

diagnosis. „This means we can quickly access the local customer network and correct errors on the machine,“ emphasizes Gabriele Caccia.

Conclusion

Thanks to the positive experience implementing this uniform control platform, Syncro will continue to rely on cooperation with B&R for future projects. The selection of precise dosing and measurement systems, and the ability to adapt and optimize machine solutions for specific customer requirements are factors that Gabriele Caccia believes will help the company continue to stand out amongst the international competition. ■

High modularity with reduced hardware costs

Increased competitiveness and pressure to reduce costs make product innovations extremely important. To meet these increasing demands, it's important to carefully select the most modern technologies in order to boost productivity and at the same time reduce manufacturing costs.

INEVER is a Spanish vertical packaging machine manufacturer based in Dosrius (Barcelona) that has experienced constant growth in turnover since being founded. Targeted investment in research and development ensure the companies success. The newest product, StickPack, is a tubular packaging format specially-made for granulated and/or liquid products such as coffee, sugar, medicines etc. This format is enjoying increasing popularity. Well-known names from the foodstuffs, cosmetics or pharmaceutical industry such as Nestle, Kraft, Gelos or Almirall Prodespharma are customers.

Searching for a flexible control system

A couple of years ago the management realized that the previous >>

Syncro:

SYNCRO
More than just control

Founded: 2007

Employees: 20

Locations: Busto Arsizio - Varese (IT)

Products & Services: Dosing and measurement systems, gravimetric mixers, automatic profile control

www.syncro.st





Well-known customers such as Nestle, Kraft, Gelos and Almirall Prodespharma produce their goods with machines from Inever. A simplified machine topology and the use of powerful B&R components guarantee easy handling and the highest level of reliability.

automation solution was becoming obsolete and a radical change was needed in order to improve competitiveness on the market. The main requirements were reducing production costs, increasing productivity and implementing a modern tool for easy integration of the automation solution that provides the possibility for remote maintenance.

High modularity

After a thorough search, INEVER decided on the newest technologies from B&R because they provide a high degree of modularity and are therefore easily integrated in different machine types.

In general, the Spanish manufacturer produces four basic machines, which can be adapted to meet the requirements of the respective project. Using Automation Studio, it's easy to integrate various components such as controllers, visualization units, drives, fieldbuses, safety technology, etc. The program sections created in Automation Studio can be easily adjusted to other spe-

cific hardware configurations, which clearly reduces programming.

Reduced hardware costs

Equipped with Power Panels, which combine the control and visualization units in one device and therefore reduce hardware costs, the packaging machines from the Spanish manufacturer have a simplified machine topology and also require less space in the switching cabinet. The smallest machine from INEVER is equipped with a PP45 connected to X20 I/Os and ACOPOS servo drives. Communication via CAN bus guarantees fast data transfer.

INEVER machines in higher performance classes are equipped with a Power Panel PP400 with a 5.7" or 10.4" touch screen, as well as fast and secure real-time communication via POWERLINK.

In order to achieve a high production capacity - up to 1,000 StickPacks per minute - INEVER machines can be equipped with up to 24 dosing units, each controlled by a servo motor. Mechanical dimensioning of the servo motors plays a decisive role: Smaller servo motors can be aligned more densely, and therefore the dosing units can also be aligned more densely. Because of their small size, the compact servo motors from the 8JS series offer the engineers at INEVER the highest level of freedom in the application.

An additional advantage is the possibility for remote maintenance of the machines. It's possible for service technicians to make a remote connection to machines via VNC and Internet at any time. Costs and travel times can be avoided, and downtime is reduced to a minimum.

For a wide range of requirements

"As we determined that our machines could no longer meet the changing requirements of our customers, the decision to implement a new automation solution was a logical step," explains Manuel Martinez, Head Technician at INEVER. "As specialists for vertical packaging technologies, we were able to further improve the performance and reliability of our machines through the use of B&R products."

INEVER also considers the seamless support provided by B&R an especially positive factor. "During the entire change-over process, knowledgeable employees were available to provide support and to help us quickly implement our project requirements." ■

INEVER:



Founded: 2002

Employees: 17

Turnover: approx. 6 m EUR

Locations: Dosrius (ES)

Products & Services: INEVER specializes in the manufacture of vertical packaging machines for foodstuffs, medicines and cosmetics.

www.inever.es

