systems

The images have the sole purpose of presenting the product.

