

We have been making control equipment for several generations



- Drive technology
- Control technology
- Installation technique
- Electric layout
- Industrial automation
- Visualization of processes
- Switch cabinets
- Retro-fitting

SWITCH CABINETS / INSTALLATIONS

Switch cabinets are manufactured by our own staff according to customer's specifications. In cases of new installations and conversions it is possible to carry out the installation of machines on the client's site by our staff.



CONTROL TECHNOLOGY / VISUALIZATION

We emphasize the importance of practice-oriented symbols and commentaries for our software solutions. This enables the end-user to quickly acquire a detailed overview. The powerful processors of the SPS-Systems result in short cycles and fast software control of the SPS.

With our own software modules we realize

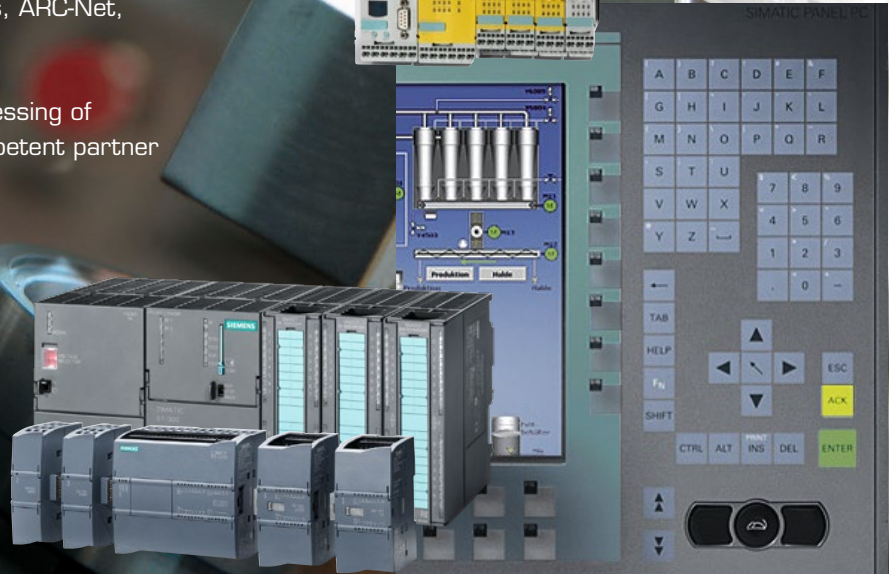
- Diameter and winder computers
- Dancer control
- Tensional force control
- Pressure-difference control
- Automated control of twist length for cables and stranded conductors

All control modules are graphically represented in the visualization mode and can at the same time be calibrated. Decentralized peripheral systems, SPS-systems and process-data logging are integrated by us via the following data-bus systems: Profibus-DP, Industrial Ethernet, Interbus, ARC-Net, Device Net und Mod-Bus.

Many years of experience with the processing of mass products have made us your competent partner in the following fields:

- Textiles
- Paper
- Cable and Wire
- Steel coils and Profiles
- Plastic materials

We are very experienced with updating Siemens-S5- and Siemens-S7-controls and we are therefore the right contact partner for you in solving your problems.





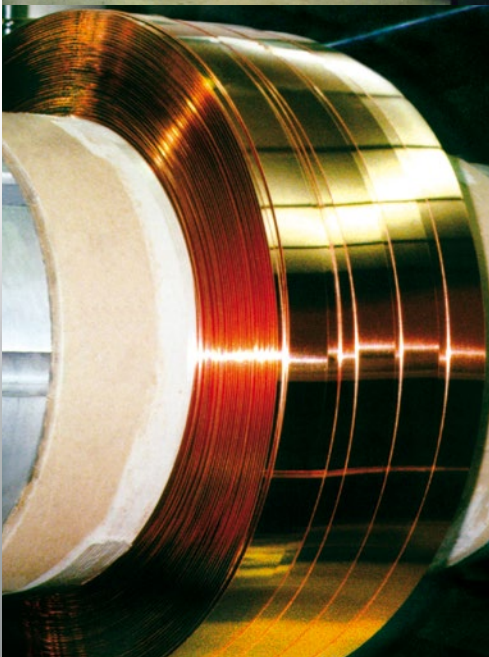
RETRO-FITTING

By modernizing your plant and exchanging electric control units it is often possible to raise the performance, reduce down-times and save energy.

We are your partner if new ideas have to be realized on your machines.



LAYING TECHNIQUES



In the past it was a painstaking activity carried out by winding experts to transfer their expertise onto a mechanical template, the central sheave. They had to control the correct sequence of motions of the support while the material was being wound. This way they achieved a harmonic winding pattern on the core. Changes of the material or the use of different winding cores led to long re-tooling times. To minimize these effects and to improve winding results the laying controller type ART 8001 was developed in the 90ties.

The program structure was optimized for easy and user-friendly operation. Some years ago this model line was optimized anew and fitted with a "Profibus" Interface.

Today we use state-of-the-art drive technology for this task. The complex movement control is realized directly in the drive control: This technique is available for single-axis and multi-axis operations.



Control is better than merely relying on trust!

The ART Detlev Henschel corporation was founded in 1993 and when it was transferred to Jörg Henschel (Son of Detlev Henschel) the name of the company was changed to HENSCHES GMBH.

We are glad to assist you in all questions regarding Drive technology and Automation and Visualization techniques and Control & Switch cabinet construction.

HENSCHES GMBH

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