

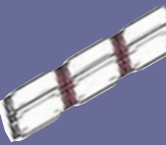


# VPK

Vertical form-,  
fill- and seal  
machine

## The VPK-highlights

- Continuous motion using Magnesium state-of-the-art technology
- Multifaceted range of products and bag shapes
- Wide format range with highest performance
- Individual storing of production programs
- Free-programmable sealing times, high sealing pressure
- Film draw down by vacuum for exact bag lengths also at extremely difficult and thin films
- Patented process for continuous bag production
- Wear-free servo-motor main drive for cross sealing station
- Machine control system via Industrial-PC with user-friendly touch-screen



... and this is only a small amount of over hundred bag varieties which can be produced with the VPK.

## Technically advanced flexible packaging



- Dosing
- Pillow Bags
- Cartoning
- Final Packaging

## VPK – technically advanced flexible packaging

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## VPK Vertical form-, fill- and seal machine



**W**ith the VPK a nearly unlimited spectrum of various products can be packed into bags very gentle with high speed. Be it frozen food, cereals, short cut pasta, sauces and a lot more – the VPK ensures a product safe handling and economic packaging of coarse, granulated, powdery, pasty or liquid products.

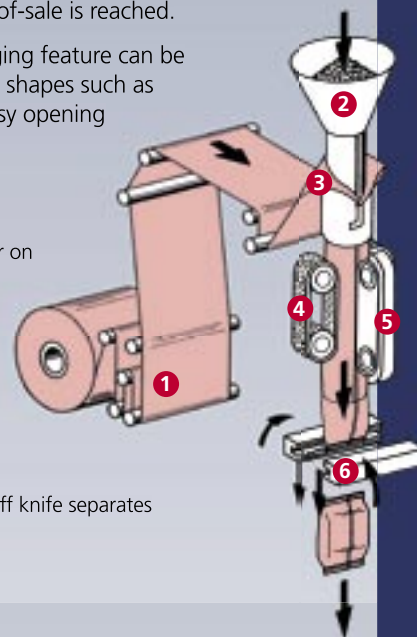
### Various and attractive bag shapes

The wide range of formats and the ability to process nearly all mono and laminate films with diverse thickness allow the production of various bag shapes and sizes. So an impressive, distinctive presentation of the products at point-of-sale is reached.

During one production process for example a euro-slot hanging feature can be added to a block-bottom, pillow or gusseted bag. Or special shapes such as Stabilo-Seal®, chain or spherical bags, bag with clip, and easy opening or reclosure features can be produced.

### The principle

- (1) The track of pack material is transferred to the forming shoulder on track rollers.
- (2) The product falls through the filling tube into the bag.
- (3) From the flat film, reel the forming shoulder forms a tube.
- (4) Draw down belts pull the pack material down along the outside of filling tube.
- (5) The longitudinal sealing tool seal the film tube lengthways.
- (6) Cross sealing tools produce the cross-seals of the bag, the cut-off knife separates the finished bags.



### Benefits and advantages of VPK

- Based on continuous motion, coupled with magnesium alloy moving parts, reducing the mass moment of inertia and thus increasing functionality, ROVEMA executes a **great innovative step** in the field of packaging machines.
- **Considerably increased performance** with improvement of bag quality at the same time, especially for the execution of the seals. Operating more smoothly, the lower noise levels significantly improve the working environment.
- **Safe film transport** also for thin films from 20 µm reached by vacuum film draw down.
- The high pressure of the cross sealing tools lead to **especially tight seals**.
- The system is controlled via ROVEMA P@ckControl combined with a **user-friendly touch-screen operator and integrated help functions**. The optional modem connection with the ROVEMA Service Centre allows the online-diagnostics and control software maintenance.
- The VPK can be used standing alone or in connection with other machines as **an integral part of the ROVEMA system technology**.

### The options

The VPI's modular construction ensures that you are well prepared for future packaging requirements, trends in pack design, or new packaging materials. The following options expand the flexibility and functionality of the VPI:

- Heat sealing, impulse welding
- Format sets for production of Stabilo-Seal® bags
- Zip strip applicator to produce re-closeable bags
- Edge profiling
- Special accessories snack food packages
- Edge control for automatic film tracking
- Machine housing in stainless steel construction
- On-line diagnostics via modem

Other options on request.