

# Ridgway POM-WPB WIND & PULL-OUT BEAM

*Designed for the efficient winding and forming of single and multi-turn coils in phase groups of up to seven coils.*



## Wind & Pull-Out Beam...

For a versatile and cost effective solution the POM-WPB wind and pull-out beam offers a simple production solution to dramatically reduce the overall coil manufacturing time.

The POM-WPB enables phase groups of single and multi-turn coils to be loop wound and pulled-out in one operation.

### Quick, accurate set up

▼ The POM-WPB is fully adjustable. For reference, linear scales are fitted to the beam, ensuring fast and accurate setups can be achieved.

### Easy to operate

▼ Operation of the wind and pull-out beam could not be simpler. Once set, the desired loops are traditionally wound with the conductors being guided into the tooling by the operator. The coil forming screw arrangement is then rotated until the desired coil spread dimension is achieved.

### Tooling and fixtures

▼ Exclusive bespoke tooling design is incorporated, offering a complete manufacturing solution. Variable length slot section and interchangeable loop bend radius tooling are available.

### Turn-key solution

▼ The wind and pull-out beam is a standalone fixture designed to fit to an existing winding machine faceplate. Offering a turn-key solution, to complement the POM-WPB, a complete range of winding machines and drum stands is also available.

### Operator platforms

▼ Optional work platforms are available, designed to ensure a safe working environment for your operators.

## ▼ SPECIFICATION

### Wind & Pull-Out Beam

#### Coil stack height

Max: 50mm

Min: 10mm

#### Coil stack width

Max: 17mm

Min: 5mm

#### Length of cell (slot length)

Max: 1520mm

Min: 440mm

#### Overall loop length (eye to eye)

Max: 2300mm

Min: 756mm

### Winder

#### Maximum torque

Up to 5000 Nm

#### Speed range

0 to 20 rpm

#### Bi-directional

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



# Ridgway MACHINES

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