

SKEINING UNITS. 1 OR 2 SPINDLE VERSION

APPLICATION:

When making a fine wire connection to a bobbin pin, the mechanical strength of a single strand of wire may not be sufficient to form a reliable termination.

The heat applied during soldering will often cause fine wires to dissolve into the solder, further reducing the quality and reliability of the termination.

The skeining unit reinforces the start and finish leads of the winding by twisting multiple strands of the wire together. The increased mass and mechanical strength of the wire following skeining enables it to withstand the termination and soldering processes.



Benefits include

- Coil reliability is increased
- Reduced wire breaks frequency during terminating and handling
- Fewer open circuit coils after over moulding or encapsulation.
- Increased resistance to vibration induced failures particularly in automotive applications

Machine Features

- Programmable number of strands and shuttle speed.
- Programmable number of twists and speed.
- Programmable skein length.
- Motorised programmable skein contraction
- Serial Link for integration with winding machine.
- Easily interfaced with most winders.
- Storage for 50 programmes.
- Diamond polished ceramic guides throughout.
- Frictionless take-up arms. Easy thread tensioners. Quiet belt driven shuttle. Fast cycle time.
- Minimal maintenance. Minimal size loops.

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



Clear, simple programming



Diamond polished ceramics throughout



Minimal size loops



Integral Disc Tensioner with easy thread discs



Serial Link connection. Easily interfaced with most winders

Machine Specifications

Number of spindles	-----	1 or 2
Wire diameter range.	-----	Standard 0.02-0.12 mm
Wire diameter range.	-----	Fine. 0.018-0.05 mm
Skein length	-----	50-300mm *other models available, please consult
Tensioner	-----	Integral disc type. 4 posts per spindle
Spindle pitch	-----	22 mm
Shuttle speed	-----	Variable to 120m/min
Twisting speed	-----	Variable to 14,000 rev/min
Programmable control of:	-----	Number of strands in skein 3-19
-----	-----	Number of twists
-----	-----	Skein length
-----	-----	Contraction rate
-----	-----	Tension plate operation (winding tension/skeining tension)
Program storage	-----	50 programs
Operation	-----	Manual start or fully automatic with the winding machine
Interface	-----	Relay or RS 232
Power supply	-----	100-240V 50/60 Hz
Bench mounting stand	-----	Available at additional cost. Specify height required
Floor mounting stand	-----	Available at additional cost. Specify height required

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