Ridgway POM-CC
CONTINUOUS COIL FORMING MACHINE

Designed to simultaneously form single and multi-turn coils in phase groups of up to eight coils.

Continuous Coil Forming Machine...

The POM-CC servo driven coil forming machine is used to simultaneously form single and multi-turn coils in phase groups of up to eight coils.

Enabling the fast and effective winding of stators, this turn-key production solution dramatically reduces the number of winding connections required. Simple to operate, production efficiencies of 50% can easily be achieved.

Servo motor drives
The POM-CC incorporates the latest servo drive technology. A total of six axes, powered by AC servo motors and precision ball screws are used to position the machine.

Precision control
Resolver feedback ensures accurate and repeatable positioning of the machine axes.

Tooling and fixtures
Exclusive bespoke tooling design is incorporated offering a complete manufacturing solution.

Operator HMI control
Easy to operate control console to enable operation of the machine and PC programming of the pull-out sequences. Coil winding details can also be stored within the control system for future use.

Safety
Ensuring that safety is paramount feature, the operational area of the machine is guarded by a safety light curtain.

Turn-key solution
To complement the POM-CC, a complete range of loop winders, loop winder tooling, turn tapers and drum stands is available.

SPECIFICATION

Coil stack height
Dependent on tooling

Coil stack width
Dependent on tooling

Length of cell (coil straight)
Max: 1000mm
Min: 380mm

Overall loop length (eye to eye)
Max: 2000mm
Min: 875mm

Angle between coil sides
Max: 120° (included)
Min: 0°

Coil spread
Max: 900mm
Min: 150mm

Top quality solutions to all your coil manufacturing requirements are only a contact call away...