

A STEP  
AHEAD



A STEP  
INSIDE

Discover the very heart of VELTEKO's cutting edge vertical packaging technology

A STEP **AHEAD**  
A STEP **INSIDE**

*We build machines with an excellent technical solution, which we consider the heart of the machine. Completely new technologies and designs are a reflection of the work we do from our heart, with a passion and a view to achieving the best possible result.*

## HSV280B STREAMLINE

One machine for everything!



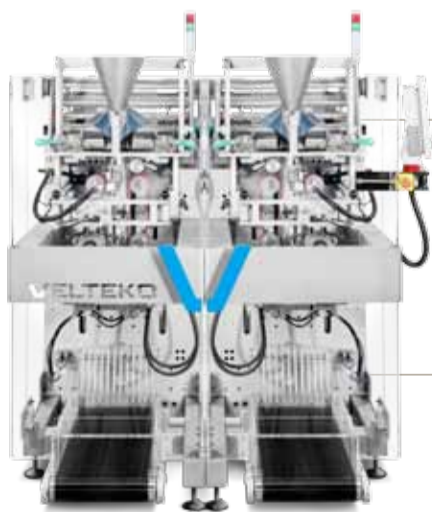
## STREAMLINE ULTRASONIC TECHNOLOGY

An ideal solution for packaging large and fragile products



## STANDUP POUCHES

New VELTEKO technology for even thinner zipper ends



## HSV210-SLIM

Tight and good-looking seals



## VT+ modules

Ease of operation



Tight and good-looking seals

Ease of operation

Maximum speed of 400 bags/min with the twin version

VELTEKO Dataservice  
Remote communication with your machine

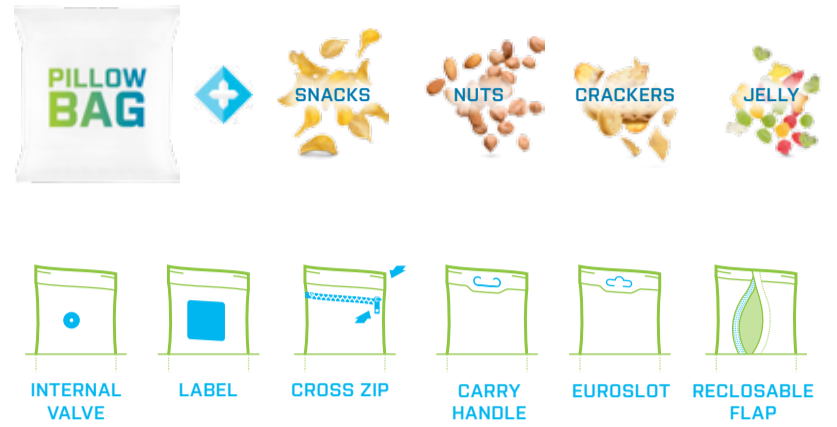
750 mm machine width

Easy to maintain



# New HSV210-SLIM vertical packaging machines

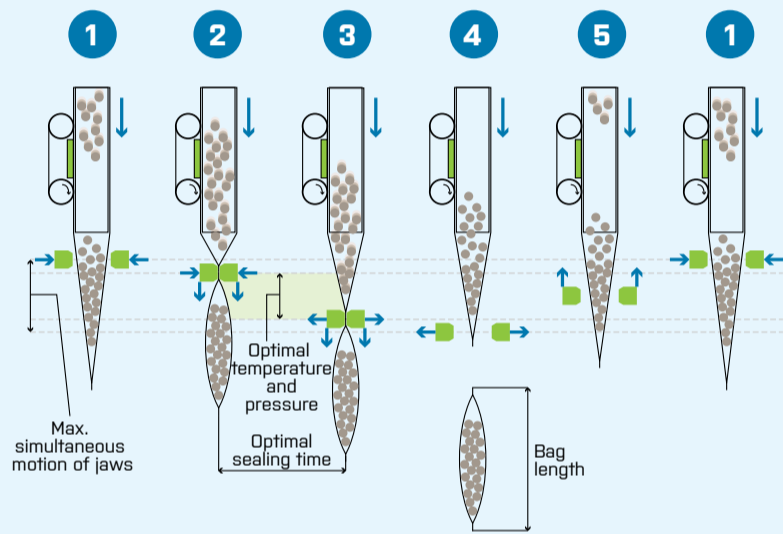
Thanks to VELTEKO's unique new Powerseal technology, the HSV210-SLIM series of vertical packaging machines have an **unfair advantage** for packaging **snacks** and **small-pieced products** into **high-quality pillow bags!**



## TIGHT AND GOOD-LOOKING SEALS

The compact SLIM machine operates with a continuous feed of packaging film and includes two design solutions that are essential for making high quality bags at high speed. These two solutions are a sophisticated cross sealing mechanism and VELTEKO Powerseal. Conventional machines do not have these features.

The Powerseal mechanism enables the cross jaws to achieve the high sealing force needed to achieve **optimal seals, maximum seal tightness and beautiful bags** with a wide range of films. This sophisticated technology, and the parallel VELTEKO motion-controlled jaws, are the two most important conditions for creating high-quality seals at high speed.



**VELTEKO motion-controlled jaws**  
Sophisticated motion control of the simultaneous cross sealing jaws allows for maximum sealing time at high speed.

**VELTEKO Powerseal Technology**  
The special Powerseal mechanism drives the cross sealing jaws, which exert the necessary force to achieve perfect seals with a wide range of films.



## INTERVIEW

We recently spoke with Frantisek Smid, Owner and Head of VELTEKO's Technical Department, about the competitive advantages of the SLIM series of vertical packaging machines.



**What are the main advantages of the new generation of SLIM series vertical packaging machines?**  
Frantisek Smid: "Our goal was to ensure it had a higher level of technical operation than existing machines on the market for creating high-quality pillow bags. The quality of the bag largely depends on the quality of the seals. Achieving good seals is dependent on the conditions under which the seal is created."

In layman's terms: to achieve a quality seal on the packaging film you need the **optimal temperature**, with the **optimal pressure**, for the **optimal time**. The SLIM machine has many additional features and advantages,

but fulfillment of this requirement was the most important. I believe we have reached this goal.

**What makes this technology unique?**  
The compact SLIM machine operates with a continuous feed of packaging film and includes two design solutions that are essential for making high quality bags at high speed. These two solutions are a sophisticated cross sealing mechanism and VELTEKO Powerseal. Conventional machines do not have these features.

Machines with rotary jaws are inherently unable to achieve optimum seals since they have only a fraction of time to carry out the sealing process compared to machines that seal with moving jaws. The major drawback for users of machines with rotating jaws is they must eliminate the use of high sealing temperatures. But this is not the optimal solution if you want good-looking bags with tight seals. The mechanisms of conventional machines with parallel jaws are not able to generate the force required to achieve sealing pressure across the entire area of the bag's surface. This lack of pressure is then "solved" by reducing the area to be sealed.

Both above mentioned drawbacks with conventional machines can be practically solved by reducing their speed, but this is also disadvantageous for the customer.

For owners of the SLIM, there is no risk of encountering these shortcomings and functional compromises.

**Where is the added value for customers and what are the other advantages of the machine?**  
Frantisek Smid: "SLIM machines offer all conditions necessary to produce high quality seals at high speed. Its additional advantages are similar to other VELTEKO machines. These include automatic foil centering on the forming collar, automatic adjustment of the shaft position when unwinding foil in accordance with its width, using VT + groups to reduce demands on the operator when resizing bags, machine control via an industrial computer (and all advantages that come with it), VPN router & IP Camera for remote servicing, TWIN design, and many more."

**Who are SLIM vertical packaging machines designed for?**  
Frantisek Smid: "SLIM machines were originally intended for packaging "snack" products in pillow bags. For these products, packaging films with inferior characteristics for producing high-quality seals are frequently used. Thanks to the one-purpose operation of SLIM machines (intended only for the production of pillow bags), they are offered at lower prices than our universal VELTEKO packaging machines. Therefore, we say that **SLIM machines are intended for all customers who package their products in pillow bags, need good-looking bags, require tight seals and demand high speed.**"



# HSV280B-STREAMLINE

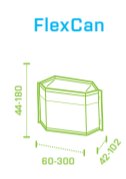
## One machine for everything!

The new series of sophisticated HSV280B vertical packaging machines, equipped with the latest technology from VELTEKO, can handle everything!

The robust construction and precision manufacturing in the Czech Republic, along with the use of quality materials and branded components, guarantee high reliability and a long service life.

### Main benefits:

- ❑ Maximum speed of **200 bags/min**
- ❑ One machine for more than **100 different variations of bags**
- ❑ **5 – 45 min.** changeovers to a different bag type
- ❑ **VELTEKO's Streamline ultrasonic technology** – ideal for packaging larger pieced and fragile products into bags with lengthwise reinforced edges
- ❑ Create **more than 16 variations of standup pouches in continuous mode**
- ❑ **VT+ modules** - Simplify setup of film unwinding features when changing format and thus reduce demands on the skills of the operator
- ❑ **Human-machine interface** for intuitive setting of the machine's operational parameters
- ❑ **VELTEKO Dataservice** - Remote communication with your machine
- ❑ **Max. reliability and long service life**
- ❑ **Support** from VELTEKO's **Service Center**



## Innovative VT+ modules

The innovative design of VT+ modules (Versatile Technology Plus) ensures ease of operation.

It reduces demands on the skill of the operator and the time required for machine changeovers without impacting performance, reliability and long service life. Its purpose is to prevent operator errors by immediately detecting and correcting them. All manual equipment comes with dials or gauges to ensure consistent settings.

VELTEKO vertical packaging machines can be equipped with one or more groups, and in the future, can be retrofitted with other module functions.

Automatically adjusts to all set operating parameters of the machine.

### Position of foil edge sensor and photo cell

- ❑ Position adjustable by servomotor.
- ❑ Position setting can be saved to memory.

### Positions of film rollers

- ❑ For location of print data (label) and for adjusting the entrance angle of the film on the collar.
- ❑ Electronically monitored.
- ❑ Position setting can be saved to memory.



## VELTEKO's new technology for even thinner standup pouch zipper ends!

Take advantage of VELTEKO's innovative vertical packaging machine solutions for packaging your products in standup pouches. A bonus of the new standup pouch technology is not only the refined look of the bags, but also their practical qualities. Application of a zipper as a secondary closing system allows for easy re-closing of the bag after opening.

VELTEKO's exclusive zipper sealing and crushing technology provides the most attractive, blemish-free zipper seals and crushed zipper ends on the world market today!

Sophisticated design solutions based on ultrasonic and mechanical preparation of zippers before their application allow (even in continuous mode) for the preservation of high quality seals, including the crossing point of the zipper and side seals.

# STREAMLINE ULTRASONIC TECHNOLOGY

VELTEKO's „Streamline ultrasonic technology“\* is a completely new solution for the ultrasonic sealing of the longitudinal edges of standup pouches and bags with sealed edges that are formed on VELTEKO HSV280B and HSV360A vertical packaging machines. It's the ideal solution for packaging large pieced and fragile products.

**STREAMLINE** is a space-saving technology. It does not increase the footprint, or total height, of the packaging machine compared to competing single-purpose machines that create pillow bags. Thanks to the optimal drop height of VELTEKO packaging machines equipped with ultrasonic technology, they are also suitable for the gentle packaging of fragile products.

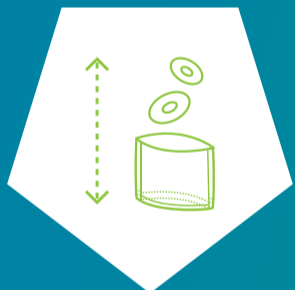
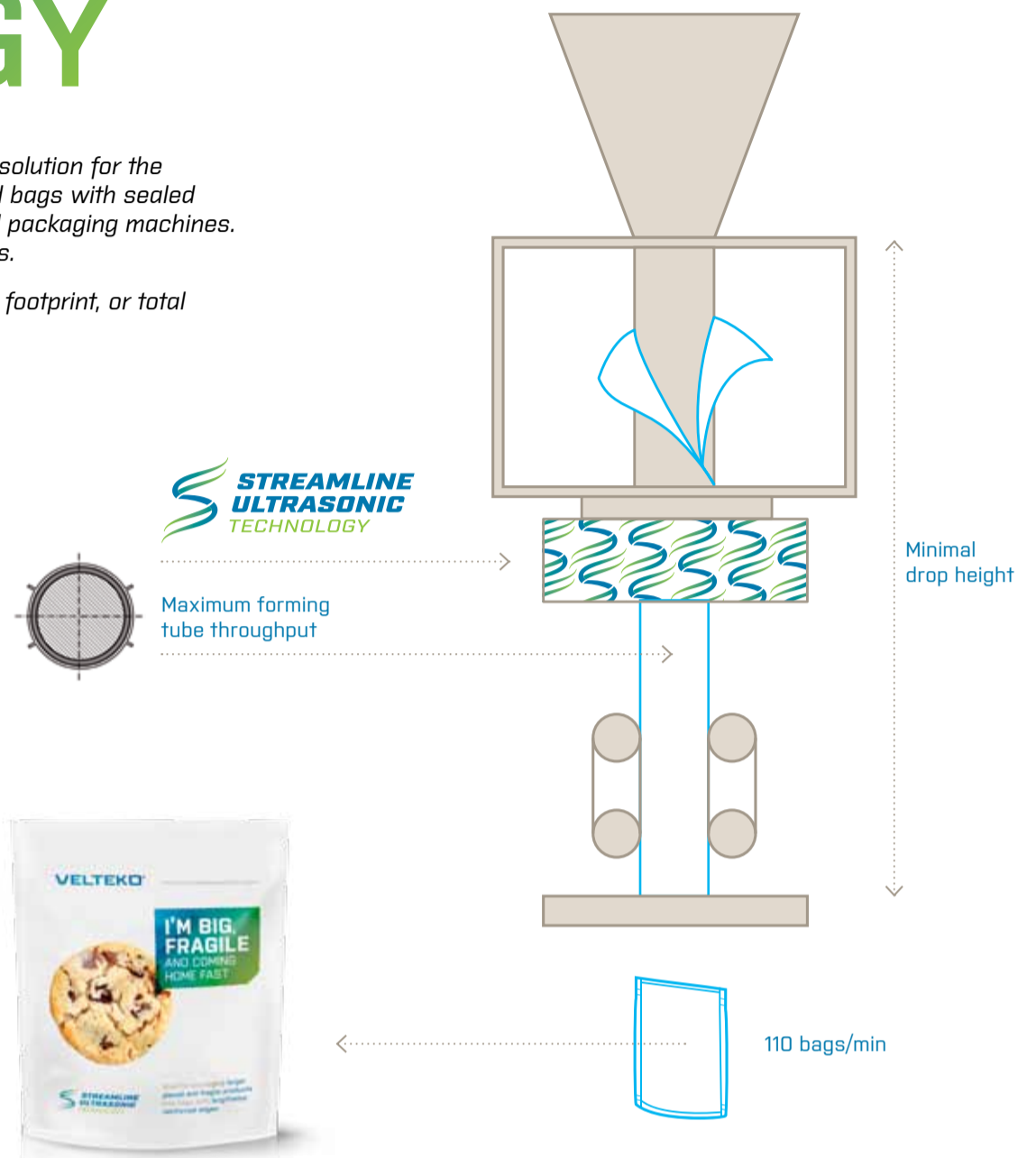
**STREAMLINE** ultrasonic technology is designed so a single device can be used with multiple filling tubes of different shapes. It can also be subsequently applied to older VELTEKO packaging machines, thus significantly increasing their value.

Relatively flat bags can also be created using circular or oval filling tubes, which significantly reduce the risk of products getting trapped in the hopper or filling tube.

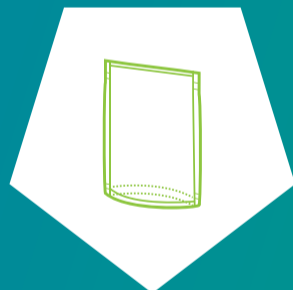
**STREAMLINE** contributes to VELTEKO machines achieving high speed with high-quality seals, while requiring less energy than traditional solutions.

When creating longitudinal edges with „Streamline ultrasonic technology“, VELTEKO machines can even operate in continuous mode while applying **modifications** to the bags such as Cut out Zip, Ultra Zip, Euroslot and Carry handle.

**STREAMLINE ULTRASONIC TECHNOLOGY** has become the heart of the sophisticated versions of VELTEKO packaging machines.



Min. risk of damaging fragile products – same drop height as machinery that produces pillow bags



Extremely attractive bags due to high quality seals



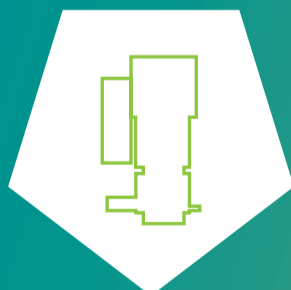
Maximum speed of 110 bags a minute



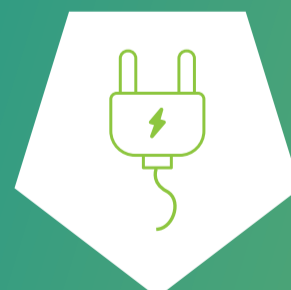
Maximum forming tube throughput – edges are formed on circular or oval filling tubes



One STREAMLINE device for multiple filling tubes



No increase in machine footprint



Energy efficient

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