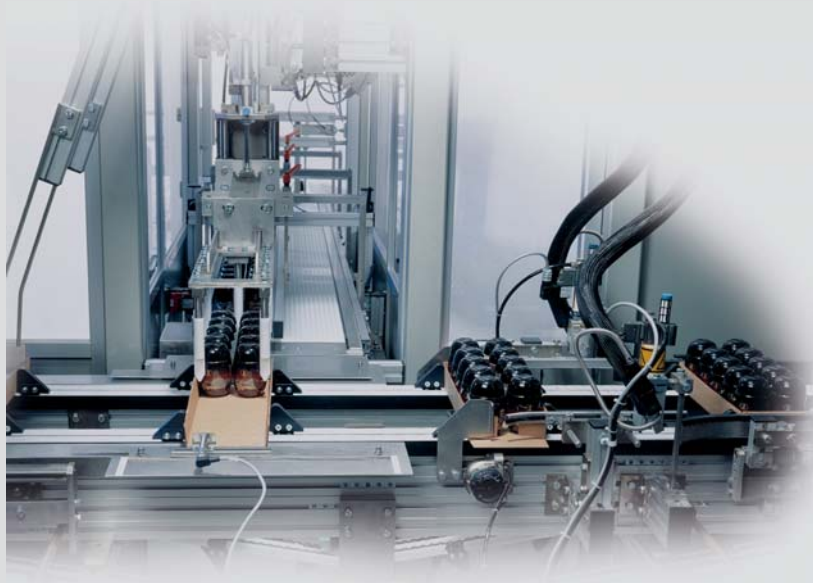


BVM



BRUNNER GMBH u. Co. KG
Packaging machinery

Tray Packers Wraparound Packers



*German Engineering
by BVM*

Perfection in packaging



BVM-Assembly

Customers are the centre of all our business activities. Customers' requirements and demands guide us and each idea is seen as an opportunity. This openness to customers' wishes shapes our business; shared objectives merge our employees into a team.

BVM Brunner is a privately-owned medium-sized company that started designing and building packaging machines in 1985. Today the company supplies high quality, innovative machines to the global packaging industry, and BVM Brunner's network of sales partners provides advice and support to companies worldwide.

Our employees are the company, whether it is their academic expertise or practical experience, the mix provides outstanding capabilities. We foster creativity and co-operation among our employees; this enables our employees to excel at their work.

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We like to take advantage of opportunities arising from advances in engineering and manufacturing; the use of precision aluminium profiles, laser technology, state-of-the-art electronics, and a modular machine design is German engineering at its best. Designing, building and testing of our machines are done under our control on our premises in Reutlingen to ensure that a high build quality matches the high engineering design quality.

A BVM machine keeps you ahead of the competition. BVM machines are built to last. Machines that were delivered more than 20 years ago are still working and continue to meet the requirements of our customers.

An unrivalled price-benefit ratio, high product quality and short delivery times made us, in many areas, a market leader in wrapping machines. For us, today's success is a commitment for the future.



BVM-Final Assembly and Start-Up



BVM-Compacta Assembly



Our Service Offering:

- › Maintenance, repair, and refurbishment of used machines
- › Training on customers' sites or in our factory in Reutlingen
- › Telephone support, provided by specifically trained technicians with years of experience in resolving mechanical and electrical issues
- › Advice on spares and consumables, sale of spares and consumables
- › Quick-response, global service team of in-depth trained service personnel
- › High spare parts availability, guaranteed availability of BVM spares for a minimum of ten years

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BVM

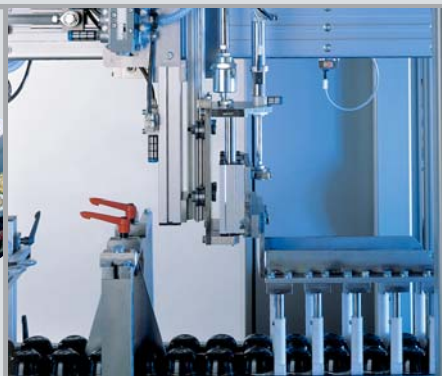
Tray Packer - Wrap Around Packer

The BVM **Tray** or **Wraparound Packers** – depending on type and equipment. Available with right angled or off-set in line infeed. In 4 stations either a tray or a carton is formed from a flat carton blank. Moreover, it is possible to use a preglued carton sleeve. The carton is closed by means of hotmelt. A special feature of the BVM wraparound packer is the possibility of producing a carton which is closed from the top.



Sample Line

automatic infeed



Technical data

Machine working stations:

- 1.) Blank pick and erect station
- 2.) Filling station
- 3.) Folding and glueing station
- 4.) Close and pressing station

Max. size:

350 x 450 x 335 mm (L x W x H in running direction)

Product infeed:

in right angle or in line via transport conveyor, slatted chain conveyor in stainless steel or plastic, depending on the products

Product transport:

flighted conveyor with plastic cover for the chain links, format length and width infinitely adjustable

Carton magazine:

infeed of the tray blanks motor-driven, vertical storing of the blanks in the magazine, capacity of the magazine approx. 300 tray blanks, infinitely adjustable

Carton sealing:

by means of hotmelt, heated application nozzels and tubes

Capacity:

up to 28 cycles/min. depending on product and size

Electrical control:

free programmable PLC, operator keyboard with message indicator and memory for specific product settings, positioning by means of digital cam mechanism

Sensors:

cable connected, screwed plug sockets, contact free with diode indicators

Air connection:

6 bar on site

Special equipment:

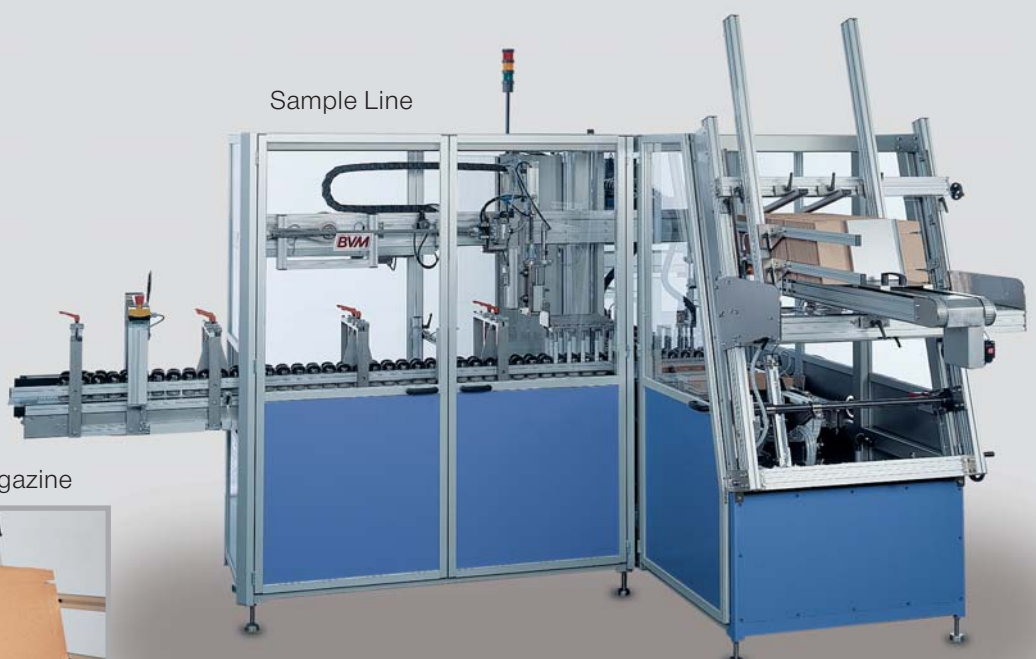
fully-automatic format change via motors from memory

Features:

Accommodates a wide range of blanks, 45° corners, display case with end openings, easy open perforation, product high tray

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Carton blank magazine



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Stretch Bander - Sleeve Sealer

Stretch banders and **sleeve sealers** wrap sleeves of single wound film around products; a stretch bander will stretch the film tightly around a product, a sleeve sealer will produce a loose sleeve that is usually shrunk tight to the product on its way through a shrink tunnel.

A machine can be configured with inline or right-angle product flow. Whether it is a fully-automatic or semi-automatic machine, or a combo-machine with wrapper and shrink tunnel combined on one frame, we supply wrapping machines for a wide range of applications.



Combo-Sleeve-Sealer

Sealing width 600 – 800 mm
Production rate up to
17 cycles/min*

Sleeve Sealer

Sealing width 400 – 1600 mm*
Production rate up to
45 cycles/min*



Stretch Bander

Sealing width 400 – 1600 mm*
Production rate up to
30 cycles/min*

*depending on product and options fitted



Shrink Tunnel

BVM Shrink Tunnels are fitted with rod conveyors; the rods are coated with heat-resistant silicon rubber.

A wire-mesh conveyor, a heat-resistant plastic conveyor, and a rod conveyor with live rollers for use with Polyolefin or PVC films are available as options.

The conveyor speed is infinitely variable and can be set at the operator station.

Possible Configuration



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Possible Configuration



Infinitely variable adjustment of the lower air flow ensures optimised shrinking.

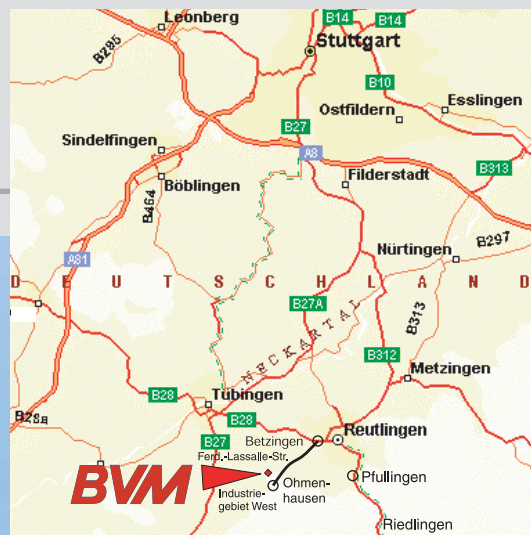
Air flow inside the insulated heat chamber is finely controlled by four dampers - top and bottom on two sides; the dampers are independently adjustable from outside the tunnel.



The set temperature is maintained accurately by a closed loop, digital temperature controller; the heating can be set at a temperature of up to a maximum of 250 °C.

BVM

Location



Our sales partner near you:

Headquarters and production site:

BVM

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Verpackungsmaschinen

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