INGRID WEST MACHINERY LTD
www.coilwindingmachines.eu

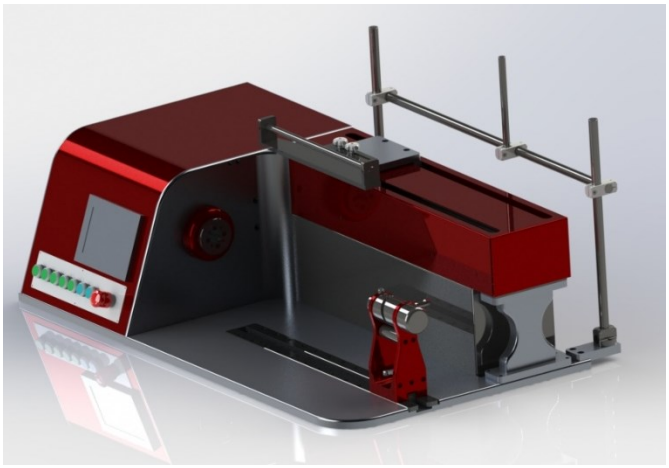
Tel: +44(0)1684 273164
Fax: +44(0)1684 273171
Email: enquiry@ingridwest.co.uk

E-300 WINDING MACHINE

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), and small distribution and power transformers.

There are various configurations of speed ranges, up to 9,000 rpm (depending machine version). This produces a fast cycle time for high turn primary windings.

TECHNICAL CHARACTERISTICS.

Max. Winding length	390 mm
Max Wire pitching	99 mm
Max. distance between points	500 mm
Max. Winding	350 mm
Face plate diameter	80mm
Guider precision	0,01 mm
Spindle Resolution	0,01 turns
Main shaft motor	(Brushless servomotor) 6Nm/3000 r.p.m
Guider motor	(Brushless servomotor). 1.4NM
Power supply	220Vac - 50Hz

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.

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TORQUE AND SPEED

Winding shaft speed _____ 3000 rpm / 6000 rpm / 9000 rpm

Torque and speed (** There are three version of this machine each having three belt positions)

Belt Position	G version - 3000 RPM		N version - 6000 RPM		R version - 9000 RPM	
	Speed (Rpm)	Torque (Nm)	Speed (Rpm)	Torque (Nm)	Speed (Rpm)	Torque (Nm)
1	3000	6	6000	3	9000	2
2	1500	12	3000	6	6000	3
3	750	24	1500	12	3000	6

PROGRAMMING CHARACTERISTICS.

User interface _____ 7inch (178mm) T.Screen Color
No. of programmable windings . _____ Max. 10,000 (per SD card)
No. of windings per coil _____ . Max. 200
Software language. _____ Main European
Type of programming _____ CNC
Delivery Time _____ 60 Days from order confirmation

KEY BENEFITS OF THE NEW E-300

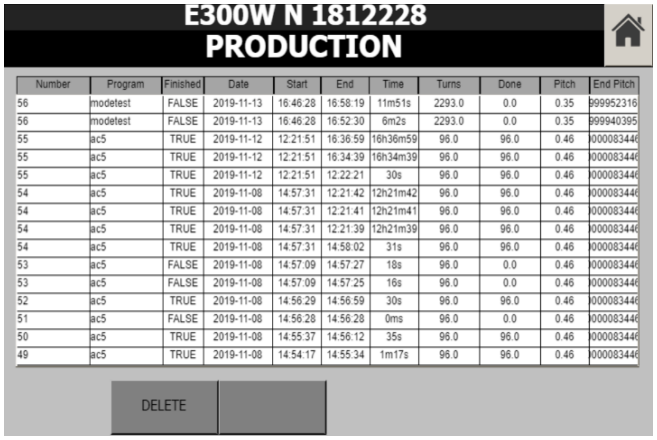
Energy Efficiency

The “green efficiency” design concept of this machine reduces power consumption. All motors are synchronous and each movement has been optimised for improved energy efficiency.

Simple & effective machine operating software

The all-new machine operating software has an intuitive graphical interface and a 7-inch (178mm) full colour touch screen with user’s choice of language – making programming a new coil easier than it has ever been.

Programs are stored on solid-state media - directly to a standard SD memory card. This allows a fast and simple backup, with the option of Windows ™ software -
“WINbobbin” - for full PC connectivity.



Number	Program	Finished	Date	Start	End	Time	Turns	Done	Pitch	End Pitch
56	modetest	FALSE	2019-11-13	16:46:28	16:58:19	11m51s	2293.0	0.0	0.35	999952316
56	modetest	FALSE	2019-11-13	16:46:28	16:52:30	6m2s	2293.0	0.0	0.35	999940395
55	ac5	TRUE	2019-11-12	12:21:51	16:36:59	16h36m59	96.0	96.0	0.46	000083446
55	ac5	TRUE	2019-11-12	12:21:51	16:34:39	16h34m39	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	12h21m42	96.0	96.0	0.46	000083446
54	ac5	TRUE	2019-11-08	14:57:31	12:21:41	12h21m41	96.0	96.0	0.46	000083446
54	ac5	TRUE	2019-11-08	14:57:31	12:21:39	12h21m39	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

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