PRIMA

Rotary filling and sealing machine

www.primodan.dk
The new Primodan Prima

Small rotary filling and sealing machine

The PRIMA filling and sealing machines are constructed for filling liquid, semi-liquid and dry products. The machines will fill and seal ready-made cups, jars or bottles.

PRIMA machines are very flexible and fast format changeover was the key focus when we first introduced the PRIMA to the market more than 25 years ago.

In the latest and most advanced versions, the machines are supplied with a full servo package enabling recipe handling from the panel. Changeovers between various cup heights and filling volumes are also handled from the panel.

Buying a Primodan machine will give you access to extensive experience and you get a machine which is tailor-made to fit your needs and requirements.

Full CIP cleanable

The inline mixing system is naturally fully CIP cleanable and, if a CIP plant is not available, we can offer you this equipment – which is also controlled from the filling machine.

A small independent De-CIP system is available.

When filling very hot or viscous a Compensator is available.
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Flexibility

Smaller capacity food producers often need to fill many different products. Despite its size, the PRIMA machine is designed to handle various cup sizes and has room for many different features.

Simplicity

Basically, the machine was intended to be a simple low cost filling machine for customers with limited needs - simple to use, simple to maintain. Today the PRIMA is delivered both in a very simple basic and a fully automatic version with many of the applications as of the bigger machines.

Up to 3,000 units/hour

The PRIMA can be supplied with cassettes in the turntable, enabling production of different cup or bottle sizes in the same machine. As an option, it can be delivered as a mobile device enabling the machine to be moved around inside the factory for more flexibility.

The features, which can be added to this compact machine are almost the same as for the bigger machine type ROT-O-MIN. It includes buffers for the cups and snap on lid’s for 20 minutes buffer time, UV-C treatment of the sealable lid’s, HEPA sterile air filter and compensator for filling of hot products. The Prima can also be delivered with its own CIP plant in manual or automatic operation (controlled from the PRIMA touch screen panel). This is very practical for smaller factories if CIP plants are not already present in the factory, or for bigger factories where the existing CIP plant’s capacity is pushed to the limit. The PRIMA can naturally also be connected to the existing CIP plant.

Small footprint

Due to its compact design the basic PRIMA only takes up a space of 1 x 1 meter.

Up to 3,000 units/hour

PRIMA is available in a one row edition resulting in a capacity of up to 3,000 units/hour.

Add-on features
Technical

Capacity: Up to 3,000 units/hour
Maximum cup diameter: 125 mm
Pneumatic requirement: Minimum 6 bar
Electrical consumption: 1.5 kW
Materials: Stainless steel / ionized aluminium
CE certificate / EU norm

Machine

Cup dispenser
Filling
Sealable lid
Heat sealing
Snap on lid dispenser
UP / OUT
Rotary packing table

Options

Infeed conveyor for bottles
Cup buffer – 20 min.
Filling system – piston, flow or dry food filler
CIP cleaning of filler
Sealable lids – alu die cut or Primoreels system
Snap on lid buffer – 20 min.
Laminar flow cabinet

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