



www.coilwindingmachines.eu

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

E-300W WINDING MACHINE – “Industry 4.0”

DESCRIPTION Small-sized bench winding machine.

Equipped with: -

- ✓ Traverse head
- ✓ Sturdy base
- ✓ Tailstock - with security lock,
- ✓ Guider system
- ✓ Controlled by numeric PLC and electronic programming.
- ✓ Safety shielded foot pedal (Optional).

This machine is designed for the manufacture of solenoids, inductors and transformers, (with capacity to make multiple windings).

There are various configurations of speed ranges, up to 13,000 rpm (depending on machine version). This produces a fast cycle time for high turn primary windings.



TECHNICAL CHARACTERISTICS.

| | |
|------------------------------------|----------------------|
| Max. Winding length | 285 mm |
| Max Wire pitching Ø | 99 mm |
| Max. distance between points | 370 mm |
| Max. Winding Ø | 240 mm |
| Face plate diameter | 60 mm |
| Guider precision | 0,001 mm |
| Spindle Resolution | 0,01 turns |
| Main shaft motor | Brushless servomotor |
| Guider motor | Brushless servomotor |
| Electrical source | 230Vac - 50 Hz |
| Dimensions (L*W*H) | 1000 x 520 x 310 mm |
| Net Weight (approx) | 140 Kg |

Torque and speed

There are many versions of the drive system, please contact your local representative to discuss your requirements.

| E300W | |
|-------------|-------------|
| SPEED (rpm) | TORQUE (Nm) |
| 13.000 | 1 |
| 2.750 | 5 |

| E300W -1 speed Direct Drive | | E300W -1 speed Direct Drive | |
|--------------------------------|-------------|--------------------------------|-------------|
| SPEED (rpm) | TORQUE (Nm) | SPEED (rpm) | TORQUE (Nm) |
| 200 | 19 | 300 | 50 |

| E300W R | | E300W N | | E300W G | | E300W G+ | |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| SPEED (rpm) | TORQUE (Nm) | SPEED (rpm) | TORQUE (Nm) | SPEED (rpm) | TORQUE (Nm) | SPEED (rpm) | TORQUE (Nm) |
| 9.000 | 2 | 6.000 | 3 | 3.000 | 5 | 1.600 | 9 |
| 6.000 | 3 | 3.000 | 6 | 1.500 | 10 | 800 | 18 |
| 3.000 | 6 | 1.500 | 12 | 750 | 20 | 400 | 36 |

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 ~



ACROSS EUROPE



Working with local partners in the following countries;

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



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PROGRAMMING CHARACTERISTICS.

| | |
|--|--|
| User interface..... | 7inch (178mm) Colour Touch Screen |
| No. of programmable windings | Max. 1,000 |
| No. of windings per coil..... | 10,000 program & 200 winding per program |
| - when connected to a local network..... | Virtually infinite storage |
| Software language | Main European |
| Type of programming..... | CNC |
| Network Connectivity (Ethernet plug) | RJ45 |
| Delivery Time | 60 Days from order confirmation |

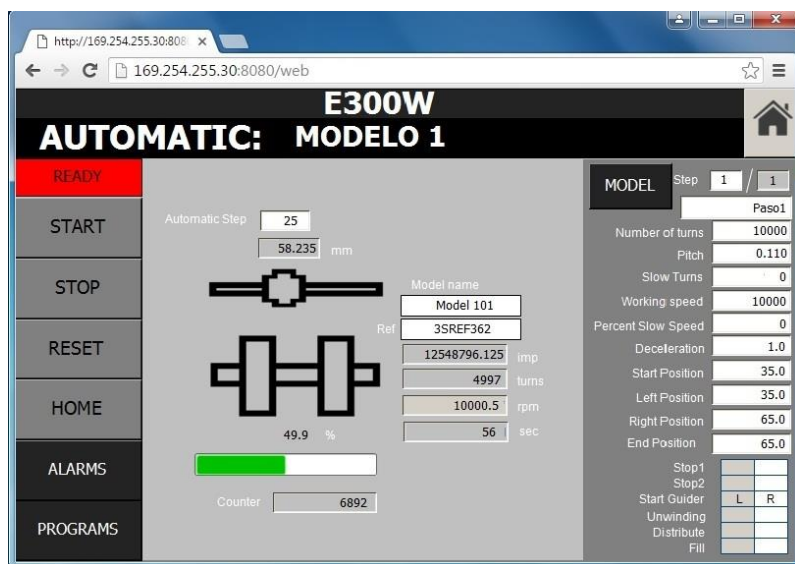
KEY BENEFITS OF THE NEW E-300W

The new range of solutions has been designed in accordance with the “**Industry 4.0**” concept, providing capabilities for traceability, remote control and process monitoring

The E-300W provides a combination of high performance with reduced cost and a “state-of-the art” control system.

The new hardware platform reads variables and parameters in “real time” and makes them available online.

Operators, managers, quality controllers and engineers can view the “live” information via the Internet from anywhere in the world using any “smart” device - for example, a laptop, tablet computer or even a Smartphone.



Built-in network functionality:

- Save and recall programs from the main company server,
- Check the status of the winding machine from anywhere in the world.
- Setup using the touch screen or remote control using laptop or tablet.
- Programs are easily searched and selected.
- Easy back up to Cloud storage.

This is the first in a new line of machines from ERASAN - “value engineered” without losing the focus on maximum performance.

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