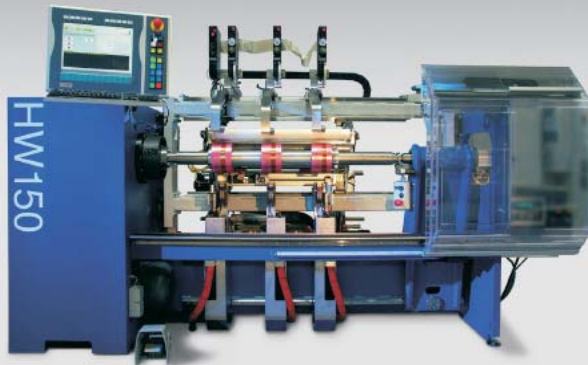


# Technical Data

## HW 150



Coil diameter: max 550 mm  
 Winding width: max. 450 mm (single coil)  
 Coil weight: max. 150 kg  
 Center height: 1000 mm  
 Winding speed: 0 - 1200 rpm  
 Torque: max. 120 Nm  
 Power winding drive: 9 kW  
 Dimensions: approx. 3000 x 1800 x 2000 mm  
 Weight: approx. 2500 kg

### Description:

- fully automatic winding machine for medium and high voltage instrument transformers
- single or multiple winding
- diameter measuring and adjustment
- movable pneumatic tailstock
- protection cover
- separate electrical cabinet
- graphical user interface

### Accessories:

- automatic insulation feeding system
- cutting to length device
- cutting to width device
- electronic wire tensioners
- wire end detection
- gluing device
- expandable mandrels
- swivel mechanism for mandrel
- de-reelers

### Advantages:

- CNC-controlled
- network connection
- remote service via internet connection
- reproducible and controlled process
- coil description by parameter files
- no permanent operator supervision required
- significant production time reduction

### Fully automatic winding machine

### HW 150

Products to be manufactured with the machine	insulation material	resin	oil	SF6
Instrument transformers (PT)				
medium voltage < 36 kV	P + F	●	●	●
high voltage > 36 kV	P + C + F	●	●	●
high voltage > 36 kV	C			
Transformers				
distribution capacity up to 50 kVA	P		●	
distribution capacity up to 400 kVA	P			