



prewa

Verpackungsmaschinenbau GmbH

packaging dosing weighing

ABOUT US



The **prewa Verpackungsmaschinenbau GmbH (prewa Packaging Machine Company)** is a renowned system provider of vertical form, fill and seal machines as well as dosing, weighing and counting systems.

Since the foundation by Eckehard Preuß and Eckhard Wagner in 1983, from which the name **pre-wa** is derived, we have established ourselves as one of the leading manufacturers of packaging machines on the market.

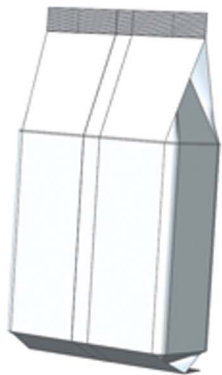
Through decades of experience, we are able to offer to our customers the most innovative, efficient and future-oriented packaging solutions, from consulting to project planning and installation.

We have an experienced and flexible team of service technicians at our disposal, who provide 24/7 service for our machines and systems. The competence and reliability of our service technicians contribute to a high level of customer satisfaction.

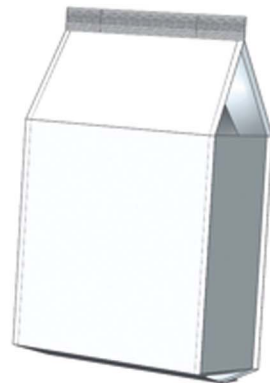
A further field of activity is the production and sale of all spare parts for the packaging industry, as well as all products related to thermal film sealing technology.



We provide high-quality vertical form, fill and seal machines for the packaging of liquid, powdery and pourable products for the food and non-food industry. We will support you from the development of a suitable packaging solution to the maintenance and repair. Whether you are looking for packaging solutions in the low-cost, economy or high-end sector, **prewa packaging machines** are 100% "Made in Germany".



Stand-up pouches



*Stand-up pouches
with edge sealing*



Side folding bags



Flat bags



*Flat bags
with euro hole*

High End in the „CUBIX-Design“



The high-end form, fill and seal machine from **prewa Verpackungsmaschinenbau** is characterized by the very easy-to-clean "Cubix" hygiene design and its high protection classes. This makes it ideal for the operation in wet areas. Through a selection of high-quality mechanical and electronic components, a high output and machine availability will be guaranteed.

CONSTRUCTION AND FUNCTIONALITY

- **Hygiene friendly housing "CUBIX" without horizontal surfaces**
- Intermittent or continuous working method (also switchable)
- Mechanical capacity: up to 150 bags/min
- Bag shapes: Flat bags, stand-up pouches, side folding bags & Quattro seal
- Minimum format changeover times (without tools)
- Machine surfaces in electropolished design (optional)
- All-round welded seams for maximum tightness
- Good accessibility to the machine housing (maintenance / service)
- Cables and hoses are protected in the tubular frame
- Clear menu-driven user interface
- Free adjustment of all parameters via touch screen
- Siemens control components (touch panel & SPS)
- Siemens servomotors
- Pneumatics Festo
- Pneumatically clamping film holding spindle
- For PE and/or heat-sealable wrapping materials (films)
- Permanently heated sealing tools PTFE ceramic coated for PE films (no sealing tapes required)
- Made in Germany





The high-end vertical form, fill and seal machine from **prewa Verpackungs-maschinenbau** is characterized by a robust machine housing and a modular design. The solid frame of this machine in painted design (optionally in stainless steel) in connection with high-quality mechanical and electronic components provides a high output and machine availability.

CONSTRUCTION AND FUNCTIONALITY

- Intermittent or continuous working method (also switchable)
- Mechanical capacity: up to 150 bags/min
- Format ranges from 50mm to 750mm (bag width)
- Bag shapes such as flat bags, stand-up pouches, side folding bags & Quattro seal
- Minimum format changeover times (tool-free)
- Housing in a painted design (optionally in stainless steel)
- Good accessibility to the machine housing (maintenance / service)
- Simple and easy operation via touch screen
- Free adjustment of all parameters via touch screen
- Siemens control components (touch panel & SPS)
- Siemens servomotors
- For PE and/or heat-sealable wrapping materials (films)
- Pneumatics Festo
- Pneumatically clamping film holding spindle
- Permanently heated sealing tools PTFE-ceramic coated for PE (no sealing tapes required)
- Made in Germany





The “economy” form, fill and seal machine from **prewa Verpackungsmaschinenbau** uses the latest servo technology and thus ensures, among other things, savings in energy consumption. The innovative housing construction in painted design (optionally in stainless steel) with a selection of high-quality mechanical and electronic components ensures high machine availability.

CONSTRUCTION AND FUNCTIONALITY

- Intermittent working method
- Mechanical capacity: up to 65 bags/min
- Format ranges from 50mm to 750mm (bag width) bag shapes: Flat bags, stand-up pouches, side folding bags & Quattro seal
- Minimum format changeover times (without tools)
- Painted frame (optionally stainless steel)
- Compact machine housing
- Simple and easy operation via touch screen
- Free adjustment of all parameters via touch screen
- Siemens control components (touch panel & SPS)
- Siemens servomotors
- Pneumatically clamping film holding spindle
- Pneumatics SMC
- For PE and/or heat-sealable wrapping materials (films)
- Permanently heated sealing tools PTFE-ceramic coated for PE (no sealing tapes required)
- Made in Germany



low cost



The "low cost" vertical form, fill and seal machine from **prewa Verpackungsmaschinenbau** provides the best entry into automated packaging. This machine type works pneumatically in the drive of the cross jaws and the film take-off has a frequency-controlled gear motor. Due to this lower material input, this class offers high machine availability.

CONSTRUCTION AND FUNCTIONALITY

- Intermittent working method
- Mechanical capacity: up to 45 bags/min
- Format ranges from 50mm to 300mm (bag width)
- Bag shapes such as flat bags, stand-up pouches, side folding bags
- Minimum format changeover times (tool-free)
- Painted frame (optionally stainless steel)
- Compact machine housing
- Simple and easy operation via touch screen
- Free adjustment of all parameters via touch screen
- Siemens control components (touch panel & SPS)
- Pneumatics SMC
- For PE and/or heat-sealable wrapping materials (films)
- Permanently heated sealing tools PTFE-ceramic coated for PE (no sealing tapes required)
- Made in Germany

Packaging





The machine type "RotoTwin 250" can reach up to 200 bags per minute with a maximum bag width of 250mm. The innovative design in combination with the selection of high-quality mechanical and electronic components guarantees a very high output and machine availability.

CONSTRUCTION AND FUNCTIONALITY

- Low product drop height
- Continuous working method
- Mechanical capacity: up to 200 bags/min
- Format ranges from 50mm to 250mm (bag width)
- Bag length from 80 to 300 mm
- Bag shape: flat bag, flat bag with Euro hole
- Minimum format changeover times (without tools)
- Tubular frame in stainless steel design
- Compact design
- Good accessibility to the machine housing (maintenance / service)
- Simple and easy operation via touch screen
- Free adjustment of all parameters via touch screen
- Siemens control components (touch panel & SPS)
- Siemens servomotors
- Pneumatics Festo
- Two separately driven pneumatically clamping foil holding spindles
- For heat-sealable wrapping materials (films)
- Made in Germany





The auger dosing from **prewa** enables the dosing of fine-grained and powdery products. The use of high-quality mechanical and electronic components guarantees high accuracy and machine availability.

CONSTRUCTION AND FUNCTIONALITY

- Volumetric dosing
- The diameter, the ascent and the speed of the auger determine the dosing volume.
- Siemens servo motor
- Tool-free dosing auger change enables easy cleaning.
- Separate or integrated Siemens SPS control system
- Adjustable auger speed
- Infinitely adjustable agitator speed (continuous or intermittent)
- Level sensor for controlling the product feed Integrated height adjustment of the auger dosing system
- Product funnel made of stainless steel or transparent acrylic glass

FURTHER EQUIPMENT OPTIONS:

- Horizontal feeding auger
- Product transfer hopper on feeding auger
- Product-specific dosing auger
- Product-related shut-off systems for dust-free interruption of the product flow.
- Gassing equipment
- Tendency control

Auger dosing „loss-in weight



The "loss-in-weight" auger dosing system from **prewa Verpackungsmaschinenbau** is characterized by a sophisticated concept and a selection of high-quality mechanical and electronic components. The dosing of free-flowing and low-viscosity, powdery and fine-grained products is simplified with this system. With loss-in-weight dosing, the entire dosing system, including the storage container, contents and dosing organ, will be weighed. Material can be discharged through the auger until the weight difference has reached the target weight.

CONSTRUCTION AND FUNCTIONALITY

- Gravimetric dosing
- Suitable for large containers of 5 to 25 kg, optionally 50 kg
- Calibratable from a container weight of 5 kg
- High-resolution Siemens weighing cells with overload protection
- Split stainless steel funnel with viewing window (hinged)
- Easy to clean in case of product changes
- Electronic Siemens control
- Tool-free dosing auger change enables an easy cleaning
- Suction socket for a suction by the customer
- Horizontal feeding auger made of stainless steel with removable bearing cap to remove the screw easily



FURTHER EQUIPMENT OPTIONS

- Product specific dosing augers
- Product-related blocking systems for dust-free interruption of the product flow
- Gassing equipment



Multihead weigher



Volume dosing



Belt dosing



Linear scale



Net bulk scale



Auger dosing

Special solutions



200MS Half tube

Vertical form, fill and seal machine in special design for the production and assembly of half tubular bags, for the packaging of car keys as single or chain bags.



45/00 KS CUBIX

Vertical form, fill and seal machine in 30° inclined position for optimum protection of products such as baked goods or sensitive frozen goods or products with a high degree of hygiene.



250e

Vertical form, fill and seal machine with special dosing for counting and separating of plastic rods with piece accuracy.



450e

Vertical form, fill and seal machine with double-head weigh scale for bulk materials such as wood pellets.



20/30 MS with carton tampering unit

Vertical form, fill and seal machine in special design for the packaging of powdery products in a 3-side sealed edge bag as single or chain bag inclusive the carton tampering unit.



50/20 MS/LB4/3 auger dosing

Vertical form, fill and seal machine 4-side sealed pouch for the production of a sealed pouch from two different films. Triple auger dosing with three auger tubes.



250e

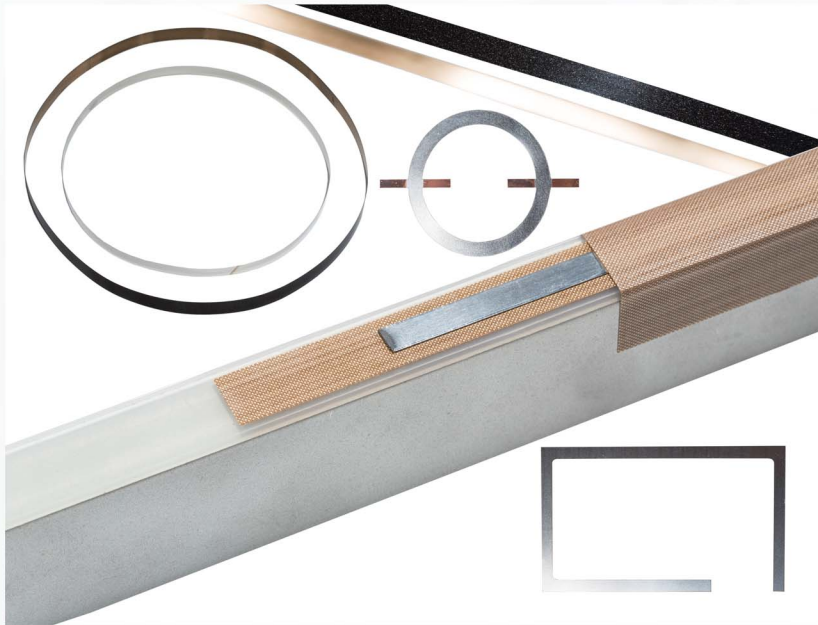
Vertical form, fill and seal machine in combination with an eccentric auger pump for liquid products.



30/50 MS Zipp

Vertical form, fill and seal machine with twisted sealing unit for the production of 3-edge-sealed bags with folded bottom fold and zip closure.

Film sealing technology



No film sealing without the **prewa** film sealing technology!

Whether you want to seal films, separate or perforate packages, the **prewa** film sealing technology provides you with the suitable accessories or spare parts for your existing packaging machine.



Impulse heating tapes



Heat-resistant underlays



Glass fabric foils



Form sealing tools



Hot air sealing system



Sealing bars



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