

Ridgway **W-RHD** **ROTOR WINDING MACHINES**

Designed for bi-directional, indexed winding of rotor pole coils



Rotor Winding Machine...

For a complete solution to enable the fast and effective winding of rotor pole coils.

Geared servo drive system

▼ The W-RHD incorporates the latest servo drive technology. A variable speed geared motor directly drives the main spindle, providing a high torque capability throughout the speed range.

Pneumatic holding brake

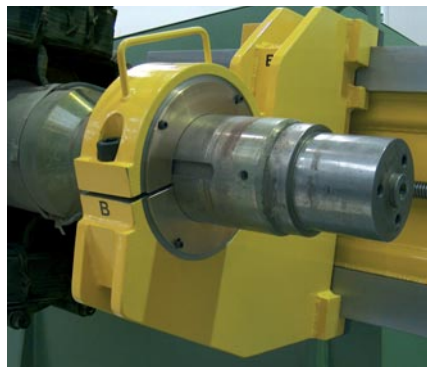
▼ The spindle is fitted with a pneumatic holding brake to ensure a positive stop.

Operator controls

▼ The main control panel used to vary speed and direction of rotation is mounted on a free standing pedestal giving greater operator flexibility. The operator has full control of both the acceleration and deceleration through the entire speed range simply by using the remote foot pedal.

Drum stands

▼ A range of single and double friction braked or wear free active tensioned drum stands is available.



Capstan tension unit

▼ For optimum conductor control a range of pneumatically actuated single or double capstan tension units is available.

Indexing

▼ Rotor support tooling available, featuring indexing clamps, enabling easy repositioning of the rotor between winding cycles.

Tooling and fixtures

▼ Providing you with greater flexibility, a large faceplate is fitted as standard to enable easy direct fitting of existing tooling. Exclusive tooling/fixture design can also be incorporated offering you a complete solution.

▼ SPECIFICATION

Rotor Winder

Maximum torque
Up to 10000 Nm

Speed range
0 to 10 rpm

Maximum rotor weight

W-RHD5000 Up to 5000kg

W-RHD10000 Up to 10000kg

Faceplate centre height

1300mm (other heights available)



Capstan tension unit

Variable tension control

Adjustable guide rollers

Pneumatic brake override

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



Ridgway
MACHINES

LEICESTER, ENGLAND

TELEPHONE: +44 (0)116 235 3055

EMAIL: sales@ridgwayeng.com

www.ridgwayeng.com