

Metar Capacitor and battery winder

- Customized control algorithms
- Customized fieldbus slaves
- MIMO controller



The application

The core of many types of batteries and capacitors consists of thin wound special foils. In the winding process, it is essential that the foil is wound with the correct tensile force. Only in this way can the desired quality of the component be achieved.

The system

An Indel INFO-PCI Fieldbus Master coordinates all axes and IOs on this machine. This powerful PC plug-in card is very compact and yet offers masses of computing power. The numerous IOs are implemented with the flexibly expandable Indel-IMP terminals. For special sub-tasks of

this machine, Indel has developed customer-specific fieldbus slaves.

Customized algorithms

Customized control algorithms are implemented in the software of the fieldbus master to enable precise winding of the foils. Thanks to the openness of the Indel operating system and the motion library, these could be effortlessly and optimally integrated into the existing system.

**Customized algorithms perfectly integrated.
That is Indel Automation.**