

Dear business partners,

Thank you very much for your favour and attention you dedicated to us in the year 2008 and wish you a successful New Year 2009.

You have just received the first this year's issue of our TechNews, in which we would like to present two new machines – a vertical form, fill and seal packaging machine HSV81 with an inclined tube and a conveyer or weigher HS .P.A.

## Vertical FFS packaging machine HSV81 with an inclined filling tube

Based on requirements of our customers who wish to pack fragile goods on VFFS packaging machines (tea cookies, biscuits, pretzels, etc.), we have extended our new series of vertical packaging machines HSV81 with a design having a filling tube deflected from the vertical axis.

We have taken this option into account already while designing the packaging machine so that we could solve inclination of the filling tube by inserting a shaped module between the frame of the machine and front plate where its working mechanisms are seated. This solution provides the customer with maximum flexibility when choosing the design of the packaging machine because the inclination of the filling tube can be carried out event later on the machine that is already operated by the customer.

Inclination of the filling tube causes slowing down of the product being packed and thus reduction of percentage of broken fragile products. This extends significantly range of use of this packaging machine for packaging of products that due to their fragility should be packed using other less effective packaging technologies.



## Conveyor dosing weigher HS .P.A

Our customers require increasing of accuracy of product dosing. Our conveyor weighers HS .P.A. meet this requirement.

Conveyor dosing weighers were developed for dosing of big volumes of loose piece goods, such as wooden pellets, pet food, granulated fertilizers, etc. Standardly the weighers are designed for volumes from 10 dm<sup>3</sup> up to 60 dm<sup>3</sup> with weights up to 50kgs. These weighers are used in particular as additional equipment for packaging machines HSV 50B and HSV81, and also as independent equipment e.g. for dosing of products into bags. Compared with vibration weighers the advantage consists in higher outputs for big volumes and a compact design that simplifies feeding of products into the weighers and reduces requirements for the built-up area.

The machine is delivered standardly in the design "varnished steel", RAL 9007; the parts coming into contact with the dosed product are made of stainless steel 17 240.

Important: Accuracy of the conveyor weighers is influenced by uniform and controlled feeding of the product into the balance hopper!

Function of the weigher is controlled by an industrial PC Beckhoff. This allows, among others, easy downloading of the application SW (even by the customer) using a compact flash memory card without any need of a special SW, connection to the customer's computer network and use of a modem.

Communication between the machine and operator runs through a terminal (portable, if necessary) with a mono-chromatic touch screen with diagonal 5.7". This screen provides well-arranged checks and simple setting of operating parameters using icons. Up to 100 various settings of operating parameters can be saved in the terminal. Using the touch screen it is also possible to control other pieces of equipment, whose function relates to the weighers, such as automatic feeding of products into the hopper, etc.

In case of your interest we can present you both machines – HSV81 and conveyor weighers in our show and testing centre.

