

HASSIA-REDATRON

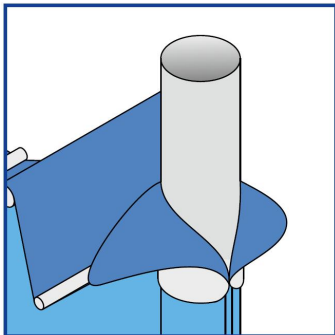
Vertical pouch packaging machine

FlexiBag[®] Bi/Bc 260

Ahead in space saving, compact design!
A new generation for more dynamic and
performance

for

universal use of pouch packaging
with a compact design.



FlexiBag Bi 260

A new generation of servo-driven pouch packaging machines with the *Two Mode Tec*-concept, intermittent (Bi) and/or continuous (Bc) operating mode offers the solution to meet evolving challenges in *Flexible Packaging*.

One-lane, fully automatic, vertical pouch form, fill and seal machine, set up for processing heat-sealable laminates and weldable packing materials (mono-film).

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Description:

For pouches in one format:

- Bag width (Format) 50 - 260 mm

Max rated output,

depending on the film, product, package size and infeed:

- Intermittent ≤ 140 cycles/minute
- Continuous ≤ 200 cycles/minute

Packing materials:

- Heat-sealable laminates and weldable packing materials (mono-film)

Reliable film running with all packing materials:

- Greater availability due to automatic, motorized lane alignment
- Optionally integrated printing unit for expiry date, price, etc.

Reproducible format shoulders/formers:

- by CAD and CNC-based production

Fast film change:

- Minimized downtime due to unreeling of the packing material with integrated end switch-off for machine stop at the end of the packing material roll, at the same time as automatic fixing of the roll end in the clamping and gluing device
- Faster packing material and format change by pneumatically expanding packing material roll shaft

Packing material lanes always clean:

- Covered superstructure protects against impurities on the inside of the film

Quick cleaning:

- by open section construction without hollow chambers, minimum risk of contamination
- Electrical cabinet made from stainless steel, surfaces hygienically smooth and easy to clean, attached to the right-hand side of the machine (left-hand machine configuration as well as stand-alone solutions optional)

Minimal space requirement:

- Floor space due to compact construction (L x W) approx. 2.3 x 1.1 m

Reproducible sealing:

- Optimum adaptation to the packing material and bag size by crosswise jaw drive using monitored servomotor
- Longitudinal movement of the jaw frame by means of monitored servomotor
- Adaptation of the jaw stroke and the jaw pressure via touch screen in the control software
- Permanent monitoring of the crosswise jaw closing movement for preventing damage to the product and jaws

Machine components:

- Minimized maintenance costs due to zero-maintenance bearing points
- Pneumatic components incl. maintenance unit
- Print mark reader with teach function, crosswise adjustment by hand wheel
- Bag length setting by input as real value on touch screen

Machine housing:

- Housing made from laser-cut and bent stainless steel

Dosing units for many requirements:

- for discrete products: Combination scales (multi-head weighers)
- for powder and granules: Auger system, micro-piston systems, volumetric cup dosing systems or belt weighing systems
- for liquids and pastes: Cone valve dosing, rotary slide valve dosage systems, flowmeter dosing

Control as integrated technology package with hardware and software:

- Robust, industrial PC with 10-inch flatscreen display and membrane panel (IP65) with swivel arm installed on electrical cabinet
- PLC for highly dynamic control process
- Servomotor controller, connected with SERCOS bus technology
- Machine setting significantly simplified by clearly arranged parameter menus with much additional information
- Memory for 96 recipes (can be expanded) with 30-character names
- Remote diagnosis and remote maintenance via TCP/IP interfaces
- Expanded diagnostic options

Options:

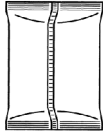
- Splice scanning device for detecting splices on film changes
- Hot filling at ~92 °C

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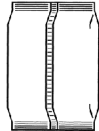
Technical data:

One-lane, fully automatic, vertical pouch form, fill and seal machine, set up for processing heat-sealable laminates and weldable packing materials (mono-film).

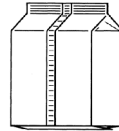
Bag shapes:



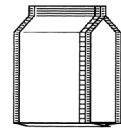
Pillow type bags



Gusset type bags



Block bottom bags



StabilPack bags

Bag sizes:

Format width: 50 - 260 mm

Draw-off length: 60 - 400 mm

Film dimensions:

Reel width, maximum: 540 mm

Reel diameter, maximum: 600 mm

Reel core diameter: 76 mm

Seam widths:

Cross sealing width (standard): 13.5 mm

Vertical sealing width (standard): 10 mm

Cutting blade pitch: 1 - 4 mm

Basic machine dimensions:

Width: approx. 1,150 mm

Length: approx. 2,300 mm

Height: approx. 1,850 mm

Weight: approx. 800 kg

Power consumption:

Average value for basic machine: approx. 11 kVA

Nominal voltage acc. to: DIN IEC 38

Indexes of protection acc. to EN 60529 (corresponds to IEC 529: 1989)

Main drive DIN 40050 – IP 54

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