

# BVC

Vertical form-, fill- and seal machine

## Highlights

- Hygienic design, without hollow spaces or profiles
- High set performance with bags of perfect quality
- Reliable product protection due to tight seals
- Programmable sealing pressure
- High efficiency and reduced down times due to "Sense&Seal" product detection
- Easy and quick cleaning, as the product area is separated from the drive area
- Also available in stainless steel design
- The product range can be configured in a flexible way for different customers applications

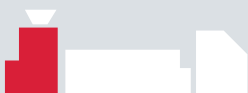


BVC 180



BVC 260

- Filling
- **Bagging**
- Cartoning
- Case Packing
- Turnkey Systems



**ROVEMA**

# BVC

## Vertical form-, fill- and seal machine

The continuous motion BVC form-, fill- and seal machine is designed and built for optimum performance, and is equipped with product detection "Sense&Seal" and the high quality sealing technology "Premiumseal" in conjunction with high speed. This will result in a very high machine efficiency rate whilst producing perfect bag quality. The product area is separated from the drive area, so the machine fulfils the highest hygiene requirements whilst ensuring that the machines can also be quickly and easily cleaned.

### Versatile and attractive bag styles

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 in order to produce bag styles like Stabilo or doypack as well as printers, labelers and applicators for re-closing systems or zip-bags can be integrated.

### Best quality seals by special procedure

BVC machines are equipped with our Sense&Seal technology, which detects tiny product particles in the seal area thanks to sensitive control programming. In this case

the sealing process and the cutting procedure is quickly interrupted and the sealing jaws will be stopped and moved back. The machine produces a double bag that is discharged and automatically starts the packaging procedure again. This reduces down times to a minimum for cleaning and manual trouble shooting. The machine efficiency is increased considerably and the wearing 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.

This allows for the very best bags in terms of repeatability and reliability meaning the best possible packaging quality is guaranteed for every single bag.

### Simple and safe operation

The BVC Vertical form-, fill- and seal machine is easy and safe to use with the intelligent ROVEMA-P@ckControl software. Simple operation via the touch screen display eases change of all the important operating inputs for the packaging process like sealing time, sealing pressure, bag length and set performance. The machine automatically calculates the optimal operating settings. The operator is supported by a dynamic limit value calculation, which shows maximum and minimum parameter values making it impossible to give incorrect inputs.

### BVC - Technical data

	BVC 180	BVC 260	BVC 400
Nominal output (B/min)	up to 240	up to 210	up to 150
Sealing force (N)	6000	6000	8000
Size range (mm)	50 - 180 (220)*	60 - 260 (320)*	80 - 400 (420)*

\*Gusset fold.

Performance specifications as a function of product and packaging material.



BVC 400

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