

WHITELEGG MACHINES

ELECTRIC MOTOR REPAIR DIVISION



The AL Range of Coil Winding Machines with automatic wire guide.

- Ideal for winding small transformers and solenoids
- Very robust and reliable
- Layer winder with automatic stop at pre-set number of turns.
- Ideal for small batch and “specials”
- Excellent repeatability and accuracy
- Comes as a complete production unit, mounted on a table with wire tensioning and de-reeling devices, full safety guarding and foot pedal operation.
- Optional infinitely variable DC drive

- Constructed from robust aluminium castings and high grade steel.
- The wire guide is driven to and from by reversing dog gears via a lead screw. The traverse direction can be changed manually by a lever. The reverse carriage can be released by a quick release nut and moved to any desired position.
- The tailstock is provided with a ball race and quick release lever. The machine is provided with a universal winding spindle with cones for easy clamping of the bobbins.
- The two stage wire range is selected by a lever and adjusting wheel. An easily read scale shows the wire pitch setting.
- The machines are driven by a single or three phase motor incorporating an enclosed mechanical clutch and brake which is foot-pedal operated. The clutch can be slipped and the hand wheel used to rotate the winding shaft.
- All models are supplied with an auto-stop facility comprising of a five figure pre-determining electronic counter and electronic brake.

COIL WINDING MACHINES

Technical Data AL Winding Machines

MODEL	AL-1	AL-1M	AL-2	AL-3	AL-5
WIRE RANGE	0.06-1.40	0.06-1.40	0.10-2.80	0.16-4.00	0.16-4.00
COIL DIAMETER	Max 180	Max 180	Max 260	Max 300	Max 300
DISTANCE BETWEEN CENTRES	250	360	290	300	440
COIL LENGTH	5-190	5-300	5-218	5-220	5-380
WINDING SPINDLE DIAMETER	10	10	10	14	14
SPEED RANGE	1400/3000	1600/3400	370/650 1150/1950	217/380 800/1380	217/380 800/1380
DE-REELERS INCLUDED	TNR/R, TC	6 x TC	TGS, TC	TGS, TC/R	TGS TC/R
DRIVE MOTOR	1 Phase 180 Watt 4000 RPM	1 Phase 250 Watt 4000 RPM	3 Phase 550 Watt 1400 RPM	3 Phase 550 Watt 1400 RPM	3 Phase 550 Watt 1400 RPM
NET WEIGHT	104 kg	147 kg	125 kg	135 kg	150 kg
DIMENSIONS (L X W X H) (mm)	800x 800x 1600	1100x 1020x 1600	800x 800x 1600	800x 800x 1600	1100x 840x 1600

REFERENCE : AL
PRICE LIST/ DATA SHEET : E50

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