

C.D.TECNOLOGIE

AVVOLGITRICI LINEARI
COIL WINDING MACHINES



erasan
TECHNOLOGY

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C.D.TECNOLOGIE

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C.D.TECNOLOGIE S.r.l.

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A full range of machines to support production of solenoids, relays, inductances, transformers (with the ability to make multiple windings), large inductors, power distribution transformers and motor coils.

All machines are customizable to better fit the customers production and their particularly needs; speeds and torques available, combine with a full range of accessories allow the customer to choose the right solution.

ERASAN winding machines are equipped with last generation of brushless motors and of CNC controller for a an heigh efficiency of the winding program; a user-friendly display helps the operator during the daily operations.

Remote service is available (on board of the machines) for a simple and immediate connection to support the customers.

Aluminum or copper round wires, rectangular or flat wires (edge winding included), foils, paper or tape, with special guider and accessories, can be use on ERASAN machines.

E300W WINDING MACHINE



DESCRIPTION

The E-300W is a top table style winding machine, small size, body made in steel, equipped with spindle, tailstock, guider system and pedal (optional) and of course, safety door. The machine control and programming are made by a CNC and a user-friendly display; head and guider are drive by brushless motors.

- Wire \varnothing 0.01 – 3 mm (depending on the configuration)
- Max winding length 260 mm
- Max distance between points 370 mm
- Max coil \varnothing 240 mm
- Overall dimension 1050 x 605 x 330 mm
- Power supply 230Vac – 50/60Hz – 2.2Kw

STANDARD SPEED AND TORQUE SPECIFICATION (rpm / Nm)

E300WN	E300WN+	E300WG	E300WG+	E300WR	E300W13K	E300WDD19
6.000 / 3	6.000 / 3	3.000 / 6	1.600 / 9	9.000 / 2	13.000 / 1	200 / 19
3.000 / 6	3.000 / 6	1.500 / 12	800 / 18	6.000 / 3	2.750 / 5	DD = Direct Drive
1.500 / 12	750 / 24	750 / 24	400 / 36	3.000 / 6		

E300 WINDING MACHINE



DESCRIPTION

The E-300 is a top table style winding machine, small size, body made in steel, equipped with spindle, tailstock, guider system and pedal (optional) and of course, safety door. The machine control and programming are made by a CNC and a user-friendly display; head and guider are drive by brushless motors.

- Wire \varnothing 0.01 – 3 mm (depending on the configuration)
- Max winding length 390 mm
- Max distance between points 570 mm
- Max coil \varnothing 350 mm
- Overall dimension 1250 x 735 x 450 mm
- Power supply 230Vac – 50/60Hz – 2.2Kw

STANDARD SPEED AND TORQUE SPECIFICATION (rpm / Nm)

E300N	E300WR	E300WG		STR	DD25	
6.000 / 3	9.000 / 2	3.000 / 6		300 / 60	300 / 25	
3.000 / 6	6.000 / 3	1.500 / 12		DD = Direct Drive	DD = Direct Drive	
1.500 / 12	3.000 / 6	750 / 24				

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E600 WINDING MACHINE



DESCRIPTION

The E-600 is a floor standing style winding machine, medium size, body and table made in steel, equipped with spindle, tailstock, guider system and pedal (optional) and of course, safety door. The machine control and programming are made by a CNC and a user-friendly display; head and guider are drive by brushless motors.

- Wire \varnothing or size 0.01 – 10 mm (depending on the configuration)
- Max winding length 600 mm
- Max distance between points 740 mm
- Max coil \varnothing 600 mm
- Overall dimension 1600 x 965 x 1450 mm
- Power supply 400vac+N+GND – 50/60Hz – 2.5kw

STANDARD SPEED AND TORQUE SPECIFICATION (rpm / Nm)

E600 STR	E600 DD85	E600 DD75	E600 2S			
300 / 130	420 / 85	600 / 75	3.000 / 25	250 / 75		

E900 WINDING MACHINE



DESCRIPTION

The E-900 is a floor standing style winding machine, large size, body made of highly rigid, mechanically welded steel, equipped with fixation plate, tailstock, guider system and pedal and of course, safety door. The machine control and programming are made by a CNC and a user-friendly display; head and guider are drive by brushless motors.

- Wire \varnothing or size 0.01 – 30 mm (depending on the configuration)
- Max winding length 800 mm
- Max distance between points 910 mm
- Max coil \varnothing 500 mm
- Overall dimension 2150 x 1200 x 1650 mm
- Power supply 400vac+N+GND – 50/60Hz – 5.5kw

STANDARD SPEED AND TORQUE SPECIFICATION (rpm / Nm)

E900 1S	E900 2S		E900 1 STR			
200 / 300	400 / 165	200 / 300	96 / 1033			

E1200 WINDING MACHINE



DESCRIPTION

The E-1200 is a floor standing style winding machine, large size, body made of highly rigid, mechanically welded steel, equipped with fixation plate, tailstock, guider system and pedal and of course, safety door. The machine control and programming are made by a CNC and a user-friendly display; head and guider are drive by brushless motors.

- Wire \varnothing or size 0.01 – 30 mm (depending on the configuration)
- Max winding length 1100 mm
- Max distance between points 1200 mm
- Max coil \varnothing 800 mm
- Overall dimension 3000 x 1520 x 1830 mm
- Power supply 400vac+N+GND – 50/60Hz – 5.5kw

STANDARD SPEED AND TORQUE SPECIFICATION (rpm / Nm)

E1200 1S	E1200 2S		E1200 STR	E1200 SGB		
96 / 1033	360 / 270	96 / 1033	50 / 2580	500 / 186	333 / 279	166 / 558 111 / 837

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E1200C WINDING MACHINE



DESCRIPTION

The E-1200C is a floor standing style winding machine, large size, body made of highly rigid, mechanically welded steel, equipped with fixation plate and pedal. The machine control and programming are made by a CNC and a user-friendly display; head is drive by brushless motor; due to the intended application of this machine, it does not have a bench or wire guiding system.

STRIP FOIL 300



DESCRIPTION

Compact foil winding machines are typically used for the manufacture of high current Low Voltage (LV) transformers with windings in copper or aluminum foil. They can be equipped with cold compression or tig welding devices, automatic insulation paper feeders and tape feeders; machine is fitted with expandable mandrels. The machine control and programming are made by a CNC and a user-friendly display.

- Max speed 40 rpm
- Max winding length (foil width) 300 / 400 mm
- Max finished coil weight 400 Kg
- Max finished coil \varnothing 550 mm
- Others type or size, available on request

E100F1+2 FOIL WINDING MACHINE DESCRIPTION



Foil winding machines are typically used for the manufacture of high current Low Voltage (LV) transformers with windings in copper or aluminum foil. They can be equipped with cold compression or tig welding devices, automatic insulation paper feeders and tape feeders; machine is fitted with expandable mandrels. The machine control and programming are made by a CNC and a user-friendly display.

- Max speed 40 rpm
- Max winding length (foil width) up to 1500 mm
- Max finished coil weight 1200 Kg
- Max finished coil \varnothing 900 mm

Others type or size, available on request

ACCESSORIES

A wide range of accessories are available to fit all ERASAN machines described above.



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