SKIOLD CONTROL SOLUTIONS
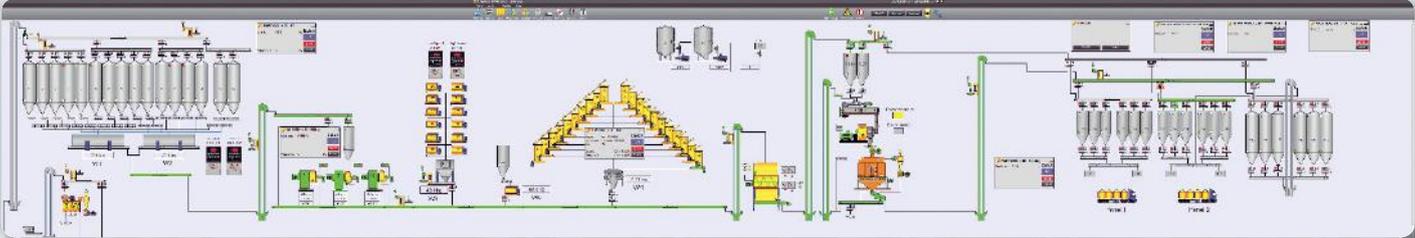
SKIOLD MAKES THE DIFFERENCE!

SKIOLD FLEXMIX PRO

Flexibility

Overview

Safety

Optimization of production

25 years of experience

CENTRALSILO
systems Ltd

SKIOLD

SKIOLD FlexMix
...this is how we ensure that you get the best solution...

Analysis of your needs

As always when you choose SKIOLD as supplier, we attach great importance to finding the perfect solution for you. It is therefore essential that we, jointly, identify which functions you require from your control system, and that we align your wishes with the possibilities of FlexMix Pro II.

Engineering of control system

After the analysis, we elaborate the functional description, according to which the control panel is designed, and all necessary production documentation is elaborated.

Production of panel and programming of software

Once this is finalized, the panel is produced in SKIOLD's own panel workshop. All functions are tested to ensure that everything works flawlessly before we send the panel to you.

Installation and start-up of control system

SKIOLD's supervisor supervises the installation of the panel and the control system on the site, and SKIOLD's control system technician starts it up and tests it before we hand it over to you.

Training of operator

SKIOLD's control system technician will instruct and train the operators in connection with the handover, and ensure that the operator is able to operate the plant immediately

Aftersale service

Once the plant is operating, you will be in good hands with SKIOLD. We offer online support and pay follow-up visits after a period of operation. This way we ensure that you get full benefit of your new control system, and naturally, we keep your operators updated on any new functions in FlexMix Pro II.

Functions in FlexMix Pro II – quick survey

- Continuous production in batch processes
- Several destination silos in one production
- Start of the production now, on time, or by level sensor
- Production overview

- 10 weighing systems
- Unlimited number of components
- Unlimited number of recipes
- 5 mills with automatic adjustment of disc distance
- Delivery system with external touch panel

- Traceability of components from suppliers and clients
- Improved alarm system
- Automatic backup system
- Hour counter for maintenance of machinery
- Guides for easy calibration of weighing bins and mills

- Dosing according to weight, flow, pulse, or time
- Stock control with date for estimated empty silo
- Production reports for recipe, component, destination, client, or silo
- History of variations

SKIOLD FlexMix Pro II
Supreme and user friendly control system

Flexibility

With modular power panel and control modules, it is easy to extend or modify the FlexMix Pro II according to your needs now or in the future. Reprogramming can be done either on site or via online support.

Overview

With 100% Windows based operation, FlexMix Pro II ensures overview and structure, and the simple and intuitive user interface facilitates quick training of new operators. It is easy to create and alter recipes, and with the clear visual graphical read-out of FlexMix Pro II, you always have full survey of your production and your plant. This allows you to focus on cost-effectiveness!

Safety and traceability

To us, operational reliability of your plant is paramount. FlexMix Pro II is the back bone of the operational reliability of the plant, with an alarm system which accurately indicates the source of error, allowing for quick error correction. The equipment is designed and built for the demanding environment in a feed milling plant.

Optimization of production

Accurate dosing of raw materials prevents excess consumption or undersupply, and with silo control and full traceability, you are in full control of your raw material supply.

With FlexMix Pro II it is possible to control the grinding process with regard to both energy consumption and grinding structure, to ensure optimum profit

25 years of experience

With many years of experience with development and building of control systems, we make sure that you get a customized solution perfectly fitted to your plant.

Our unique knowhow from projects all over the world guarantees that you get a control system, which satisfies your needs and wishes, and which ensures the optimum solution with regard to technique, economy, operation, and maintenance.

FlexMix Pro II is a future-proof system with many years of service support and online support from SKIOLD to keep your plant running for many years to come.
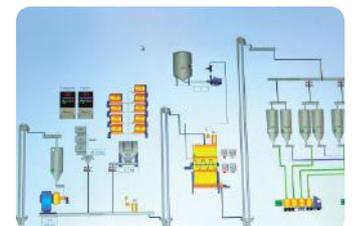
Mads Mogensen, Go Gris, Horsens, Denmark
FLEXMIX PRO is extremely clear and user friendly. It is possible to work out many things just by looking at the screen. The machinery of the plant is shown in a flow on the screen, and this provides a good overview. The small pop-up windows, which tell what is being carried out in the feed mill, make it easy to follow the processes of the plant. It is easy to troubleshoot, because FLEXMIX PRO tells you exactly where something is wrong and indicates for instance a motor number. It is super to have all these possibilities for extraction of data for feed consumption, raw material consumption, etc. It helps us calculate the feed consumption in each piggery. The possibility for online support is super. It is often human mistakes that cause problems with the plant – and these are often solved online by a SKIOLD technician.

Bjørn Ludvigsen, Strategic Business Manager, Big River Feeds, South Australia
Big River Feeds has been using SKIOLD's FlexMix Pro milling control since the start-up of our 15 tph feed mill in the South of Australia in 2010. Our operators find it easy to use and navigate in the FlexMix system. We have recently upgraded to FlexMix Pro II. With integrated database and Production Manager, this has given us some powerful reporting tools for surveillance of all central production processes in the feed mill. SKIOLD is very responsive to feedback, and their control system technicians always strive to improve their control systems.

FlexMix PRO II - the way to success in your feed factory

What does FlexMix Pro II control?

An unlimited number of components and recipes!

FlexMix Pro II controls the ENTIRE process from start to finish:

- Intake of raw materials
- Silo storage with temperature monitoring
- Conveying systems
- Cleaning
- Grinding
- Mixing
- Pelleting and cooling
- Ready feed silos

FlexMix Pro II offers control and overview of each single process, and saves ALL production data, alarms, etc. in a stable and powerful database.

Production Manager

Production Manager is a tool developed to optimize the operation by means of stock optimization, reduction of production shutdowns, and by making relevant data available to relevant staff to facilitate administrative tasks

- Possibility of placing orders with a central feed factory from the single locations (farms).
- Overview of ordered feed recipes in online time calendar.
- Overview of booking of production capacity by external consumers.
- Overview of inventory of raw materials and time for reordering, compared to booked future orders for feed.
- Easily accessible alarms, etc., and possibility of grouping of alarms to facilitate overview and optimize operation of the plant.

Production Manager facilitates the overview, allowing the production operator to concentrate on operating the plant and keep focus on making the best feed – in the most energy efficient way.

See detailed description and technical specifications at SKIOLD's website.