

Product Specification C-Coil Bending- Cutting Machine AT-CCCO-2

Product: C-Coil Bending- Cutting Machine for turbo rotor winding
Type: AT-CCCO-2
Edition: 06/15

1. Description

The C-Coil-Cut-Off machine is build for bending rotor C-Coils in radial direction and for cutting and milling the end surface of the C-Coil package to the required final shape. No reworking of the C-Coils is necessary.

After the bending- cutting- and milling process, the C-Coil package can be inserted into the rotor slots of the generator shaft without any post-processing

2. Technical Data

Machine length:	approx. 10.100 mm
Machine width:	approx. 3.600 mm
Machine height:	approx. 2.600 mm
Machine weight:	approx. 7.000 kg
Max. Coil length:	7.500 mm
Min. Coil length:	2.500 mm
Max. Coil width:	50 mm
Max. Coil height:	depends on bending radius
Min. bending radius:	200 mm
Max. bending radius:	415 mm
Max. rotation angle machining station:	40° backwards 70° forwards
Resultant range of suitable coil angels:	20° - 90°

3. Scope of supply

The machine consists of the following main components:

- Machine bed incl. guide rails
- 5 pc. clamping and adjusting consoles
- 2 pc. bending stations incl. radial guiding devices
- 2 pc. bending segments with required bending radius
- 2 pc. machining stations incl. cutting units, milling units and clamping devices
- 2 pc. machining segments with required coil radius

- 2 pc. operating panels and remote controls mounted on a swivel bracket.
- Electrical cabinet
- Hydraulic unit
- Cable carrier for guiding electrical and hydraulic wires and hoses
- Safety fence incl. safety doors for entrance

4. Packshots

