

WHITELEGG MACHINES

ELECTRIC MOTOR REPAIR DIVISION



Model 3E - Armature Winding Machine

- Rotating Armature
- Wire sizes up to 1.6 mm diameter
- Dual purpose armature and coil winding machine
- Standard stator coil formers can be used
- Infinitely variable winding speeds
- Two pole armatures only
- Ideal for repair workshops or short batch production

Technical Specification ►

COIL WINDING MACHINES

Technical Data 3E Armature Winding Machine

CAPACITY	30 to 150 mm diameter 50 to 150 mm core length
WIRE SIZE	0.3 to 1.6 mm diameter
WINDING SPEEDS	Infinitely variable to 500 rpm. (100 rpm for armature winding)
WINDING HEAD	Infinitely adjustable for diameter. Interchangeable plate guides for core length. (Core length reduced to approximately 130 mm for skewed slots unless special plates used).
WINDING MECHANISM	Armature held between adjustable centres mounted on a faceplate. Winding head mounted on tailstock to freely rotate when clamped to armature slots. The armature rotates coiling wires into slots.
AUTOMATIC TURNS COUNTER	Two program pre-determined electronic counter in conjunction with electro-magnetic brake accurately controls the number of turns per coil. Program 1 controls the machine at pre-set winding speed, changes over automatically to program 2, slow speed to position flier and stop machine.
OPERATING CONTROL	Foot pedal control. Counter stops the machine at cycle end. Indexing is manual.
ELECTRICAL EQUIPMENT	0.75Kw motor with electronic variable speed drive, associated control switches, relays and FAIL SAFE electro-magnetic brake.
APPROXIMATE SHIPPING SPECIFICATION	180 x 91 x 142 cm Net Weight 300Kg Gross Weight 400Kg