

Product Specification Pole Coil Consolidation Press AT-PCCP

Product: Pole coil consolidation press for hydro pole windings
Type: AT-PCCP
Edition: 07/13

1. Description

Pole coil consolidation press with manually moveable press gantries (pressing force 87,5t per portal), individually controllable, flexibly combinable.
Available with 1 or 2 movable tables.

2. Technical Data

8 individually controllable press gantries:

Overall pressing force:	700 t
Press space length:	3000 mm
Press space depth:	1000 mm
Press space height:	200 mm – 700 mm
Load weight:	max. 10 t
Operation pressure:	max. 700 bar
Machine mass:	approx. 28 t

3. Scope of supply

The press consists of the following main parts:

- Base frame
- Moveable press table
- Press portals
- Hydraulic aggregate
- Hydraulic control - PLC
- Heating equipment - rectifier

4. Operation

The Press is designed to press the pole coil copper and insulation during heating up to the curing temperature. The press forces close the air gaps between the copper and the insulation so that the insulation and the copper can fuse into a solid part. The pressing process is controlled by PLC. The heating process is controlled by time switches.

5. Packshot

