Ullrich

US 1.0 control system

PLUG & PLAY

The US 1.0 control system is the core.
All available expansions can be connected
to it.

- Load unit with frequency inverter
- Weighing systems
- Filling level indicators
- Temperature indicators
- Energy recovery
- Camera monitoring
- Long-term storage
- Remote polling systems

The software comes with all of these
components integrated; only the hardware
components have to be added.

OPERATION AND OBSERVATION

Controls and displays geared towards
function ensure a fast overview of all
operational data and fast intervention during
active production. Most parts of the entire
process are automated, greatly relieving the
silo plant operators. Maloperation is nearly
impossible because a silo selection, for
example, is subject to a contamination
check.

High level of future compatibility and investment security

The modular design allows to meet today's and
tomorrow's demands in a flexible way.
For example: control and power sections are
separate units and can be exchanged as desired.
To upgrade, you could replace the control section
first, and the power section at a later time.
Ensuring simple expansion, Ethernet is used
as field bus. Data exchange with the silo plant
occurs via Ethernet, serial interface or terminals.
These are standardised and can be switched over
without problems.

SECURITY DUE TO INTELLIGENCE

A supervision system constantly active in the
background ensures that failures are anticipated
in due time. Like no other manufacturer, we
can rely on our experience of more than 1,800
installed silo control systems and thus ensure the
highest degree of security.

Among others, the following components
can be monitored:
- Braking system
- Skip content
- Sliding bottom
- Skip drop protection
- Slack cable

The fast identification of malfunctions cause
keeps production downtimes low. The control
system offers a wide range of dedicated
diagnostic options.

Error message and hints on troubleshooting are
displayed in plain text. Support via modem and
telephone is also possible.