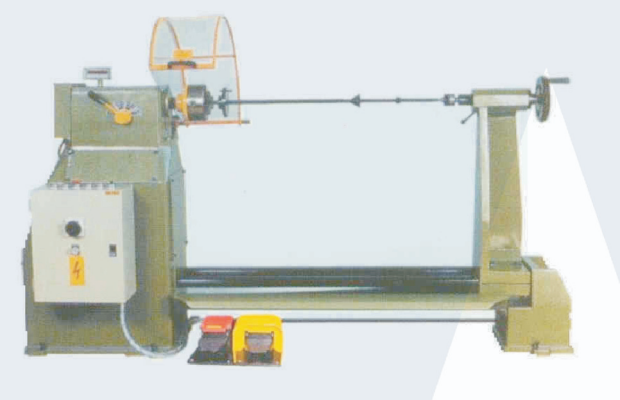
Whitelegg



Model **HCM-390** fitted as standard with a 3 jaw chuck system and detachable winding mandrel ready to accept winding formers

MODEL HCM-390 Coil Winding Machine with bed and tailstock

Ideally suited for the winding of electric motor field coils for motor up to approximately 200 kW.
It is equally suited for the winding of transformer coils up to 110 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 38 Kgm. 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.
This model can also be supplied with a 500 mm diameter faceplate suitable for the fitting of fixtures for winding electric motor field coils.
For greater torque requirements model **HCM-390S** is available with torque up to 100 kgm.

Specification

Maximum Coil Diameter: 1500 mm depending on winding fixtures used and guarding type fitted
Dimensions: 2220 x 820 x 1430 mm. Weight 426 kg
Power Supply: 230/250V, 50/60Hz single phase.
Motor Power: 1.5 kW
Speed ranges 0-80, 0-300 and 0-700 rpm

**Whitelegg Machines Ltd., 19 Crompton Way,
Manor Royal, Crawley, West Sussex, RH10 9QR, UK
Phone: +44 (0) 1293 526230 • Fax: +44 (0) 1293 538910
Email: info@whitelegg.com • Web: www.whitelegg.com**

Coil Winding Machines

Whitelegg

Model **HCM-420** fitted with either a 3 jaw chuck system and detachable winding mandrel ready to accept winding formers or a 500 mm faceplate as shown

MODEL HCM-420 Coil Winding Machine with bed and tailstock

Ideally suited for the winding of electric motor field coils for motor up to approximately 500 kW.
It is equally suited for the winding of transformer coils up to 400 kg between centres or up to 600 kg with cup bearings.
Heavy Duty cast iron frame - very robust.
The machine is driven by a three phase motor and inverter
Speed range is 0-380 rpm in six gear ranges via a heavy duty gearbox where tempered steel gears run in an oil bath. The correct torque can therefore be selected for each job. The maximum torque is 675 kgm at 5 rpm.
The maximum speed can be set by a panel mounted potentiometer.
The machine is supplied with a foot pedal for 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.
This model can also be supplied with a 500 mm diameter faceplate suitable for the fitting of fixtures for winding electric motor field coils.
For transformer winding an optional multi stop microprocessor can be fitted in order to stop the winding operation for each tapping.

Specification

Maximum Coil Diameter: 1300 mm Distance between centres 2000 mm.
Dimensions: 3500 x 820 x 1370 mm. Weight 1050 kg
Power Supply: Three Phase 400 V + Earth.
Motor Power: 3.0 kW
Speed ranges: 5, 16, 40, 48, 140, 373

**Whitelegg Machines Ltd., 19 Crompton Way,
Manor Royal, Crawley, West Sussex, RH10 9QR, UK
Phone: +44 (0) 1293 526230 • Fax: +44 (0) 1293 538910
Email: info@whitelegg.com • Web: www.whitelegg.com**

Coil Winding Machines