

## E-1200W WINDING MACHINE

### DESCRIPTION

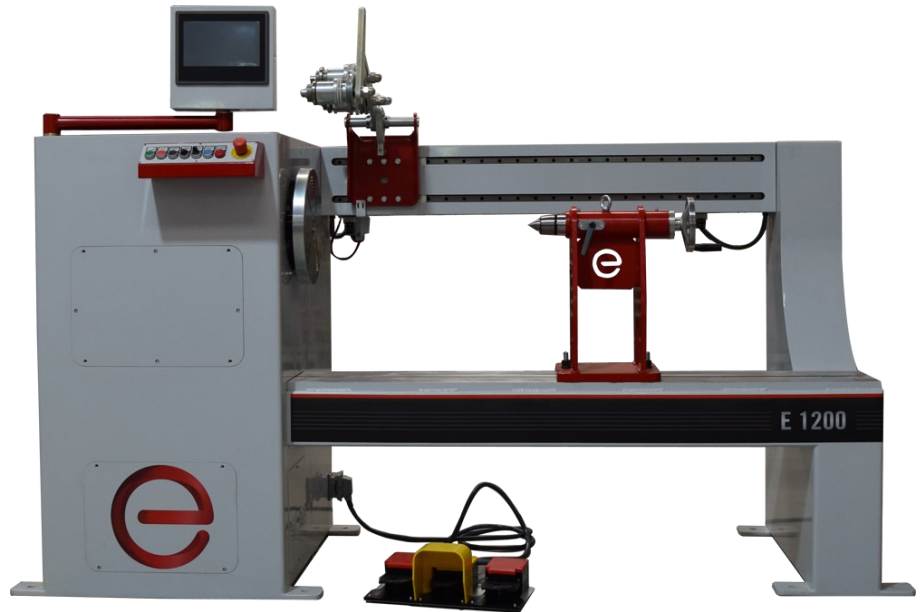
The E-1200 is a floor standing style winding machine, medium sized to be easily placed in a factory or workshop, equipped with head and bench in galvanised steel and covered in stainless steel, fixation plate, tailstock with security closure, guider system protection and pedal.

The machine is governed by numeric control and CNC electronic programming.

This machine is specially designed for the manufacture of solenoids and power and distribution transformers from 10 to 1.200 KVA, using aluminium or copper wires, including rectangular or flat wires with a special guider.

The wide range of velocities, up to 500 r.p.m, permits primary and secondary windings on the same machine, thus reducing the production processes.

The concept and design facilitate the placement of necessary accessories such as end-fillers, insulation paper or foil, of various types.



### TECHNICAL CHARACTERISTICS

Wire Ø (and profile wire)	0.01 - 30 mm
Max winding length	1.100 mm
Max distance between points	1.200 mm
Max winding Ø	800 mm
Guiding precision	0.01 mm
Winding shaft speed	500/250 rpm*
Main shaft motor	Brushless Servo Motor
Guider motor (Brushless)	0.4 HP / 300 W
Power supply	3 x 380 Vca-50/60 Hz
Max load between points (coil weight)	1,000 kg
Approx machine weight	1,200 kg

\* The standard machine is available in two models, high speed and low speed

\*\* The head has two belt positions; the position directly depends on the product to be wound. E.g. Wire cross-sectional area & Coil diameter > torque required.

Belt Position *	High Speed 500 RPM		Low Speed 250 RPM	
	Torque (Nm)	Speed (rpm)	Torque (Nm)**	Speed (rpm)
1	172	500	413	242
2	1033	96	1447	69

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.



**Contact us**

Tel: +44 (0) 1684 273164

Email: enquiry@ingridwest.co.uk

**PROGRAMMING CHARACTERISTICS**

User interface (touch screen)..... 10inch (254 mm)  
 No. of winding programs (per SD card) ..... Max. 10,000  
 No. of windings per coil ..... Max. 200  
 Type of programming .....CNC  
 Typical delivery time (please confirm at time of order)..... 90 Days

**SIMPLE & EFFECTIVE MACHINE OPERATING SOFTWARE**

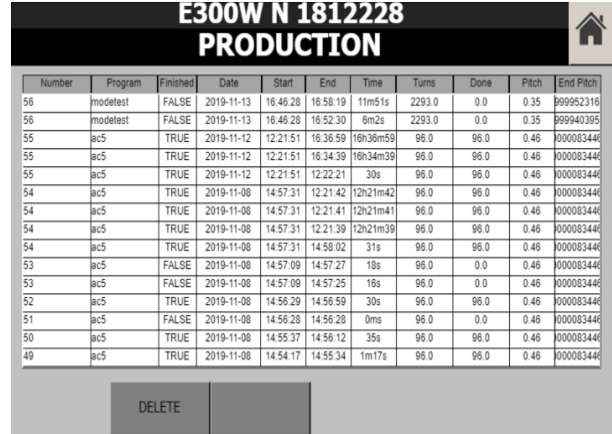
The new range of solutions has been designed in accordance with the “Industry 4.0” concept, providing capabilities for traceability, remote control and process monitoring.

The E-1200W 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.



Number	Program	Finished	Date	Start	End	Time	Turns	Done	Pitch	End Pitch
56	modeltest	FALSE	2019-11-13	16:46:28	16:58:19	11m51s	2293.0	0.0	0.35	899952316
56	modeltest	FALSE	2019-11-13	16:46:28	16:52:30	6m2s	2293.0	0.0	0.35	899940395
55	ac5	TRUE	2019-11-12	12:21:51	16:36:59	16h36m59s	96.0	96.0	0.46	000083446
55	ac5	TRUE	2019-11-12	12:21:51	16:34:39	16h34m39s	96.0	96.0	0.46	000083446
55	ac5	TRUE	2019-11-12	12:21:51	12:22:21	30s	96.0	96.0	0.46	000083446
54	ac5	TRUE	2019-11-08	14:57:31	12:21:42	12h21m42s	96.0	96.0	0.46	000083446
54	ac5	TRUE	2019-11-08	14:57:31	12:21:41	12h21m41s	96.0	96.0	0.46	000083446
54	ac5	TRUE	2019-11-08	14:57:31	12:21:39	12h21m39s	96.0	96.0	0.46	000083446
54	ac5	TRUE	2019-11-08	14:57:31	14:58:02	31s	96.0	96.0	0.46	000083446
53	ac5	FALSE	2019-11-08	14:57:09	14:57:27	18s	96.0	0.0	0.46	000083446
53	ac5	FALSE	2019-11-08	14:57:09	14:57:25	16s	96.0	0.0	0.46	000083446
52	ac5	TRUE	2019-11-08	14:56:29	14:56:59	30s	96.0	96.0	0.46	000083446
51	ac5	FALSE	2019-11-08	14:56:28	14:56:28	0ms	96.0	0.0	0.46	000083446
50	ac5	TRUE	2019-11-08	14:55:37	14:56:12	35s	96.0	96.0	0.46	000083446
49	ac5	TRUE	2019-11-08	14:54:17	14:55:34	1m17s	96.0	96.0	0.46	000083446

**ACCESSORIES**

The wide range of accessories designed to work with the E-1200W includes guiders for round and square wires, wire tensioning and de-reeling systems, paper and insulation material feeders.

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