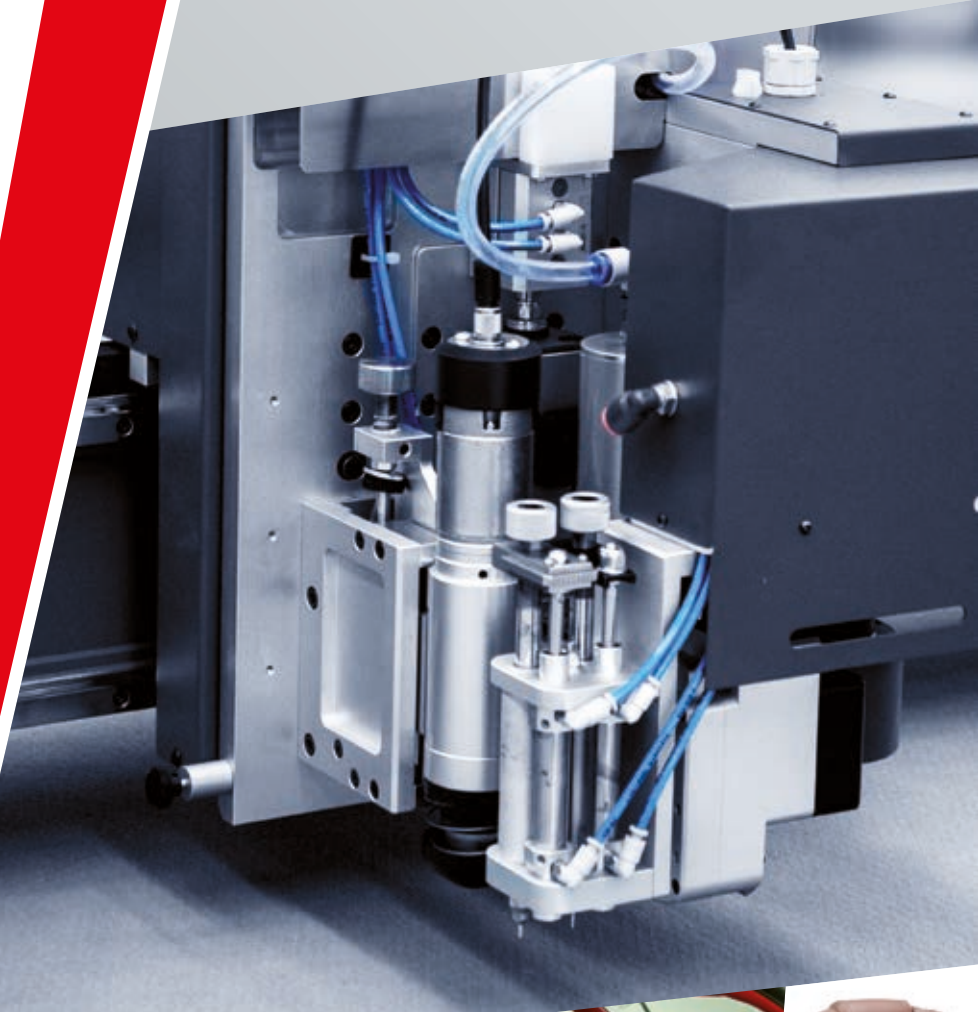


PLAZA T

THE SOLUTIONS
FOR AN INTELLIGENT CUTTING



Elitron 
ROBOTIC CUTTING INTELLIGENCE

PLAZA T: MAXIMUM FLEXIBILITY IN THE LEATHER CUT.

PLAZA T is the cutting system designed by Elitron for applications on **large format leathers** and **materials of greater consistency** typical of the world of **upholstery, saddlery** and **furniture**. PLAZA T can be **equipped with a wide range of tools** to guarantee extreme versatility and **high-quality standards** on productions that require complex processes by combining, in the same session, processes normally carried out in different phases.

MAIN BENEFITS

Possibility to work large format leathers easily simplifying the workflow.

Operational flexibility and reduced setup times thanks to the multi tool cutting head.

Robust cellular steel structure for greater stability and longer working performances.

High-quality finishing thanks to the perfect material yield guaranteed by the dynamically concentrated vacuum system.

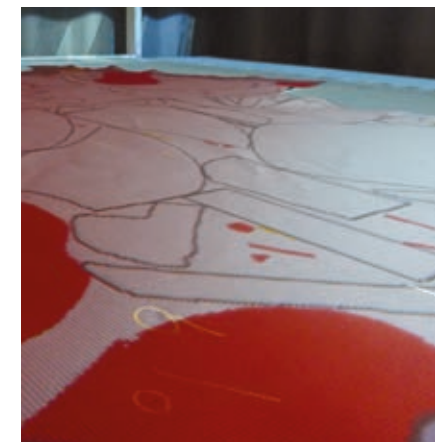
Optimization of the material yield with a consequent reduction of waste and easy collection supported by the video projection system.

DOMINO Software can be synced with the ERP for the management of the cutting schedule. It allows gain control over all the data (article, quantity, patterns, and materials) and, in its offline version, plan the activity of one or more cutting units..

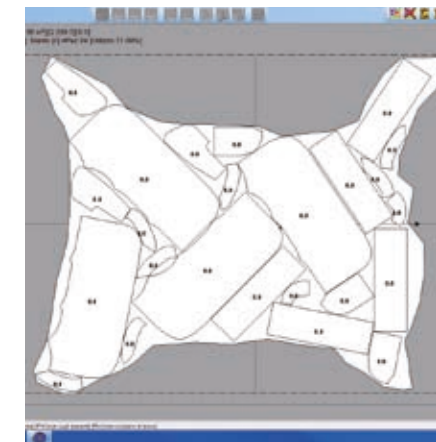
The integration of the OPERA Software, dedicated to the management of automatic nesting, increases the materials savings.

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 T, 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 T. Versatility, power and precision.



Multi tool cutting head

PLAZA T is equipped with a multi-tool head with up to 5 tools: **electric (or pneumatic) oscillating blade, alternatively, perforator or milling router, creasing wheel or motorized circular blade plus a pen and a laser pointer.**

This wide selection allows to work on all those high consistency materials hides, regenerated, rubbers, plastics and allows the **creation of stylistic details** that rise finished product quality standards. Designed for an easy and quick maintenance, thanks to its modular design, allows the operator to change the tools in a few seconds.

Video projection and Assisted Collection

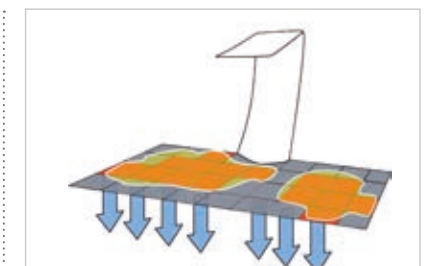
To optimize each material yield, the system is featured with a video projection that projects the shapes of the virtual die to be cut on the material allowing to **re-use also scraps** of previous workings.

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.**



Dynamic vacuum system

Holding the material down is essential to ensure the utmost cutting quality standards. This is possible thanks to a **powerful vacuum system** that, managed by a software, concentrates automatically the suction only where necessary, allowing for **perfect material cut** even with small parts or stylistic details.



Structure

Steel structure with solid cellular structure and tubular steel reinforcements for a perfect absorption of vibrations and guarantee of **constant flatness** even in case of moving the cutting system.

Beam height

Depending on client specific production needs, **3 different beam heights are available** on PLAZA T: 20mm, 50mm and 120mm; so that it can also be **used on technical or foam materials.**



PLAZA T

TOOLS

The tools carriage of the Plaza T cutting systems are equipped with 5 tools:

- Slot 1: - Electric oscillating blade
- Pneumatic oscillating blade
- Slot 2: - Perforator device for holes up to 5mm diameter
- Mill
- Slot 3: - Creaser
- Motorized circular blade
- Slot 4: - Pen
- Slot 5: - Laser



MATERIALS

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

- Leather
- Regenerated leather
- Synthetic
- Foam
- Textile
- Rubber
- Polycarbonate
- Plastic
- Cardboard



APPLICATIONS

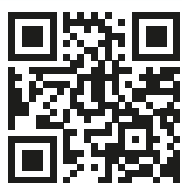
The latest in terms of quality and accuracy for your creativity. Thanks to the flexibility of the multi tool cutting head, Plaza T allows to perform with unique quality many applications for industries like:

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



TECHNICAL FEATURES

| TECHNICAL FEATURES | Plaza T | | |
|---|--|--|--|
| | v. 32.16 | v. 31.20 | v. 40.25 |
| CUTTING SURFACE | | | |
| Depth (mm) | 1600 | 2000 | 2500 |
| Width (mm) | 3200 | 3100 | 4000 |
| SPEED | | | |
| Max Speed | 72 m/min. | | |
| MACHINE DIMENSION (with video projection) | | | |
| Depth (mm) | 2650 | 2860 | 3400 |
| Width (mm) | 4800 | 5040 | 5900 |
| Height (mm) | 2500 | 2550 | 3950 |
| VACUUM SECTORS | | | |
| Sectors | 32 | 40 | 60 |
| SUPPLY | | | |
| Power supply | Tri-phase + neutral 220÷400 VAC 50÷60 Hz 10 Kw | Tri-phase + neutral 220÷400 VAC 50÷60 Hz 12 Kw | Tri-phase + neutral 220÷400 VAC 50÷60 Hz 21 Kw |
| Pneumatic supply | 8 BAR | | |



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