

BVC – CONTINUOUS MOTION FORM FILL AND SEAL MACHINES

High machine efficiency with perfect bag quality.

Best sealed seam quality through special methods



THE ALL-ROUNDER BVC

The highlights.

- High efficiency and reduction of downtimes due to Sense&Seal product detection
- Reliable product protection through Premiumseal
- Ideally adaptable to various applications
- Programmable sealing force
- Hygienic design, without hollow spaces or profiles
- Easy and quick cleaning, as the product area is separated from the drive area
- Also available in stainless steel design
- Intuitive, easily understandable operation, user interface with graphic support in national language

ROVEMA

Passion for packaging



BVC – CONTINUOUS MOTION FORM FILL AND SEAL MACHINES

Continuous motion vertical Form Fill and Seal machine

The continuous motion Form Fill and Seal machine BVC is designed for maximum output performance. The machine is equipped with the Sense&Seal product detection and the high-quality sealing technology Premiumseal also at high speeds. This results in a very high machine efficiency whilst producing perfect bag quality. The product area is strictly separated from the drive area, which ensures that the machine satisfies even the most stringent hygiene demands. In addition, the machine can be quickly and easily cleaned.

Ideal for different attractive packaging forms.

The machine can process almost all mono and laminate packaging materials of different thicknesses to enable the production of a variety of bag styles. Depending on the packaging material the BVC machines can also be equipped with different sealing types like heat sealing, impulse welding for PE films or ultrasonic sealing. Additional devices to produce bag styles like Stabilo Seal or doypack as well as printers, labelers and applicators for re-closing systems or zip-bags can be integrated in a space-saving way. The packaging task determines the machine equipment.

Best quality seals by special procedure.

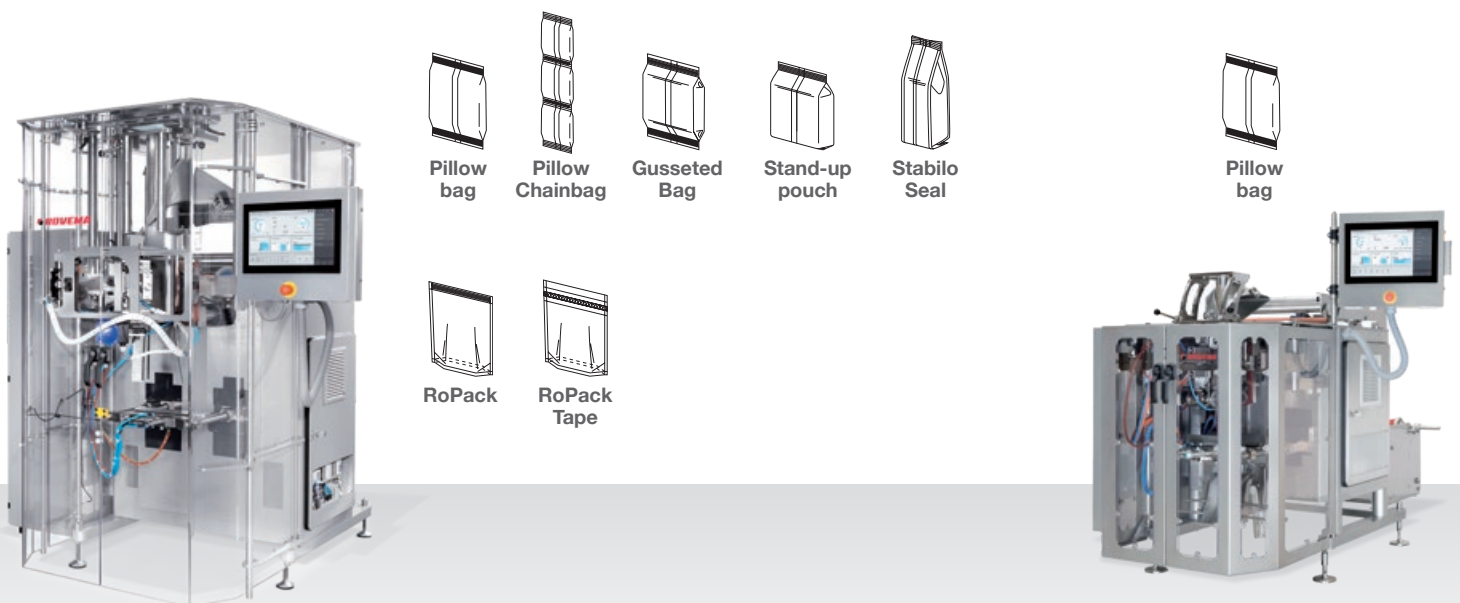
BVC machines are equipped with the Sense&Seal technology, which detects tiny product particles in the seal area by sensitive electronics. In this case the sealing process and the cutting

procedure are interrupted and the sealing jaws are stopped and retracted. The machine produces a double bag that is discharged and automatically restarts the packaging procedure. Thus downtimes for cleaning and manual troubleshooting are reduced to a minimum. The machine efficiency is increased significantly and the wear of sealing tools and cutting knives is reduced.

For difficult or very sensitive films, the BVC can be equipped with the new Premiumseal sealing technology. In addition to the sealing temperature, sealing time and cooling time parameters, the sealing power profile can also be optimized with Premiumseal. As all sealing parameters can be adjusted individually, highest reproducibility and process reliability are ensured. Influences deriving from packaging material characteristics or process-related peculiarities are taken into account in order to guarantee best possible quality for every application.

Simple and safe operation.

The Form Fill Seal machines of the BV series can easily and safely be operated with the smart ROVEMA P@ck-Control software. The intuitive touch operation enables the smooth adjustment of all operator inputs that are important for the packaging process: sealing time, sealing force, bag length and set output. Based on these parameters the machine automatically calculates the optimal operating settings. The



BVC 180/260/400

BVC 250 Compact

operator is supported by a dynamic limit value calculation, which shows maximum and minimum parameter values making it impossible to give incorrect inputs. Additionally, user-oriented step-by-step instructions with graphic support are available.

As an alternative to ROVEMA P@ck-Control an Allen-Bradley software can be used.

For special demands.

BVC 250 Compact: The high speed machine for pillow bags, suitable even for rooms with low ceiling height.

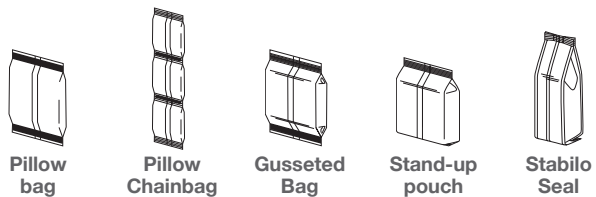
BVC 260/400 Flexible: The machine for highest flexibility in bag shape design, also for Doypack-like RoPack bags with Zip.

Technical data.

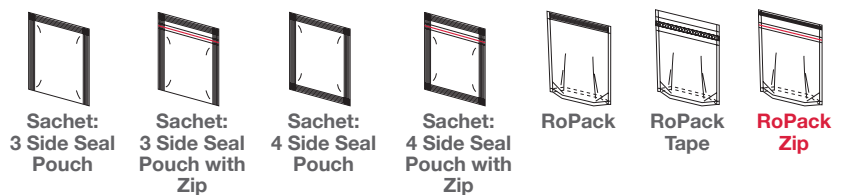
	BVC 180	BVC 260	BVC 400	BVC 250 Compact	BVC 260 Flexible RoPack with Zip*	BVC 400 Flexible RoPack with Zip*
Nominal output (B/min.)	up to 220	up to 210	up to 150	up to 240	up to 105	up to 80
Sealing force (N)	6000	6000	8000	6000	6000	8000
Format area (mm)	50 – 180 (220)**	60 – 260 (320)**	80 – 400 (420)**	50 – 250	stand height up to 260 mm	stand height up to 400 mm

* For other bag shapes technical data of standard BVC applies.
 ** Gusset fold.
 Subject to technical changes. Performance data depending on product and packaging material.

Selection of bag types



Highlights



BVC 260/400 Flexible

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