

Ridgway W-LMP LOOP WINDING MACHINE

Designed to offer a comprehensive range of modern, easy to use, accurate loop winding machines



Loop Winding Machine...

For a versatile and cost effective solution to suit your loop winding requirements.

Sturdy construction, free standing control panel and digital turns counter are key features of our loop winding solutions.

Quick, accurate set up

- ▼ All winding beams incorporate a pair of fully adjustable winding pins and a conductor clamping arrangement. For reference, scales are fitted to the winding beam, ensuring fast and accurate setups can be achieved.

Vector motor drive

- ▼ The W-LMP incorporates the latest vector drive technology. A variable speed geared motor directly drives the main spindle, providing a high torque capability with soft start.

Anti runback

- ▼ The winder incorporates an electrically released brake, preventing runback and eliminating tension loss during stopping and starting.

Quick release tooling

- ▼ Operator friendly solutions for both the conductor clamping and winding pin assemblies. Optional "D" loop tooling also available.

Operator controls

- ▼ Easy to operate control panel for the adjustment of winding speed and direction of rotation. Large digital turns counter with reset capability.

Drum stands

- ▼ Complete range available all with individually variable or constant pneumatic drum back tensioning. Drums of varying sizes can also be accommodated.

Guides

- ▼ Free standing, adjustable, conductor guides are incorporated into the winding line as standard.

Operator platforms

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

▼ SPECIFICATION

Loop Winder

Maximum torque
Up to 5000 Nm

Speed range
0 to 25 rpm

Bi-directional

Winding Beam

Maximum loop length
Up to 3.5 metres

Pin diameter
Min. Ø 15mm – Max. Ø 80mm

Quick release winding pins



Drum Stand

Drum shaft dia.
Ø 32mm

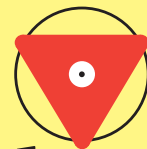
Maximum number of drums
Up to 12

Maximum drum dia.
Ø 800mm

Maximum drum width
300mm

Maximum drum weight
150kg

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



Ridgway MACHINES

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Ridgway LOOP WINDERS

MODEL	W-LMP1500	W-LMP2000	W-LMP3000	W-LMP5000
Maximum torque	1500Nm	2000Nm	3000Nm	5000Nm
Speed range	0-25rpm	0-20rpm	0-20rpm	0-20rpm
Spindle centre height*	1200mm	1200mm	1200mm	1200mm

* Standard centre height given - can be increased to suit customer requirement and winding beam

Ridgway WINDING BEAMS

MODEL	LWWB1500	LWWB2000	LWWB3000	LWWB3500
Min length of loop	350mm	350mm	350mm	350mm
Max length of loop	1500mm	2000mm	3000mm	3500mm
Pin diameter (min)	15mm	15mm	15mm	15mm
Pin diameter (max) *	To suit customer requirements			
Conductor width (min)	3mm	3mm	3mm	3mm
Conductor width (max)	50mm	50mm	50mm	50mm
Lead clamp	YES	YES	YES	YES
Options: D-Loop tooling	YES	YES	YES	YES

*O/D Dimensions of winding pin discs

Ridgway DRUM STANDS

MODEL	LWDS2	LWDS4	LWDS6	LWDS8	LWDS10	LWDS12
Drum diameter (max)	800mm	800mm	800mm	800mm	800mm	800mm
Drum width (max)	300mm	300mm	300mm	300mm	300mm	300mm
Max weight of drum	150Kg	150Kg	150Kg	150Kg	150Kg	150Kg
Total number of drums	2x1	2x2	2x3	2x4	2x5	2x6