

## ***E-Cut***

*Simplify your process:  
electrify your cutting*

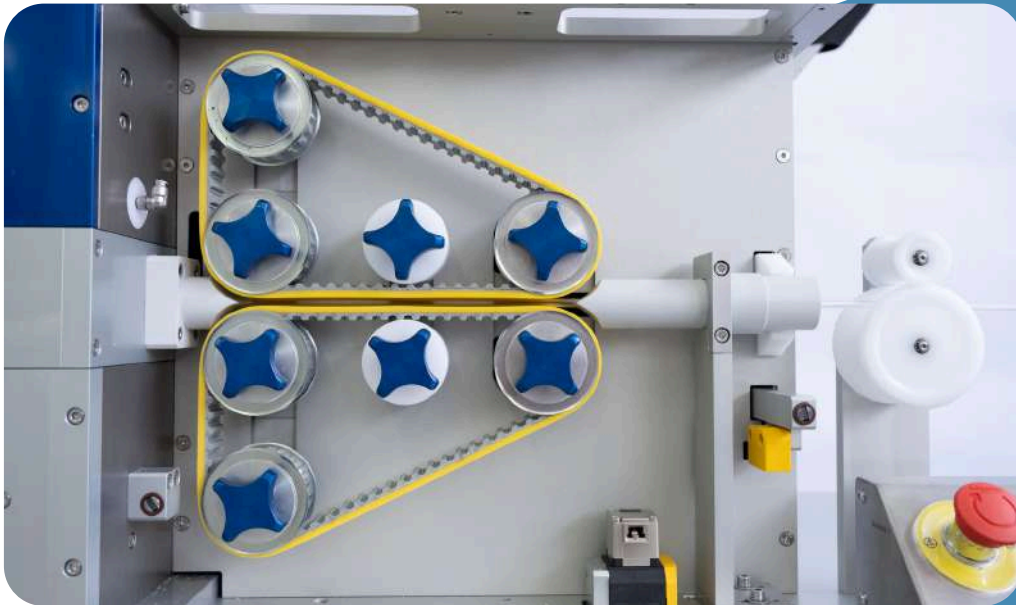


*A smart 100% electric solution.*

# E-Cut

*Simplify your process: electrify your cutting*

**E-Cut is a 100% electric cutter, specifically designed for the medical devices industry**



## **100% ELECTRIC INNOVATION**

E-Cut is the new fully electric tube cutting machine developed by Tecnoideal. Designed to ensure maximum efficiency and reliability, E-Cut eliminates the need for compressed air, simplifying installation while reducing operating and maintenance costs.

## **PERFORMANCE WITHOUT COMPROMISE**

E-Cut represents a step forward in tube cutting technology, combining Tecnoideal's mechanical expertise with the search for more efficient and sustainable solutions. Thanks to its electronic cam system, E-Cut delivers perfectly orthogonal cuts even at top speed, ensuring premium quality for every piece. Engineered for those who demand high performance without compromise.

## **FLEXIBLE INTEGRATION**

The machine can be connected either to a tube coil or directly to the extrusion line, offering maximum operational flexibility. Its high-precision cutting system guarantees clean, consistent results — ideal for continuous production processes.

## **COMPACT, CLEAN, AND SUSTAINABLE**

Thanks to its compact, all-electric design, E-Cut contributes to a cleaner, quieter, and more sustainable working environment. The modular structure and intuitive control interface make it easy to integrate into any automated production line.



## TECHNICAL DATA

	Coil	Extrusion line
<b>Tube diameter</b>	from 2 to 12 mm	from 2 to 25 mm
<b>Tube length</b>	from 10 mm to 10 mt	
<b>Batch</b>	available	not available
<b>Speed*</b>	up to 165 m/minute	
<b>Tolerance **</b>	2% from 50 mm to 10 m	

<b>Recipes</b>	up to 50
<b>Tube material allowed</b>	PVC - more available upon request
<b>Power supply</b>	115/220 V
<b>Power consumption</b>	1,5 kW
<b>Noise</b>	below 80 dB
<b>Remote assistance</b>	available
<b>Languages available</b>	5 languages (English, Italian, French, Spanish, German) - more available upon request
<b>Accessories &amp; kit</b>	<ul style="list-style-type: none"> <li>• Needles of 3 different diameters that, thanks to interchangeable tips, cover all tube diameters.</li> <li>• Every interchangeable tip is equipped with the corresponding bushing.</li> <li>• For coil tube cutting, the machine is sold with a dedicated uncoiler.</li> </ul>

\* The operational speed is determined by the system and the tubes in use: an uncoiler allows for up to 110 m/min, while an extrusion line can reach 165 m/min. The output depends on the tube diameter and on the cut length.

\*\* These data were obtained and verified using a PVC tube with a diameter of 5,5x3,5 mm. 2% accuracy for lengths from 50 mm to 10 m.



## ***Inside the process***

With over 30 years of experience, TECNOIDEAL offers high added value services in the area of medical product production that run the gamut from single-workstation machines to full assembly lines for semifinished products and medical devices. Our machines are used by the biggest medical devices manufacturers.

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