



[www.coilwindingmachines.eu](http://www.coilwindingmachines.eu)

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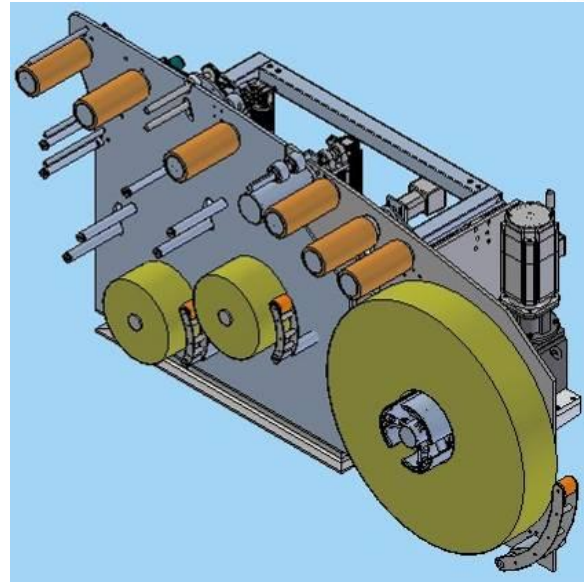
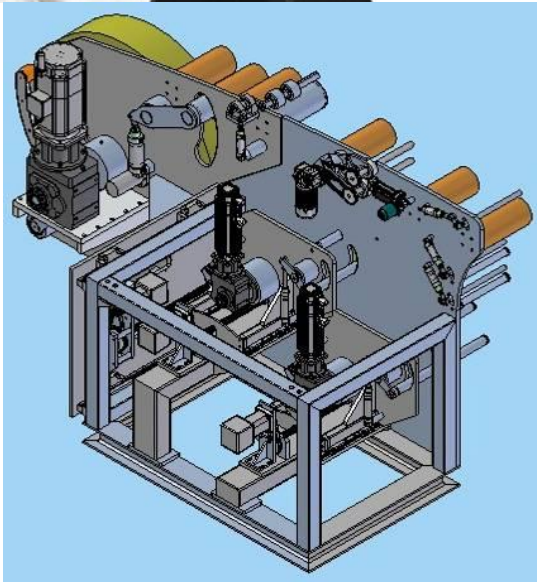
Unit 5L, Delta Drive, Tewkesbury, Glos. GL20 8HB. United Kingdom.

## **STRIP FOIL WINDING MACHINE SERIES**

One of the latest developments at Erasan Zinzo is the range of foil winding equipment, with high-tech control features, improving quality of winding and reducing maintenance to a minimum.

Primarily used for winding of *Cast Resin / Air Cooled* transformers, the machines shown below are some of those already delivered, along with concept drawings showing a basic machine layout.

There are various configurations possible, with coil widths up to 2.3M with a winding area of **1.8M**. This allows winding of a wide range of transformer sizes and number of strips as required.



We aim to be much more than a machinery supplier. Our team has a vast range of winding experience and is able to offer help and advice on all aspects of coil winding, from tooling design to machine choice and set-up.

**~ Coil winding solutions you can rely on ~**

REPRESENTING  & erasan

 ACROSS EUROPE

 icwa  
THE INTERNATIONAL  
COIL WINDING ASSOCIATION

 FSB  
FEDERATION OF  
SPECIALISTS OF  
FOIL WINDING

Working with local partners in the following countries;

Austria, Czech Republic, Germany, Hungary, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden.



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By using very large powerful "Parker motor" with integrated gear box drive systems, a strong robust machine construction is achieved



Each mandrels foil or insulation has independent traversing system, with feedback from edge sensor, providing perfectly aligned coils

Various stages / process of automation can be added to the function of the machine according to your requirements. Shown here is a cold pressure welding station, used for fixing the terminal leads "in-line" during the winding.



**Please contact your local partner for more information**

## **TECHNICAL CHARACTERISTICS.**

Various configurations of machine available depending on your application requirements.

For example:- 1 foil, 1 insulator // 1 foil, 2 insulators.

Max foil width .....	25 up to 150 mm
Max foil Thickness.....	0.1 up to 1.5mm-Al (1.2mm-Cu)
Extent of traverse.....	up to 6,000 mm
Max Distance between points.....	up to 2,300 mm
Max coil width.....	up to 1,800 mm
Max coil Diameter.....	up to 1,300 mm
Max coil weight .....	up to 2.000 Kg
Guider precision .....	Built in sensor detecting the foil / paper edge creates independent continuous feedback loop to ensure precise turn on tum foil layering.
Type of programming .....	CNC- industrial PC

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