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UNI EN ISO 9001:2015 Certified
Quality Management Company

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ULTRACUT
Cutting System



ULTRACUT



The Ideal Solution for Single-Ply Cutting

Ultracut is the professional choice for a variety of industries, ensuring precision, speed, and reliability in every cut.

MAIN FEATURES OF ULTRACUT

- **Versatile:** Suitable for different types of materials.
- **Fast and Precise:** Quick cutting with high precision.
- **Efficient:** Optimization of the cutting process thanks to its homogenous suction.
The homogenous suction of the cutting table allows, depending on the fabrics, cutting without plastic improving efficiency and cut quality.

APPLICATION MARKETS

Ultracut can serve different markets thanks to its ability to cut various materials, including technical ones. Some examples of markets and materials:

- **Fashion:** Fashion fabrics including laminated ones.
- **Furniture:** PU, leather, non-woven fabrics.
- **Footwear:** Leather, PU, mesh.
- **Composite:** PVC, fiberglass, carbon fiber, etc.
- **Special Materials:** Medical protection fibers, foam, batting, rubber, nylon, Kevlar.

CONTROL SOFTWARE

The Ultracut control software allows setting and modifying cutting parameters quickly, intuitively, and safely. The ability to set specific parameters for different materials and cuts makes the process highly customizable.

TECHNICAL ASSISTANCE

The technical assistance service, available both by phone and via the web, ensures real-time support for the operator to work with complete peace of mind.

AVAILABLE OPTIONS

Ultracut can be completed with various options depending on specific needs: Electric Oscillating Tool (EOT); Rotary disc (Pizza wheel); Drag Knife; Pneumatic Oscillating Tool (POT); I punch tool; V punch tool; O punch tool; Inkjet printing head; Kiss Cut for stickers; Pen Tool; Simulator Tool.

Other Optional Accessories: **ARC Live Positioning** (Panels/Strips/Frames fixed floor support one camera 180x180 das4cut software nesting).

TECHNICAL SPECIFICATIONS OF ULTRACUT

- **Model:** Ultracut-ML
- **Maximum cutting speed:** 132 m/min
- **Maximum acceleration:** 8 (m/s²)
- **Cutting accuracy:** ±0,05 mm
- **Maximum oscillating blade speed:** 18000 rpm
- **Electrical supply:** 400V ±10%, 50-60Hz
- **Compressed air:** 300NI/min - 8 bar
- **Industrial standards:** CE UNI EN292/1, 292/2, 349, 294 (noise level < 85dB)

Intelligent and Safe Management:

- **Barcode Import:** Barcode ordering for easy, quick, and efficient input.
- **Dynamic LED Light:** Dynamic LED lights for a clear indication of machine status.

ULTRACUT TECHNICAL DATA

Working Area W x L (cm)	120 x 150	150 x 250	170 x 250	190 x 250
Overall dimensions L x W x H (cm)	286 x 199 x 130.1	386 x 229 x 130.1	386 x 249 x 130.1	386 x 269 x 130.1
Overall dimensions long table L x W x H (cm)	-	530 x 229 x 130.1	530 x 249 x 130.1	530 x 269 x 130.1
Weight (Kg)	2000			
Power Installed (kW)	18			
Average Consumption (kW)	13			
Power supply Tension	400V±10%, 50-60HZ			
Max cutting thickness (mm)	20			

With the aim of improving its machinery FKgroup reserve the right to change the technical characteristics without prior notice.

