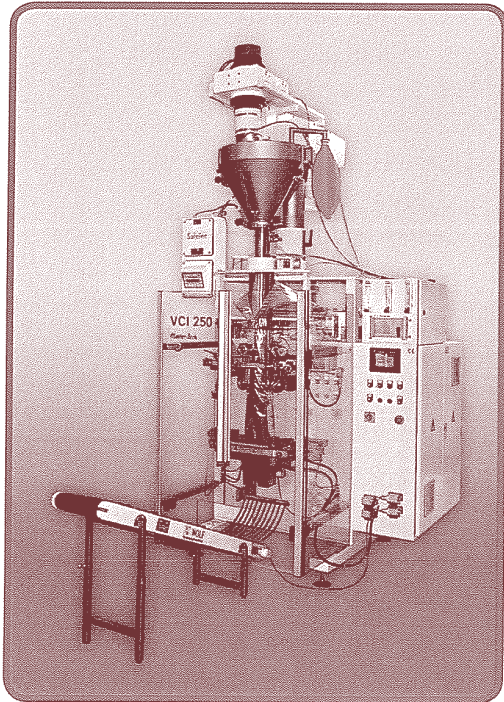


# SOLUTIONS IN ACTION

INTERPACK 2008



## Hall 15 Booth B47



**Wolf Verpackungsmaschinen GmbH** – Founded in 1988, Wolf Verpackungsmaschinen GmbH designs and builds packaging machines which stand out for their high reliability.

The wide machine program offered by the German company includes several types of packaging systems which fit a huge number of applications in food and pharmaceutical industries, providing high performances at low investment and operating costs.

“We supply vertical, horizontal and top-closing machines for the packaging of powdered, pourable and lumpy products”, says Sebastian Wolf, Junior Managing Director, Wolf Verpackungsmaschinen GmbH. “Our systems deal with bag packaging of baby food, coffee, snacks, pasta, pet food, chemical and pharmaceutical products, just to mention some examples”. VCI 250 is the packaging system for powdered products that is on the stage at Interpack. Operating at a speed of 130 bags per minute, the machine packs milk powder bags working in a continuous way: while the bagger pulls film from roll stock and forms it into a tube, continuous motion sealing tools apply heat to the seal areas to form the vertical seal and the cross seal of the bag. Each time a cross seal for a new bag is made, the bagger calls for a charge of product from the feeder. As soon as the correct amount of product is dispensed, the filled bag is advanced to receive a top seal. As the top seal is made, the finished bag gets cut off from the next bag to be filled. In order to satisfy these complex motion requirements, Wolf Verpackungsmaschinen GmbH selected Rockwell Automation as its provider to build the VCI 250 automation and control heart. “We know Rockwell Automation products very well. We experienced their high reliability in past applications and we decided to implement them on VCI 250 since we found that they could best fit its requirements in terms of speed and continuous motion.

We also tested components from other suppliers but we found they didn't prove reliable enough to work at such a high speed”.

Going into detail, Wolf Verpackungsmaschinen GmbH purchased ControlLogix and integrated it into VCI 250 as well as PanelView1000 terminal.

The plc controls all the machine motion functions: the belt runs, the sealing drops, the top feeding into the bags, the up down movements.



"We also chose PanelView1000 terminal to give the user an easier human machine interface to control over all machine functions and parameters and to manage all formats and sizes adjustments and settings", explains Sebastian Wolf. In addition to the technical reasons mentioned above, the selection of Rockwell Automation components by Wolf was also due to a precise demand coming from customers:

"End users care to the service as much as they care to product quality. They want Rockwell Automation components to be implemented on our machines since they know that in case of failures or problems they can have the components replaced in a very short time or they can get real time assistance thanks to the worldwide presence of Rockwell Automation".

Among the most important benefits Wolf received by using Rockwell Automation products is the savings in programming time; thanks to the ease of use of Rockwell Automation plc programming software, they helped reduced floor space; thanks to the small size of Rockwell Automation components, and they were able to lower maintenance costs.

"It is very important to us to build reliable machines using equally reliable standard-based components which make the job easier to our customers. According to our experience, Rockwell Automation meets these requirements".

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