

Ridgway W-LAP LOOP WINDING MACHINE

WITH AUTOMATIC PIN POSITIONING AND ACTIVE DRUM TENSIONING

Designed for the precision winding of looped coils



Advanced Loop Winding Machine...

Automatic pin positioning.

Easy to operate using a touch screen interface.

Drum stand incorporates individual programmable active tensioning for each drum.

Improved quality

Fast, accurate and consistent winding of looped coils.

Programmable winding pin positioning

Automatic winding pin positioning and end of cycle release.

Servo motor drives

The W-LAP incorporates the latest servo drive technology.

Anti runback

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

Operator HMI control

Easy to operate control panel for the adjustment of loop length, winding speed and individual conductor tensions. Other functions include the ability to set

and count the number of turns per coil and the quantity of coils per set.

Coil winding details can also be stored within the control system for future use.

Quick release tooling

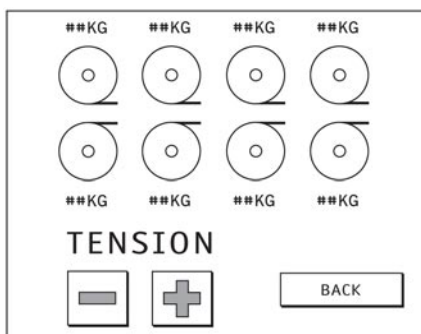
Operator friendly solutions for both the conductor clamping and winding pin assemblies.

Conductor active tensioning

Compared to the alternative of friction braking, the W-LAP offers a wear free solution with accurately controllable individual constant drum tensioning.

Cost effective solution

The ability to regenerate electrical energy and reduce the overall machine running cost by up to 33%.



▼ SPECIFICATION

Loop Winder

Maximum torque
Up to 4500 Nm

Speed range
0 to 25 rpm

Fully programmable operator HMI

Winding Beam

Maximum loop length
Up to 4.0 metres

Servo controlled
winding pin positioning

Quick release tooling



Drum Stand

Drum shaft dia.
Ø 32mm

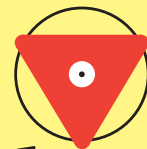
Maximum number of drums
Up to 12

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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