

GUC-C UNIVERSAL CONTROLLER - TAKE FULL CONTROL OF YOUR PNEUMATIC CONVEYING PROCESS

Capability:

One control solution for all types of dense phase pneumatic conveying solutions, including external air injection.

Savings:

Save the time and trouble to configure the conveying process yourself. The GUC-C comes ready to use, packed with the Gericke experience from 1000s of installations.

Flexibility:

One GUC-C is capable of controlling up to four conveying lines. They can also be added at a later stage.

Connectivity:

Fully integrates with all state-of-the-art automation networks, supporting IoT functionality, predictive maintenance and access via web browser.

Full control:

All aspects of dense phase conveying processes are combined in one unit, greatly simplifying and reducing the time of automation setup.



+ For your peace of mind

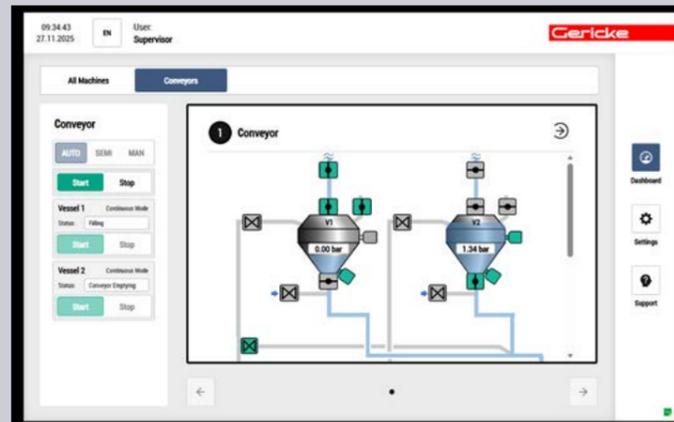
- Works for various setups of dense phase conveying systems.
- Ultrafast processing and transmission of signals to tightly follow your process.
- Product specific and process relevant parameters are available ready to use.
- Visualisation of your conveying process for easy setup, commissioning and process optimisation.
- Integration and control of installation specific components for additional flexibility possible.



A PERFECT FIT FOR EVERY CONVEYING TASK!

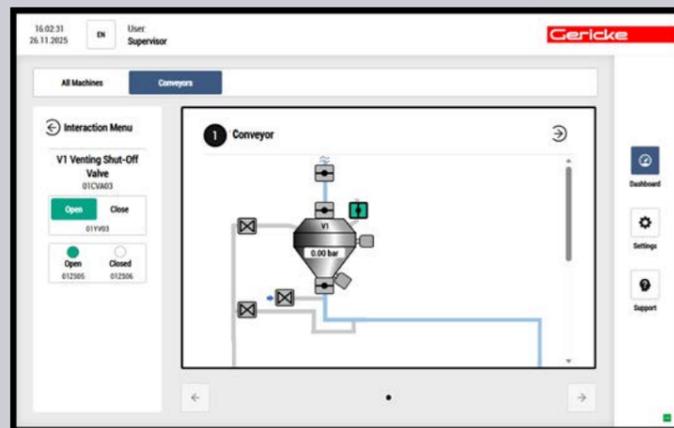
User-friendly and future oriented

- Preconfigured for different conveyors and operation modes, but still adaptable to your process
- Control of external gas injection along the conveying pipeline
- Access via optional local HMI, tablet, superior automation system or remote
- Intuitive navigation on the user interface and multiple languages, with standard and expert mode
- Future-proof investment, as software can be updated
- Upgrades and extensions possible for additional functionality (additional conveyors, HMI, etc.)
- Ready for remote access and maintenance - saves time and cost
- Trend and process data for further analysis



Data integrity & process safety

- Process relevant safety limits (min/max pressure, time etc) can be configured to increase process safety and reliability
- Configurable user access system with individual access rights
- A log system records all events and alarms. This facilitates the analysis of deviations in production
- Backups of configurations and product parameters for easy duplication and restoring of GUC-C Controller keeps downtime to a minimum



SYSTEM SETUP EXAMPLES



Single Vessel Example Setup



Optional display or web browser



GUC-C Controller



Double Vessel Example Setup



Control cabinet with GUC-C Controller

Fieldbus Connection

GUC-C SYSTEM COMPONENTS

GUC-C (for control cabinet installation)

- For integration in existing cabinet or with separate main control cabinet (MCC)

GUC-C FCC Field Control Cabinet

- Intelligent remote I/O in stainless steel or mild steel cabinet

Touch display (optional)

- 10" and 12"
- For panel mounting or as separate unit for integration into customer cabinets

I/O cards and modules

- Communication interface - EtherNet/IP
- Communication interface - Profinet

ATEX

- Executions available for various hazardous environments (except HMI)



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