

KUDOS

MAXIMUM PRODUCTIVITY
IN A MINIMUM FOOTPRINT



Elitron 
ROBOTIC CUTTING INTELLIGENCE

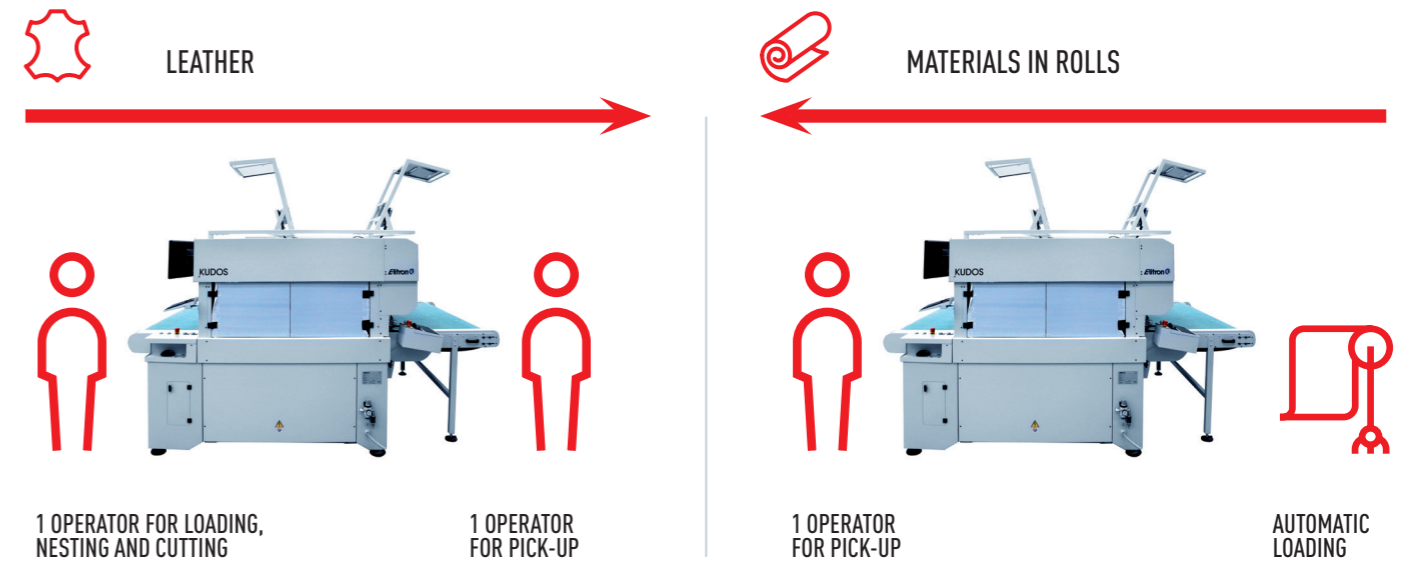
KUDOS: DOUBLE PERFORMANCE.

Kudos is the innovative cutting system dedicated to the world of footwear, leathers, textiles and synthetic materials in rolls. Synonymous of productivity and reliability, thanks to the two independent cutting heads, the conveyor working area and the automated nesting (optional), Kudos can cut leather, synthetic materials and textiles – both monolayer and multilayer – cellulose and other materials. Kudos is available with two different working areas, 1600 mm and 2000 mm, depending on the width of the processing materials.

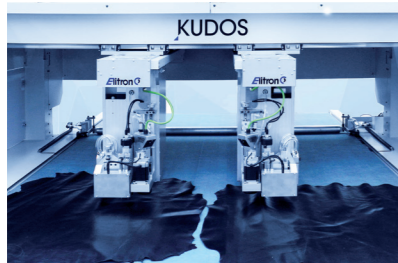
MAIN BENEFITS

- Seamless workflow and non-stop productivity thanks to the conveyor work area.
- Double independent cutting head to optimize and increase productivity.
- Reduction of waste, optimization of material yield and easy collection with the video projection system.
- Greater stability and longer working life thanks to the 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 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.

DOUBLE WORKFLOW

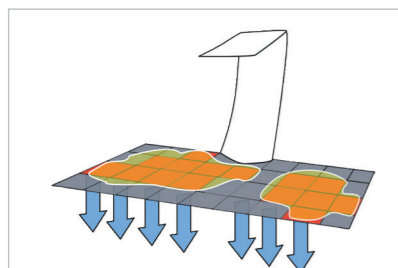


KUDOS. The solution for roll materials cutting.



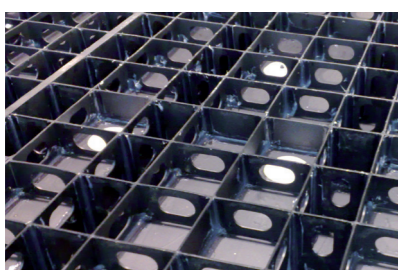
Double multi tool cutting head

The two multi tool heads are equipped with electric or pneumatic oscillating blade (for critical materials), two perforators, punch and pen. They are designed for an easy maintenance and to guarantee a continuous workflow for large volumes.



Dynamic vacuum system

A powerful vacuum system, managed by software, allows holding the material on the worktop by automatically concentrating the suction force only where necessary, ensuring in this way a perfect material cut even with small parts or stylistic details.



Structure

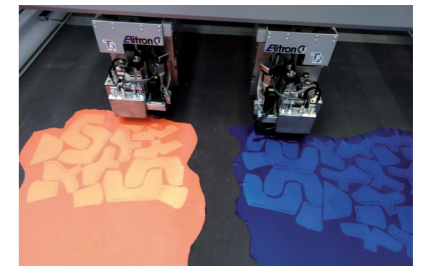
Steel worktop with solid cellular structure and tubular steel reinforcements. One-piece base with structure made of welded steel: perfect absorption of vibrations and guarantee of constant flatness even in case of moving the cutting system.



KUDOS

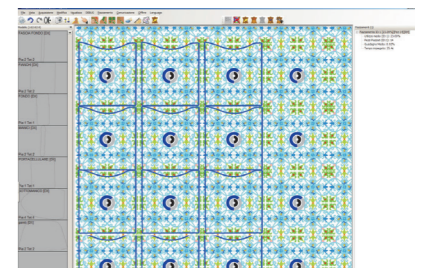
Video projection

To optimize the yield of each single material, the system is equipped with video projection which projects the shapes of the virtual dies on the material allowing to re-use also scraps of previous jobs.



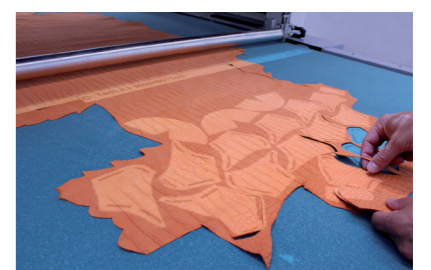
Nesting methods

The nesting can be carried out:
- Interactively by the operator supported by video projection;
- Automatically thanks to EliNest nesting software (standard) or to the more powerful Opera (optional) or to NesCUT software for an intelligent automatic nesting on materials with printed logo and textures. Outside the machine with the nesting table Visio.



Supported collection

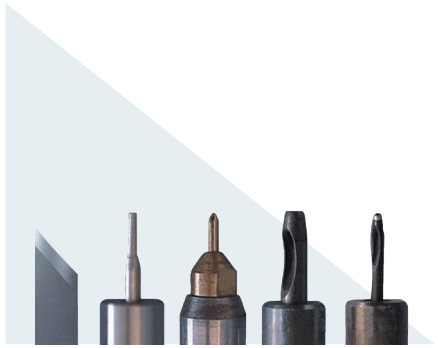
The Video projection allows the operator to unload the working area faster by guiding the identification of the pieces to collect thus reducing the risk of mistakes.



5+5 TOOLS

Each tools carriage is equipped with:

- Electric (or pneumatic) oscillating blade
- 2 Perforator devices for holes up to a 5mm diameter
- Punch
- Pen



MATERIALS

The KUDOS cutting systems can cut a wide range of materials:

- Leather
- Synthetic Materials (sheets and rolls)
- Texon
- Fibrous cardboard
- Textile



APPLICATIONS

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

- Apparel
- Footwear
- Leather goods
- Furniture



TECHNICAL FEATURES

Kudos

	v. 1.6	v. 2.0
CUTTING SURFACE		
Depth (mm)	N	N
Width (mm)	1600	2000
SPEED		
Max speed	70 m/min.	
MACHINE DIMENSION		
Depth (mm)	3570	3570
Width (mm)	2440	2750
Height (mm)	2400	2100
VACUUM SECTORS		
Sectors	24	24
SUPPLY		
Power supply	Tri-phase + neutral 400 VAC 50Hz 16 Kw	Tri-phase + neutral 400 VAC 50Hz 16 Kw
Pneumatic supply	4/6 BAR - 200 l/min	



ELITRON IPM srl
Viale I Maggio, 42
63813 Monte Urano (FM)-Italy.

+39 0734.842221
elitron@elitron.com
www.elitron.com

Elitron 
ROBOTIC CUTTING INTELLIGENCE