

INTRODUCING

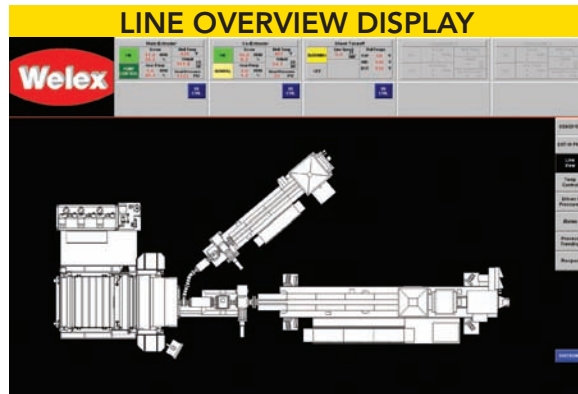
# Welex Super Sentinel®

Process optimization has never been easier (or looked better)

The Welex Super Sentinel® supervisory workstation is a fully modular scalable system that integrates any number of components in your Welex extrusion system to ensure precise, reliable, efficient control.

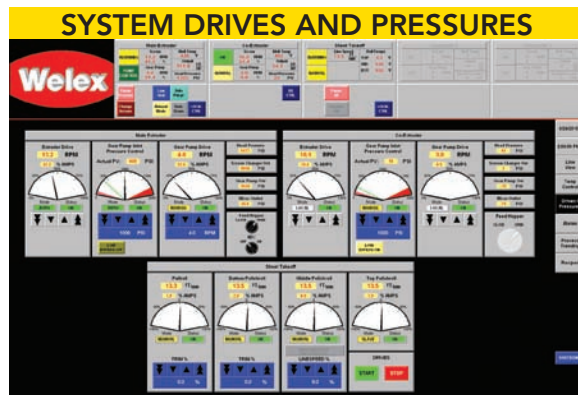
The Welex Super Sentinel® is built on the well-proven Allen-Bradley CompactLogix platform and features an oversized widescreen formatted HMI display. An included industrial quality Windows PC handles all computing requirements with ease. Maintains virtually unlimited recipe storage, historical and real-time production line information, plus alarm and trending history for detailed data analysis and process optimization.

The system utilizes the Ethernet/IP fieldbus protocol for real-time control and information, allowing networks to communicate seamlessly on the factory floor. Your Welex line can also be monitored remotely via the EtherNet/IP network, reducing maintenance costs while providing improved diagnostics benefits.

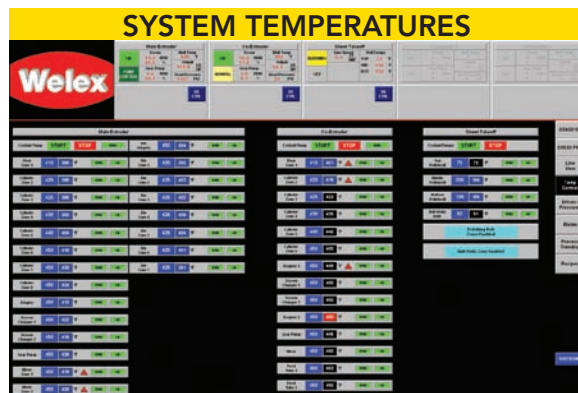


Complete line status at a glance. Allows operator to quickly confirm running conditions, including machine and line speeds, loads, pressures, and melt and roll temperatures in an easy to read format.

Line status overview, including mode indication, E-stop status, melt and roll temperatures is visible at top of on all screens and provides full system control capability in Welex Super Sentinel® exclusively.



One screen provides straightforward graphical display and fully functional touch screen control of every component in line. Details each component drive (and more) with speeds, amps, alarm status, pressure information, and control mode.



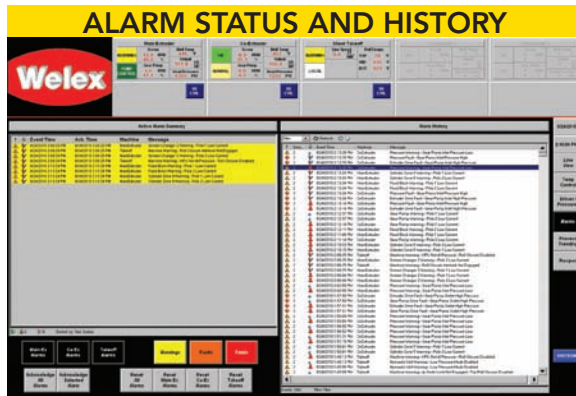
Displays actual temperatures, setpoints, and fault status for all line components in a single informative view. Easily make and review setpoint adjustments via touch screen interface.



**The Welex Super Sentinel® provides you with the insight and capability to:**

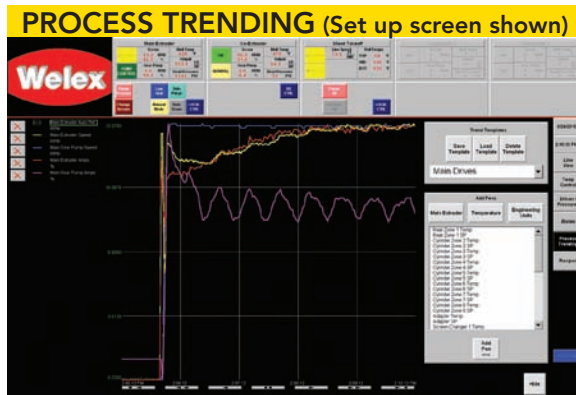
- Optimize the performance and profitability of your Welex Sheet extrusion line
- Distribute control and detailed system information
- Establish multi-level customer-defined security access
- Achieve reliably faster startups
- Simplify training and operation with clear HMI interface graphics
- Enhance usability with multi-lingual displays
- Create and store unlimited product recipes
- Minimize spare parts inventory
- Greatly reduce maintenance
- Ensure system flexibility and expandability to meet internal and market demands

Maximizing the efficiency and profitability of even the most complex coextrusion line is easy for Welex customers with the inclusion of a Welex Super Sentinel® supervisory workstation.



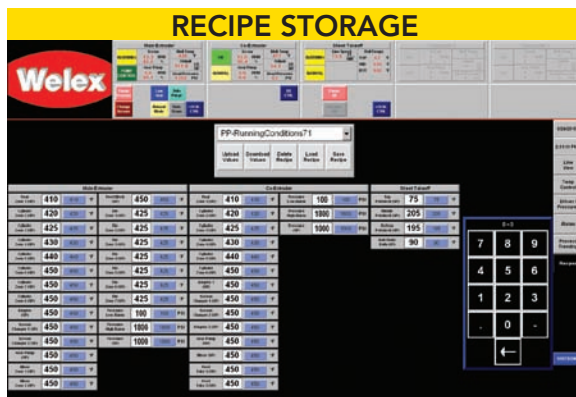
Split display shows active alarm status and history for entire line in a single view, with clear descriptions for each event. Tiered alarms are color coded (warning, fault, or fatal), and can be selectively filtered by machine or type.

The Welex Super Sentinel® maintains virtually unlimited alarm history.



Easily set up trending templates. Fully user configurable graphing of multiple device values. Display real-time or historical data. All data is archived to the hard drive.

For further analysis data can be exported to Excel in CSV format or to an SQL-compliant database.



Each recipe is a complete set of stored data assigned to a specific product. Recipes include all temperature and pressure setpoints and high/low alarm settings. A complete product recipe is installed by a few simple entries onto the touch screen. Unlimited line wide recipe storage included.

Adding, deleting, and updating recipes only available with appropriate security authorization.

**Welex extrusion systems are backed by a worldwide sales and service organization that you can count on for support at any time. For more information, contact: [welex@welex.com](mailto:welex@welex.com), or visit [www.welex.com](http://www.welex.com) to find your local sales representative.**

