

Compact. Sustainable. Future-proof.

Vertical Bagger PMX 4001

Rely on the proven machine design of the PMX platform – the compact Vertical Coffee Bagger PMX 4001 ensures premium bag quality for high volumes over the entire life cycle. Further, the robust machine guarantees maximum of utilization for reliable 24/7 production processing every packaging material, especially mono materials.



Easy processing of all recyclable materials and seamlessly integrated degassing valve solutions.



TRANSPARENCY: IOT-SOLUTION

Synexio Empower, our on-premise and cloud-based solution, realizes intelligent self-optimization of the PMX machine by collecting process data in real time and visualizing it on configurable dashboards directly onsite. Detailed OEE analytics and predictive maintenance help to improve plant efficiency and reduce costs.



BENEFITS AT A GLANCE

- High performance with 65 bags per minute output
- Small footprint due to compact machine design
- Fast operation and maintenance thanks to accessibility from four sides
- Packlab with different packaging materials and suppliers with reliable, first-class results
- Supports high sustainable standards due to permanent research and development

Your packaging line: one-stop solution.

Product Handling			Primary Packaging		Secondary Packaging
Auger Filler	Netweigher	Checkweigher	Package Maker	VFFS PMX 4001	Valve Applicator
			Case Packer		

COMPACT: MACHINE DESIGN

- Robust design for maximum productivity and reliable processing during highest utilization
- Integration of up to two label applicators and two printers
- Precise and responsive web film control for perfect bag shapes
- Easy cleanability

SUSTAINABLE: FIRST-CLASS RESULTS

- Recyclable materials can easily be processed
- Testing and consulting of different packaging materials
- Research and development to fulfill premium sustainability standards

AROMA PROTECTION: PERFECT TASTE

- Long shelf-life of the bags
- Application of degassing valves on the inner side or outer side of the coffee bag
- Ultrasonic sealing of the valve applicator for easy processing of mono materials
- Lowest residual oxygen levels for high requirements

FUTURE-PROOF: SMART MACHINE

- Consumption monitoring to keep costs at a minimum
- Full control of sealing process (sealing pressure and temperature) to optimize the seal quality

TECHNICAL SPECIFICATIONS PMX 4001

Max. output at 500 g whole beans

65 bags/min

Filling weight

200 g–1,200 g

Bag dimensions with longitudinal seam

Width	60–140 mm
Depth	40–100 mm
Filling height	125–300 mm
Draw-off length	130–450 mm

Bag dimensions with full corner sealing

Width	70–135 mm
Depth	50–90 mm
Filling height	130–Max. on request
Draw-off length	130–390 mm

Max. reel diameter

750 mm

Machine dimensions without aggregates

Length	2.6 m
Width	2.1 m
Height	2.2 m

HMI 4.0 multi-touchscreen

Air-conditioned electrical cabinet

Rockwell Execution, UL & CE certification



Together we minimize production risk.
Syntegon Service Agreements

► What's the level of service you need?

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Find out more
about the coffee
solution.