

Automatic Bagging Machine Solutions

Automated laminate and poly bagging machinery suitable for coffee, salt, corn-grain products. Auger feeder and multi-head weigher solutions.

Vertical Form Fill Seal (VFFS)



The VFFS packaging machines feature full programmable logic control on all machine functions - bag length, print registration, over printer, product call and no product - no bag.

The PLC automatically monitors jaw obstructions, film breakage, print registration, packaging material run out and safety guard circuits.

Technical Data

Packing Speeds:

Up to 75 bags per minute subject to suitability of packing material, feed system and type of product to be packed.

Maximum Pack Size:

200mm wide x 225mm long.

Minimum Pack Size:

50mm wide x 60mm long.

Double Bag Length

Facility available
(Subject to suitable Bag Discharge arrangements).

Low product drop

For fragile products.

Machine Dimensions:

Width: 1000mm
Height: 1250mm
Depth: 1500mm
Weight: 450kg

Air supply:

80psi, 5 bar.

Air Consumption:

15-20 cu ft min.

Main Features

- All machines have Painted mild steel body with stainless contact parts or Stainless steel frame, parts and bearings, except where weight dictates use of anodised aluminium and bought in items are not available in such materials. (Usually specialist electrical or pneumatic items.)
- Heat sealable jaws running on hardened shafts and linear bushes for long and trouble-free life.
- All Product contact parts Stainless Steel.
- Mechanical/Inverter/Clutch Brake controlled intermittent film drive.
- Belts with encoder feed back for accurate measurement of length of pack.
- Industry Standard "Brand named" products used when not manufactured in-house.
- Omron Touch screen PLC control of all machine functions with product Codes for ease of product changeovers.
- Photo-Electric Cell Registration.
- Film Run out Detection.
- Jaw Obstruction Detection.
- Totalising / Batch Counting Facility.
- Fault Text Display.
- CE Certification.
- Interfaces easily with most filling and feed systems.

Options

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| — Stainless Steel construction | — Powered reel unwind |
| — Semi- or Fully Automatic film tracking control | — Jaw arrangements: |
| — Heat seal, Poly seal or both | — Heated or punched Euro slot |
| — Film splicing unit | — Punched slot or hole |
| — Film reel run-out advance warning | — Nick knife |
| — Splash covers | — Block bottom |
| — Tear perforations | — Gusseted bag |
| — Double-pull bag length | — High integrity seal |
| — Gusseting | — Date Coding |
| — Gas Flushing | — Bandolier pack |
| — Overprinting: Hot Foil or Thermal Transfer | — Carry handle |
| — Labellers: Pre- or Post forming set | — Block Bottom |
| — Bag Shaker | — Forming set inner tubes |
| | — Static Eliminators |