



ROVEMA

turning technology to profit.



VPL 180

The first bagging machine that thinks along with you.

The VPL 180-highlights

- Maintenance and wear free with precise modern linear motor drive system
- Very high performance, versatile and flexible – responds quickly
- Especially quiet, since it moves on a magnetic field of air
- High seam quality by individual sealing time and pressure settings
- Even difficult films can be processed at a high output rate
- Products can be changed quickly and effectively



**High-speed
for candies!**



Dosing
Pillow Bags
Cartoning
Final Packaging

VPL 180 – the high-speed solution for candies!

VPL 180 ...thinks along with you!

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ROVEMA's VPL 180 is consistently designed to respond to the needs of the confectionary industry. It signals the beginning of a new era in the area of bagging machines.

Equipped with full sealing process control and a modern, two-axis linear motor drive (patent pending) the new machine represents a revolutionary step forward in possible applications. All settings -cycle numbers, format ranges, bag lengths, sealing pressure, sealing time, sealing path and cooling time- are variable and programmable. This means greatest flexibility at highest productivity. Since the drives do not need any oil-filled gear-boxes, the machine is not only environmentally friendly, but also maintenance- and wear-free.

The VPL 180 – solid, flexible and highly efficient

Changing product is fast and easy possible. All that is necessary is changing a format tube. Long sealing times based on optimal use of the sealing path and sealing pressure up to 6000 N ensure perfect sealing quality for all bags from the shortest to the longest. In addition, more difficult films can also be processed at a higher output rate. An integrated, patented product detection prevents sealing malfunctions, since it avoids that product residue will be sealed in the cross seal and the sealing jaws are kept clean. The high output rate of up to 200 cycles/ min. ensures effective production and helps the machine pay for itself quickly.

Simple and reliable operation with ROVEMA P@ckControl

The VPL 180 is easy safe to operate with the control system ROVEMA P@ckControl. The monitoring mechanisms and dynamic limit value calculation ensure that incorrect or implausible parameters will not be accepted. In addition, the integrated online help system is available for users to assist, if needed, with convenient navigation by touch screen.

Benefits and advantages of VPL

- Very versatile with **large format range** of 50 to 180 mm and bag lengths up to 300 mm
- **High cycle number**, up to 200 / min, even with long bag lengths, since the cross sealing station permits motion curves in the X and Z direction
- **Best seam quality**, even at high output rates and with difficult films thanks to individual settings for sealing time and sealing pressures up to 6000 N
- **Quick change-over** to other bag lengths, as format change is possible without tools and adjustments are available at pushing a button
- **Fast and easy operation** with control system ROVEMA P@ckControl
- **Compact design**

Advantages of the linear motor drive

- Especially low in noise at movements and quiet at sealing
- About 22 % more efficient than machines using continuous technology
- Sealing pressure free programmable
- Any motion course can be programmed and controlled
- Quick response, direct and backlash-free, at the same time precise position at 5 µ, with an acceleration of up to 6 g
- Environmentally friendly since it uses less energy and no transmission fluid.
- Maintenance and wear-free