



ROVEMA
turning technology to profit.

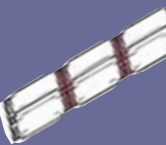


VPI

Vertical form-, fill-
and seal machine

The VPI-highlights

- Multifaceted range of products and bag shapes
- Wide format range
- Reliable state-of-the-art technology
- Free programmable sealing pressures, sealing times and opening widths of cross sealing tools
- Vacuum draw down for precise bag lengths – even for the most difficult of packaging materials
- Electronic product scanner system to avoid product in seal
- Patented process for intermittent production of cross seals
- Wear-free servo-motor main drive for cross sealing station



- Dosing
- Pillow Bags
- Cartoning
- Final Packaging

**Technically
advanced and
economic flexible
packaging**

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

VPI – technically advanced and economic flexible packaging



VPI Vertical form-, fill- and seal machine

ROVEMA

Verpackungsmaschinen GmbH
Industriestraße 1
D 35463 Fernwald
Tel: ++49-641-409-0
Fax: ++49-641-409-212
info@rovema.de
www.rovema.de

ROVEMA

Verpackungsservice GmbH
Industriestraße 3
D 35463 Fernwald
Tel: ++49-641-94 00 20
Fax: ++49-641-4 69 76
info@rvs-gmbh.de
www.rovema-verpackungsservice.de

ROVEMA

Verpackungsmaschinen Sp. Zo.o.
ul. Odynca 51
PL - 02-606 Warszawa
Tel.: ++48-22 844 7748
Fax: ++48-22 854 0446
postmaster@rovema.atomnet.pl

ROVEMA Iberica S.A.

C/Mas d'en Cisa, 5,
Apdo. Correos N0 55
E 08181 Sentmenat (Barcelona)
Tel: ++34-93-7 15 46 00
Fax: ++34-93-7 15 46 38
rovema@rovema.es

ROVEMA

Packaging Machines L.P.
650 Hurricane Shoals
Road NW, Lawrenceville,
GA 30045 U.S.A.
Tel: ++1-770-5 13 96 04
Fax: ++1-770-5 13 08 14
rovema@rovema.com
www.rovema.com

ROVEMA

Packaging Machines Limited
The Coach House
The Firs, High Street
GB-Whitchurch, Aylesbury
HP 22 4 SJ
Tel: ++44-12 96-64 20 60
Fax: ++44-12 96-64 15 50
sales@rovema.co.uk

ROVEMA Benelux bv

Everdenberg 9, 4902 TT
Postbus 4357, 4900 CJ
NL Oosterhout
Tel: ++31-162-576 464
Fax: ++31-162-576 465
sales@rovema.nl

ROVEMA Italia s.r.l.

Viale P.O.Vigliani, 21
I 20148 Milano
Tel: ++39-02 48 01 17 85
Fax: ++39-02 48 00 82 59
rit@rovema-italia.it

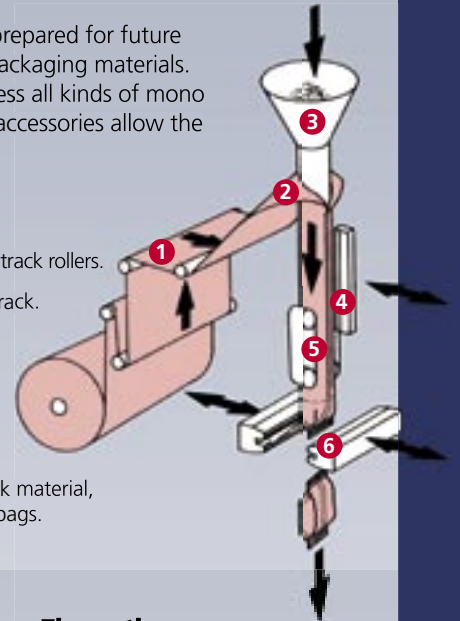
The all-round talent VPI has nearly no limits for its use! No matter whether frozen food, cereals or short cut pasta – the machine ensures at the same time a product safe handling and economical packaging of coarse, granulated, pasty or liquid products.

Modular and flexible

The VPI's modular construction ensures that you are well prepared for future packaging requirements, trends in pack designs, or new packaging materials. The wide variety of formats, along with the ability to process all kinds of mono or laminated film material and a comprehensive range of accessories allow the production of a wide range of bag shapes and sizes.

The principle

- (1) The pack material track is fed towards the forming shoulder on track rollers.
- (2) The forming shoulder creates a tube from the pack material track.
- (3) The product falls through the filling tube into the bag.
- (4) The longitudinal sealer seals the packaging tube lengthways.
- (5) The pull-off tensioners pull the pack material down to the filling tube.
- (6) The cross-sealing tools form the cross seals of the tube of pack material, thus forming a bag. The cut-off knife separates the finished bags.



Benefits and advantages of VPI

- **Various bag shapes and sizes** reached by the wide format size range and the usage of endless packaging materials
- **Vacuum film draw down as standard** ensures the safe film transport also for films thicker than 30 µm
- The lightweight construction with patented sensitive product scanning **avoids reliably un-tightness** caused by product in the cross seal. The high pressure of the cross seal tools lead to very 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.
- Seal time and seal pressure (patent) settings are entered as absolute values on touch-screen, which means the **VPI can be adapted quickly and simply to new production conditions**. An integrated plausibility check prevents incorrect operation. The user-definable and programmable opening widths of the cross sealing tools guarantee a maximum output performance.
- **Downtime is minimized** because changes of format, jaws and films can be made rapidly and easily and as it is easy to adjust the machine to meet other packaging requirements
- Its maintenance-free drives and closed frame construction with easy-clean components **reduce maintenance time** to a minimum.

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, or continuous-heat jaw assemblies
- Format sets for the production of Stabilo-Seal® bags
- Zip strip applicator to produce re-closeable bags
- Edge profiling
- On-line machine diagnostics via modem
- Edge control for automatic film tracking
- Machine housing in stainless steel construction

Other options on request.