

# HCM-390 Medium Duty Coil Winding Machine with Tailstock

<http://www.whitelegg.com/products/coil-winding/electric-motor-rewind-and-repair/hcm-390-medium-duty-coil-winding-machine-with-tailstock>

**For the production of coils for electric motor stators or transformers, this machine represents excellent value and versatility**

- Ideally suited for the winding of electric motor field coils for motor up to approximately 250 kW.
- It is equally suited for the winding of transformer coils up to 100 kg.
- Solid welded steel fabricated base - very robust.
- The machine is driven by a single phase motor with an inverter speed controller.
- Speed range is 0-700 rpm in three gear ranges via a heavy duty gearbox. The correct torque can therefore be selected for each job. The maximum torque is 980 Nm. The maximum speed can be set by a panel mounted potentiometer.
- The machine is supplied with a foot pedal for the independent speed control up to the maximum preset on the potentiometer.
- The machine is fitted with a electronic digital revolution counter with pre-selection so that it will slow down before the final revolution count is reached and, with the aid of an electric brake, stop at a precise angular position. This is particularly useful when winding sets of field coils, and the operator is always able to obtain the cross-over in the correct position.
- Fitted with low level tailstock with revolving centre.
- Fitted with 160 mm self centering chuck and winding spindle. Optional 500 mm faceplate for accepting Whitelegg coil winding arbors for electric motor stator winding.



Maximum coil cross section	250 mm <sup>2</sup>
Maximum coil diameter	1300 mm
Maximum coil length	900 mm

Maximum coil weight	100 kg
Dimensions	225 x 825 x 145 cm 420 kg
Supply	230 V single phase 50/60 Hz 2.5 kW