



WHAN 150x3 wire winding machine

Efficient semi-automatic wire winding machine for the production of medium and high voltage instrument transformer coils.

Benefits at a glance

- Automated insulation inserting system
- Automated insulation cutting, coil separating and trim system
- Constant controlled wire tension
- Winding of multiple coils in parallel
- High winding speed
- Flexible software, simple programming, operator guidance on the touch screen
- Long machine life time
- Remote support
- Swiss quality

The machines are used to wind HV or LV coils made with full width insulation. Depending on customer requirements we offer different machine designs. They can wind round and rectangular wires. Our winding software is running on an industrial PC with Windows 7. Due to our flexible and modular winding system a coil can be easily programmed either on the machine or in our office version on a desk computer.

Technical data

WHAN 150x3

| Wire | | |
|-------------------------|-----|----------------------------------|
| Wire diameter | mm | 0.12 - 0.4 |
| Insulation | | |
| Number of decoilers | | 1 |
| Material type | | Paper, DDP, Polyester foil, etc. |
| Insulation width | mm | 1000 |
| Insulation thickness | mm | 0.07 - 0.125 |
| Winder | | |
| Winding revolution | rpm | 0 - 1500 |
| Coil | | |
| Coils wound in parallel | pcs | 3 - 9 |
| Coil length | mm | 20 - 150 |
| Coil diameter | mm | 65 - 250 |

Available options

- Hot air heating system
- Additional wire brake and guiding units
- Automatic insulation width trimming system
- Weight system for wire bobbins
- Winding mandrel

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