

3E Armature Winding Machine

<http://www.whitelegg.com/products/electric-motor/electric-motor-manufacture/3e-armature-winding-machine>

Flexible and very robust armature winder with easy set up tooling

Drive is by an AC motor with inverter speed controller to a 3-speed gearbox. Gear run in an oil bath for ultimate protection and longevity. The predetermining digital revolution counter allows an automatic slowdown to achieve an accurate angular stopping position via an electric brake.

Armature core diameter: 30 – 100mm

Armature stack length: 50-130mm

Wire range: 0.3 – 1.5mm diameter

Shaft length: max. 400mm

Tooling adjustable for straight and skewed slots. The machine is fitted with a 500mm diameter faceplate and end support with revolving centre which allows it to be used for winding transformers and stator coils. Inclusive of one type T1 wire tensioner and dereeler.

Winding with two or three wires in parallel is possible which requires additional T1 units.

For armatures with very short slot span, special tooling is required.

