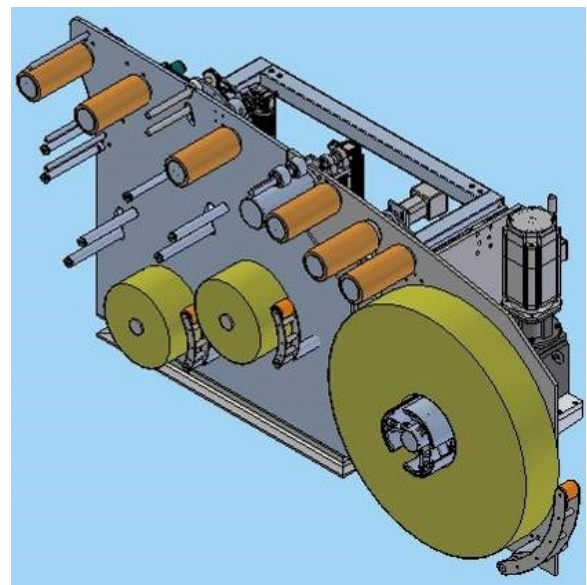
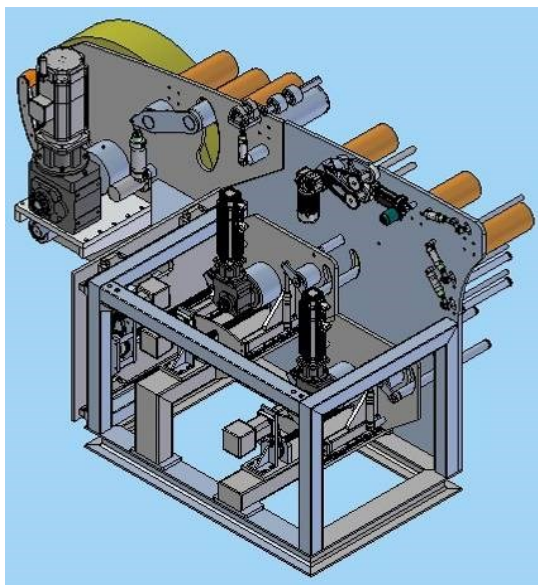
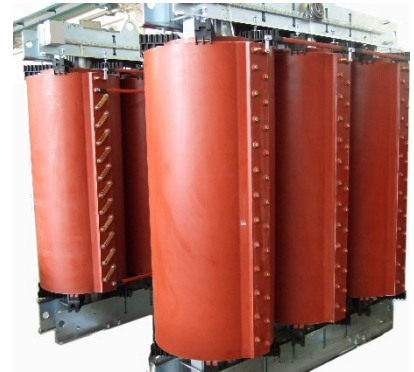


STRIP FOIL WINDING MACHINE SERIES

One of the latest developments at Erasan Technology 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

WORKING WITH LOCAL PARTNERS IN THE FOLLOWING COUNTRIES; Austria, Czech Republic, Germany, Hungary, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden.

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



REPRESENTING
erasan
ACROSS EUROPE

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Each mandrel's foil or insulation has independent traversing system, with feedback from an edge sensor, producing perfectly aligned coils

The system incorporates high torque Parker servo motors with integrated reduction drive systems for precision control.

Additional processes and stages of automation can be included in 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.



TECHNICAL CHARACTERISTICS

Various configurations of machine available depending on your application requirements.
Eg. 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 feedback loop to ensure precise turn on foil layering |
| Type of programming | ----- | CNC- industrial PC |

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