The SmartControl operating system

Intuitive, process-oriented and standardized: these are the attributes of Uhlmann’s SmartControl operating system. The easy-to-operate and functional operating system incorporates production assistants that guide you through the packaging process. This ensures reliable and fault-free operation of machines and lines from the outset.

SmartControl is the future-oriented operating system for Uhlmann machines and lines. You interact with the system by tapping on easily comprehensible symbols and buttons. Navigation through the entire packaging process is process-oriented: the incorporated assistants guide you systematically through each operating step, ensuring a fast and reliable product changeover for example.

SmartControl also enables operation of the individual line components from any position, e.g. the cartoner can be operated from the blister machine terminal. This gives the operator a full overview of the entire packaging process at any time.

Intuitively correct operation - efficient production

German Design Award

iF product design award

Red Dot Award

Easy and efficient operation: the clear, uniform structure of the SmartControl allows intuitive operation of the line in accordance with the ongoing production process.
The SmartControl operating system at a glance

- Process-oriented navigation: step-by-step operator guidance through the packaging process
- Well-structured layout: user interface with uniform structure for all machines, clear symbols and consistent color coding
- Stored product data and assisted operation ensure short product changeover times
- Software-aided format parameter transfer from machine to machine
- Generation of production and parameter logs compliant with 21 CFR Part 11

- Web technology:
  - Full integration of third-party machinery
  - Operation via a mobile terminal is an option
  - Navigation through the whole line
- Decentralized operation: directly at the machine using mobile operating devices or from a more distant location on the basis of a well-adapted safety concept
- Uhlmann Apps for administrative operating functions
- PDA system for a quick and detailed process analysis

Spatial visualization of the stations: control elements are directly assigned to their function. The picture shows the heating station and the individual heating plate temperatures.

Clearly structured process-oriented assistants guide the operator easily, safely and efficiently through the production process.