Automation

STOLZ automation department main challenge is to design a reliable convenient and constantly evolving system; it offers a wide range of devices.

Process and automation are the two main skills of the offer. The purposes are the full use of the machine capacities, a safe use for man or machine avoiding breakage and thus production loss.

STOLZ has also developed several applications integrated in fully automated lines.

Another asset is the remote maintenance system provided to help the customer after the commissioning in order to adapt the system quickly.

Automation

Our facilities:
- a technical office dedicated to electricity, automation and supervision
- a wiring, electrical and pneumatic workshop
- fitter technicians with dual skills: mechanical and automation
- remote maintenance

Advantages:
- A guaranteed maximum operation
- A turnkey delivery installation
- A unique contact for automation and mechanics
- A unique fitter technician for automation and mechanics

Remote assistance

Système de télémaintenance

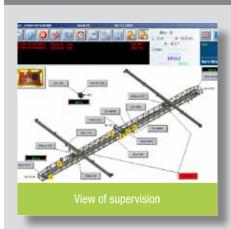In most installations, a remote maintenance modem (phone line or internet) is integrated.

This modem includes several functions:
- Support for fitter technician assistance at the start up operation
- Support for failures diagnosis

Automate

Electrical cabinet

Chain reclaimer supervision

View of supervision

The control cabinet delivered with the chain reclaimer controls all the cycles in assisted automatic mode, the machines and man safety, the safety of the machine to allow access to storage.

In automatic mode, the machine performs operation cycles according to the type of product and the heap shape.
In assisted manual mode, the operator controls the machine using a remote control while maintaining the safety devices relating to the machines.

The strengths of this application:
- Safe control of the machine development area (product sensors, hoist control)
- Control of silo access safety to silo
- User-friendly operation with touch-screen and remote control
- Support for maintenance with a visual help on touch-screen