

**PLAZA**

**THE RIGHT CHOICE  
FOR LEATHER CUTTING**



**Elitron**   
ROBOTIC CUTTING INTELLIGENCE

## PLAZA: A CUT ABOVE THE REST.

Plaza is the result of the ongoing R&S activities and the innovative know-how developed by Elitron over the years in the typical sectors of upholstery, that is furniture and automotive. It can cut a wide range of materials (eco-leather, natural leather, synthetic leather, textile, foam up to 10 mm) ensuring silhouettes of an excellent finishing and designed for cutting large format leathers. Plaza is ideal for those looking for quality and efficiency in a single cutting solution. **The PLAZA series is designed and manufactured** in Italy using the most advanced Elitron technologies.

### MAIN BENEFITS

Multi-tool cutting head allows high flexibility and minimizes operating time.

Perfect material hold for finishing with high quality standards thanks to the dynamic vacuum power.

Reduction of waste, optimization of material yield and easy collection with the video projection system.

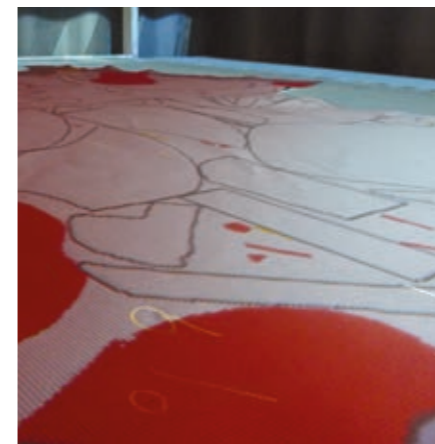
Greater stability and longer working performances thanks to the use of a solid cellular steel structure.

DOMINO Software, interfaceable with the management system, for the management of the cutting orders. DOMINO can coordinate all data (article, quantity, patterns, and materials) and in offline version, organize and plan the activity of one or more cutting units.

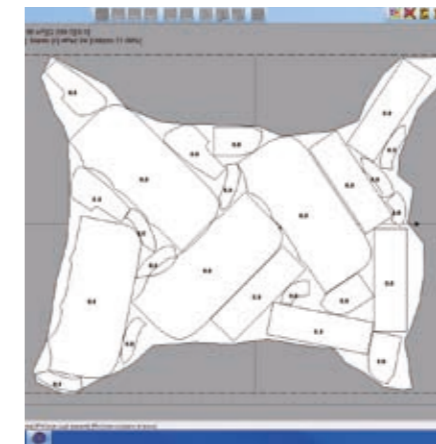
Optimization of consumption on materials thanks to the integration of the OPERA Software for automatic nesting management.

### WORKFLOW INNOVATION

#### VISIO



#### OPERA



#### PLAZA



#### More efficient workflow

In case of complex processes, the workflow managed sequentially through the VISIO acquisition tables, the OPERA offline nesting software and the cutting on the Plaza, allows to **increase productivity and optimize the material yield** as nesting is not just performed on a single hide but rather on a stock of hides scanned and stored in a digital database.

## PLAZA. The smart leather cutting solution.



#### Multi tool cutting head

Each PLAZA cutting system is equipped with multi tool head with 4 tools: **electric oscillating blade, perforator, punch and pen.** Designed for an **easy and quick maintenance**, it guarantees flexibility and modularity and allows the operator to **set the tools up in few seconds.**



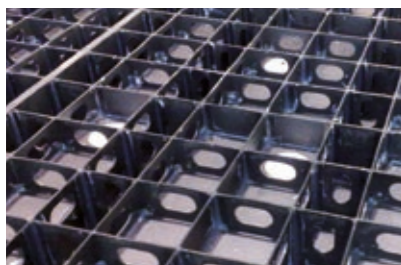
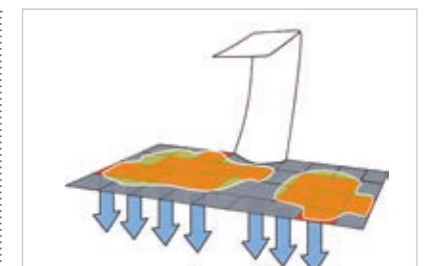
#### Video projection

To **optimize each material yield**, the system is featured with a video projection that projects the shapes of the virtual die to be cut on the material allowing to **re-use also scraps** of previous workings.



#### Dynamic vacuum system

A **powerful software managed vacuum system** holds the material down on the working area and automatically concentrates the suction power only where necessary, ensuring in this way a **perfect material cut** even with small parts or stylistic details.



#### Structure

**Steel structure with solid cellular structure** and tubular steel reinforcements. One-piece base with structure **made of welded steel**: perfect vibrations absorption and guaranteed **constant flatness** even in case of moving the cutting system.

#### Assisted collection

The video projection system also allows the operator to **unload the working area faster**, guiding it in the identification of the pieces to collect, thus **minimizing the risk of mistakes.**



## TOOLS

The tools carriage of the Plaza cutting systems are equipped with 4 tools:

- Electric oscillating blade
- Perforator device for holes up to a 5mm diameter
- Punch
- Pen



## MATERIALS

PLAZA cutting systems are able to cut a wide range of materials.

- Leather
- Eco-leather
- Synthetic Materials
- Cardboard
- Foam up to 10 mm
- Textile
- Paper



## APPLICATIONS

Unlimited creativity and productivity. Thanks to the extraordinary flexibility of the PLAZA, is possible to realize a wide range of manufacturing and be innovators in sectors such as:

- Upholstery
- Automotive
- Aeronautic
- Furniture
- Leather goods
- Apparel



## TECHNICAL FEATURES

	Plaza			
	v. 32.16	v. 31.20	v. 40.25	v. 62.25
<b>CUTTING SURFACE</b>				
Depth (mm)	1600	2050	2500	2500
Width (mm)	3200	3150	4000	6200
<b>SPEED</b>				
Max speed	72 m/min.			
<b>MACHINE DIMENSION</b>				
Depth (mm)	2940	2870	3380	3460
Width (mm)	4700	5800	5900	7600
Height (mm)	3550	3800	2950	3960
<b>VACUUM SECTORS</b>				
Sectors	32	40	60	96
<b>SUPPLY</b>				
Power supply	Tri-phase + neutral 230÷400 VAC 50÷60 Hz 17 Kw	Tri-phase + neutral 230÷400 VAC 50÷60 Hz 10 Kw	Tri-phase + neutral 230÷400 VAC 50÷60 Hz 21 Kw	Tri-phase + neutral 230÷400 VAC 50÷60 Hz 28 Kw
Pneumatic supply	8 BAR			



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