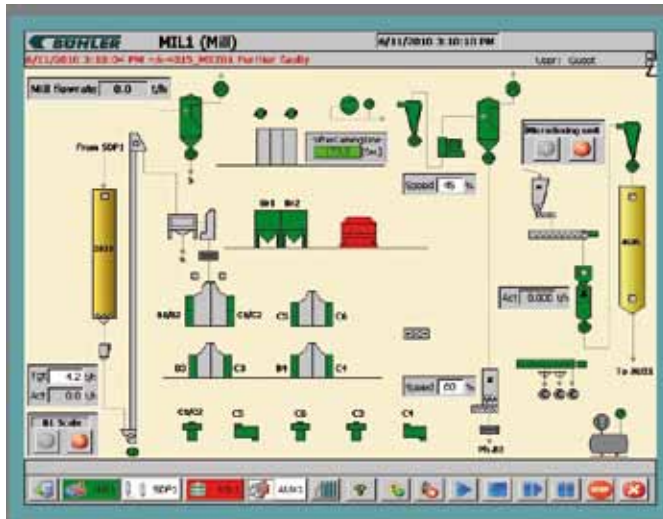


Straightforward
and
complete.

LiteCoS process automation



LiteCoS – easy to use. Intuitive and interactive for all processes.



- Easy touch-screen operation
- Know-how protection
- Monitored automatic operation
- Manual operation for maintenance and direct intervention
- Minimized maintenance

LiteCoS – easy to use, complete range of applications.

Control your business and ensure your successful future.

What we need today are production systems which offer maximum uptime and high capacity. LiteCoS satisfies these requirements: It is an automation approach which will secure your capital investment, offer you an excellent price-to-performance ratio, and adjust to needs as they change – easy to use, with a complete range of applications.

LiteCoS satisfies the requirements of a state-of-the-art process automation system that is matched to the specific process. It unites automation integrally with process technology.

Structured, straightforward, flexible.

The cutting-edge LiteCoS system exploits the global technology and automation experience of Buhler in the

field of grain processing. It is operated through a simple touch-screen and comprises all the functions needed for controlling the process.

A structured, straightforward graphic display of the process and all the necessary process commands ensures flexibility for manual intervention in the process at all times.

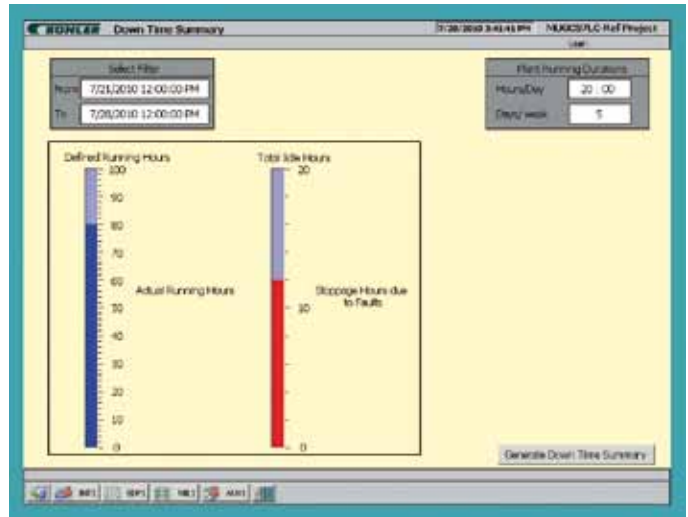
The combination of parameter and user management protects your proprietary know-how and thus secures your competitive edge over the competition.

With the extremely robust and stable LiteCoS system, you have a remote access possibility available for service and all types of support.

Advanced technologies such as a flash memory reduce the maintenance requirement of LiteCoS to the absolute minimum. LiteCoS does not require any complicated software installation and is therefore independent of IT staff.

LiteCoS – technology and automation. For the grain processing industry.

- Production job definition with target values
- Management of alarm and event messages
- System diagnostics
- Remote access for service and support



Downtime analysis.

Yield calculation

The function package designed for quality monitoring and assurance and for optimization of mill operations is completely integrated in LiteCoS. Trend curves display the individual yield values. The exact display of all weighed products allows to monitor precise as well as fast corrective intervention in the process whenever the need should arise. Sustainable optimization of the process efficiency is made possible.

Alarm and event history

Data records allowing reproducibility of the production process at all times. The historical recording of all alarm messages and process events allows subsequent analysis whenever required.

Energy management

Energy is expensive, but the price is not at all times the same. Massive charges occur if energy intensive processes are parallel to a capacity peak time slot.

With LiteCoS you will have the power cost under control, thanks to optimum Production planning and complete monitoring of the energy input, optimized control for the user and without additional cost over several stations.

Downtime analysis

The plant downtime analysis helps to discover weak points and therefore improves production stability and availability of production.

LiteCoS is collecting necessary information for outlining the key figures of the data for a definable time period and per production line. This analysis contain the active hours without production, empty running and effective production time.

