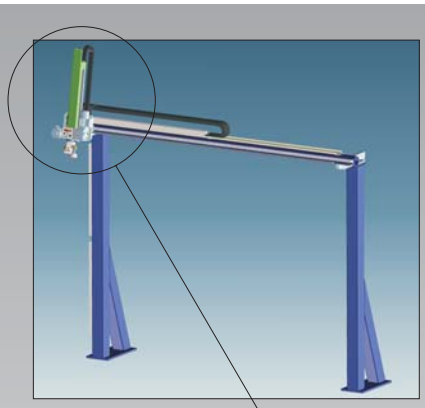
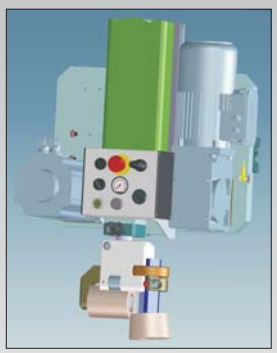
Technical Data

HPD 5000





Coil outer diameter: min 800 mm, max 2.800 mm, others on request
Winding width: max. 4.000 mm
Vertically adjustable stroke of pressing head: 1.000 mm, others on request
Weight: approx.1.500 kg
Pressing force: axial: min. 500, max. 5.000 N,
radial: min. 300, max 3.000 N
Main Voltage: 3x 400 V +/- 5% / +N / +PE, 50 Hz
Power requirement: 5 kVA
Compressed air supply: 6 bar, dry and oil-free
Noise level:<70dB(A)
Dimensions of device: 5.000 x 2.000 x 4.700 mm
Operating conditions: temperature 15 - 35°C,
rel. Humidity 5-85%, non-condensing

Description:

- Designed for the continuous winding of layer windings for power transformer coils.
- Axial pressing force is generated by an AC servomotor with frequency converter, the pressing force is stepless adjustable by a pressure gauge.
- The device is usable as a stand alone unit or in combination with existing winding machines.

Advantages:

- stand alone unit
- electronically controlled
- high pressure force
- short set up times
- easy to use
- continuously winding length measurement (option)
- head slip supervision

Pressing Device		HPD 5000		
Products to be manufactured with the machine	insulation material	resin	oil	SF6
Transformers				
distribution capacity up to 50 kVA	P		●	

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