



Fig. 01 – Flopack horizontal flow-wrapping line

FLOW WRAPPING · HORIZONTAL PILLOW-PACK

Horizontal Flow Wrapping Machine

Flopack (FLOWPACK-180) · On-Edge Flow Wrapper with Auto-Feed

A high-speed flow wrapper that forms a sealed film “pillow pack” around each individual product – fed, wrapped, sealed and cut automatically, at up to 180 packs a minute.

Servo-driven index conveyors and product pushers position every item on edge, before a **double-cutter** mechanism and positive wrapper feed wrap and seal it in film.

PID temperature control through the PLC and continuously variable speed from the VFD keep seals consistent across a wide range of small-to-medium products.

EST. 1960

ISO 9001:2015

50+ COUNTRIES

1,000+ INSTALLATIONS

180

PACKS / MIN

Servo

DRIVEN FEED

Film

PILLOW PACK

PLC

PID SEALING

THE PROCESS

Feed · Index · Wrap · Seal · Cut

From single product to sealed pillow pack

Each product is fed, positioned and wrapped automatically, carried through five stages in one continuous servo-driven flow.

01	Feed	The integrated automatic feeding system places each product onto the servo-driven index conveyor.
02	Index	Servo product pushers position every item on edge at precise, repeatable spacing for the wrapper.
03	Wrap	A positive wrapper feed draws film from the reel and forms it around the product into a continuous tube.
04	Seal	The long seal is made along the film, with PID-controlled temperature for a consistent, secure bond.
05	Cut	A double-cutter mechanism cross-seals and cuts each pack, releasing a finished, sealed pillow pack.

ENGINEERED FOR QUALITY

Servo-driven indexing

Index conveyors and product pushers position items precisely and repeatably, even at full speed.

PID temperature control

Sealing temperature is managed by the PLC for reliable seals across different films and speeds.

Double-cutter mechanism

Positive wrapper feed with a double cutter gives a clean cross-seal and cut for tight, consistent packs.

VFD speed control

Continuously adjustable line speed via variable frequency drive, matched to product and material.

GOOD TO KNOW

On-edge wrapping

Products are wrapped standing on edge — ideal for slim, small-to-medium items at high throughput.

Fits your line

Slots into the wrapping stage of a full line: making → packing → wrapping → cartoning → bundling.

180

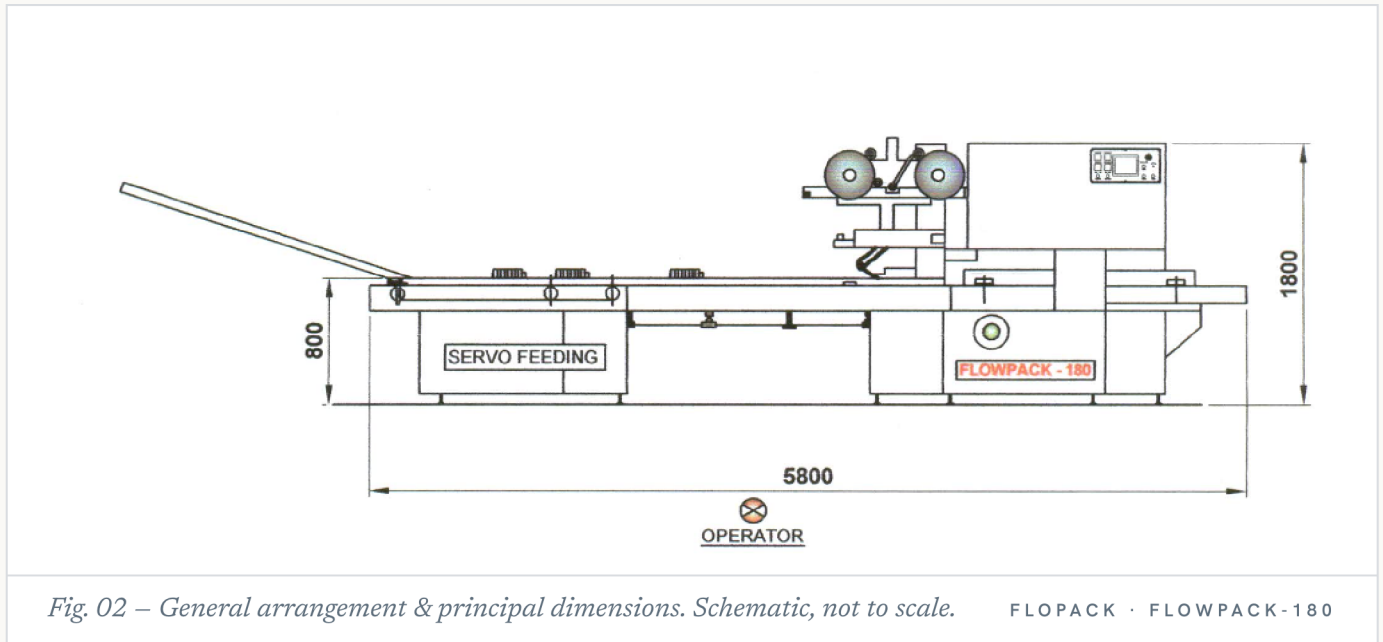
Up to 180 sealed pillow packs every minute — fed, wrapped, sealed and cut in one continuous, servo-driven flow.

GENERAL ARRANGEMENT

Dimensions in mm

Footprint & principal dimensions

An in-line layout: servo auto-feed at the infeed, the forming and sealing head with twin film reels at the centre, and finished packs discharged to the right. The operator works from the front.



- 1 Servo auto-feed
- 2 Twin film reels
- 3 Forming & sealing head
- 4 Double cutter
- 5 Pack discharge

WHERE IT FITS IN THE LINE

01 Make Produce the product	02 Pack Primary packaging	03 Wrap Flopak — flow wrap	04 Carton Cartoning	05 Bundle Bundling for dispatch
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5800
LENGTH · MM

1600
WIDTH · MM

1800
HEIGHT · MM

1800
WEIGHT · KG

SPECIFICATIONS

Flopack

Technical Specifications

PERFORMANCE

Max output	180 packs / min
Wrapping style	On-edge horizontal flow
Product	Small-medium items
Wrapper / film	Heat-seal film
Control	PLC · PID · VFD

DIMENSIONS & WEIGHT

Footprint (L×W×H)	5800 × 1600 × 1800 mm
Weight	≈ 1800 kg

STANDARD FEATURES

- High production output — up to 180 packs / min
- Double cutter mechanism
- Positive wrapper feed
- PID temperature control through the PLC
- Rugged, reliable & operator-friendly

PRODUCT & MATERIAL RANGE

Product length	60 – 200 mm
Product width	40 – 75 mm
Product height	50 – 70 mm (W+H < 125)
Wrapper cut-off	120 – 250 mm
Reel width / diameter	≤ 280 / ≤ 340 mm
Reel core diameter	75 mm

- Continuously adjustable speed via VFD
- Operator interface (keypad / touch pad) with diagnostics
- Provision for data coder
- Servo index conveyors & front / rear pushers
- Support pushers for stable on-edge transport

OPTIONAL FEATURES

St. steel guards & covers

Full stainless guarding for hygienic, food-grade lines.

Auto splicing

Joins a new film reel on the run for less downtime.

Air extraction device

Evacuates air for tighter packs on light products.

APPLICATIONS

Flow wrapping of biscuits & confectionery · individual product wrapping · pillow-pack packaging — for general-industrial, food and tobacco lines moving from manual to automated wrapping.