

## Company Profile

Founded in 1993, in Aleppo, Syria.

The insistence on quality, precision, research and development made SAB FPM one of the leading manufacturers of filling and packaging machines all over Middle East and North Africa regions.

SAB FPM machines are built utilizing developed CNC machining equipment, utilizing state of the art PLC, IPC technologies. SAB gives advice to its clients of food and detergent manufacturers.

Partnership agreements were concluded with Schneider Electric (electrical & control components), and with FESTO (pneumatic components & systems).

SAB FPM has factories, sales and service offices in Egypt, Germany, Turkey, Saudi Arabia, Morocco and Syria. It has installations in most of the Arab countries, Turkey, and Africa.

SAB FPM is Committed to total customer satisfaction and extensive after-sales service, including installation, commissioning, training, maintenance, and spare parts.

## Our Machines

- Vertical form-fill-seal machines, with weighing, volumetric, or screw filling systems (Filling and Packaging machines) for foods: (milk powder, spices, grains, thyme, seeds, nuts, edible oils, and vinegar), for chemicals: (Detergent powder, cosmetics, and insecticides).
- Horizontal (flow-pack) packaging machines.
- Shrink wrapping Machines.
- Multi-Head Weighing Systems (Combination Weighers).
- Full Production Lines (snack pellet frying lines, palm dates processing Lines, and animal feed concentrate lines).
- Mixing lines.
- Date coding machines

## Overview

SAB fpm has been building flow-pack machines (HFFS) for more than two decades.

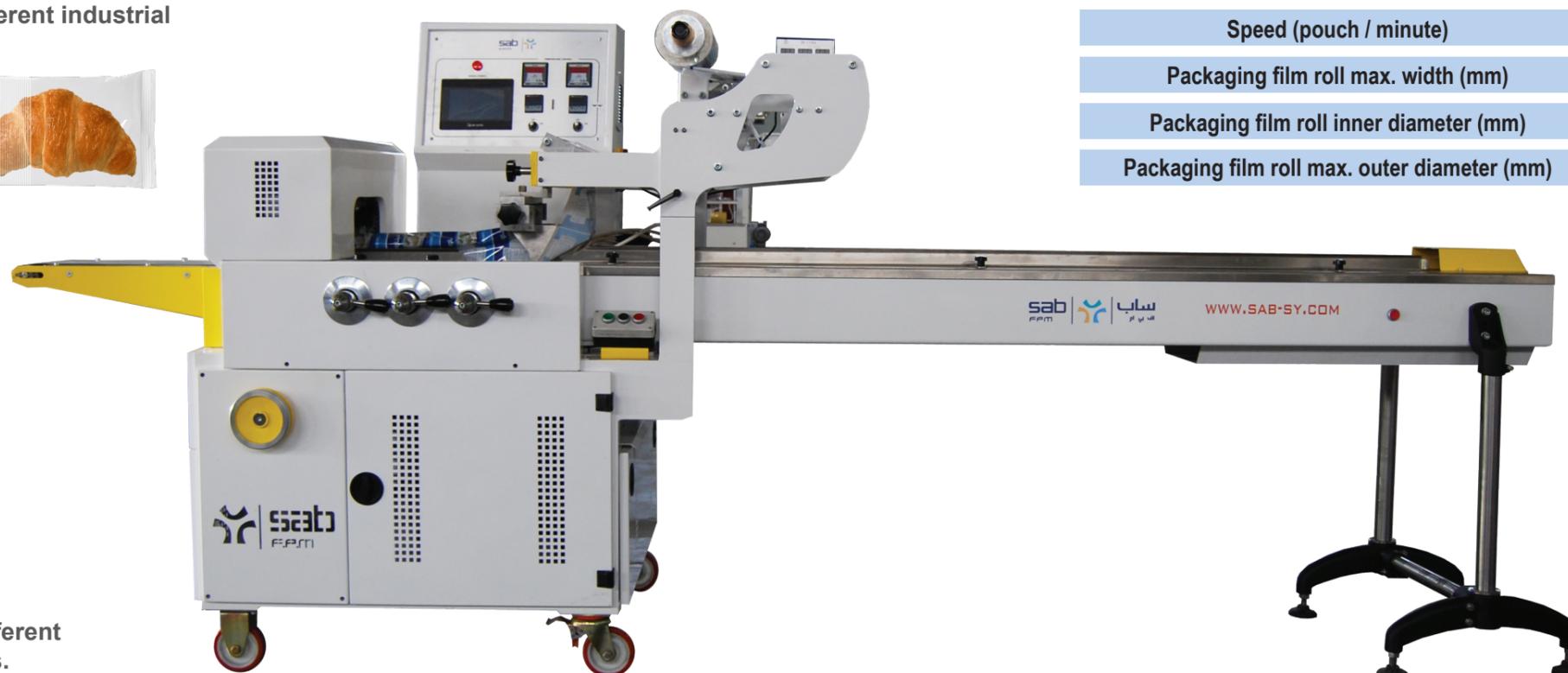
This machine was developed as a result of decades of experience and accumulated know-how, with the motive of supplying a perfect product for our customers in different industrial sectors.



## Features

- Extremely flexible on different package sizes and styles.
- Top performance and reliability.
- Ease of operation, quick change over and simple setup.
- Minimal maintenance, easy cleaning and Easy to move.
- Wide package size range.

# sab-24-a



## Applications

SAB-24-A can pack regularly shaped, solid products such as: sweets, chocolate bars, wafers, soap bars, bakeries, ice cream bars, confectionery, etc. .

## Technical Specifications

- Heavy duty construction, light and compact frame, made in fabricated steel, painted white.
- Parts which contact the product are made in AISI 304 Stainless steel (optional 316).

Model	SAB - 24 - A1	SAB-24-A2	SAB-24-A3
Min. product dimensions (Lx Wx H:mm)	30x20x2	40x20x2	60x60x15
Max. product dimensions (LxWxH: mm)	130x60x25	210x100x50	280x160x80
Speed (pouch / minute)	50-200	50-200	24-80
Packaging film roll max. width (mm)	220	290	460
Packaging film roll inner diameter (mm)	74-78		
Packaging film roll max. outer diameter (mm)	350		

- Package shape: Pillow type, 3-side seal pouch.
- Production capacity is subject to product shape, size, and packaging film used.

- Product is fed to the machine manually, one piece at a time (automatic feeder available upon request).
- Products enter the machine through a conveyor with the following specifications:
- Adjustable guides ensuring the movement of products within track.
- Product pushing system into the packaging system.
- 3 meter long.

## Pouch Forming & Sealing System

- Longitudinal sealing system, with three stages to pull packaging film, the central stage seals the package from underneath.
- After products enter into the formed film, with longitudinal seal, the cross seal is done via special sealers ensuring air tightness.
- PID digital temperature controller for longitudinal and cross sealers.
- Adjustable blade to cut the package.
- Pouch length is controlled via a photoelectric sensor (Photocell) that detects all colors.

## Control

- Full PLC control.
- HMI with LCD color touch-screen (multiple languages available upon request), to control pouch length, photocell function, machine speed, conveyor speed, and extras.
- Machine speed is controlled via Inverter.
- Main power & emergency stop switches.
- All electric components by Schneider Electric.

## Packaging Materials

Heat-seal films, except for pure polyethylene.

## Additional Extras

Printing unit.  
Gas flush (modified atmosphere).  
Zigzag cutting blades.

## Special Versions

Full stainless steel construction.



Filling & Packaging Machines

Creative Engineering Systems

**sab-24-a**  
Horizontal flow wrapping machine



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