

FLEXPACK
Flexible Packaging Machines

HORIZONTAL FORM, FILL AND SEAL SOLUTIONS



Flexible Packaging Technology

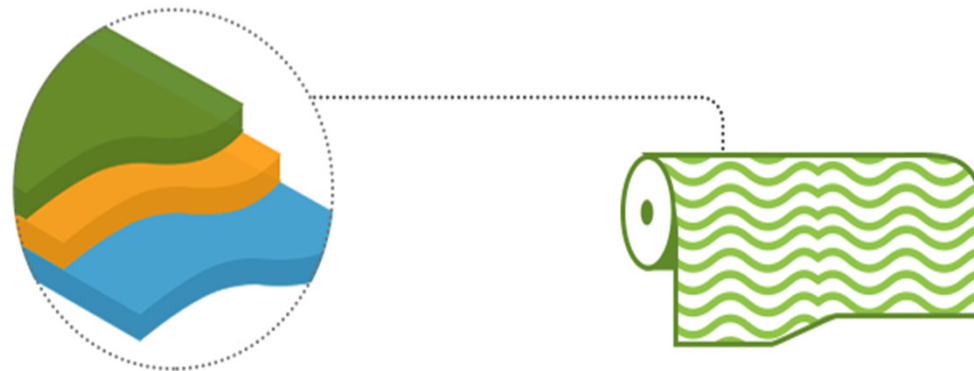
The Flexible Packaging It's one of the fastest growing segments of the packaging industry, adding value and marketability to all kind of products.



The sector combines Innovation and technology, to develop quality materials to offer the best of protective properties for the products employing a minimum of material with the best packaging machines.

Flexible Packaging

The Flexible Packaging consists of one or several sheets of plastic or paper sealed or glued, is lightweight and can be airtight so it is ideal for any industrial application, from the pharmaceutical to food industries and its function is to protect, transport , display, preserve the product it contains.



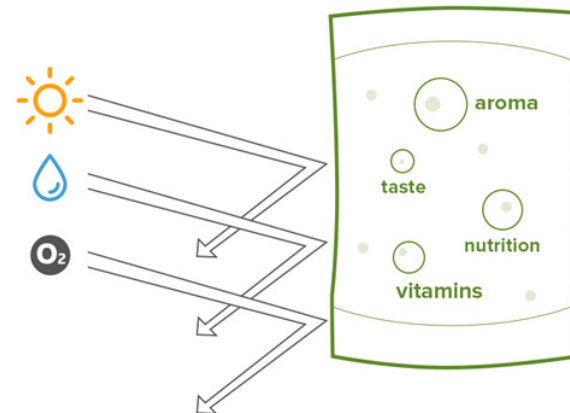
Smart Combination to
benefit material properties.

Innovation

This technology makes thousands of products more convenient, enjoyable, and safer for consumers.

Innovation and advancements in technology have led to the development of lighter weight packaging that enhance flexible packaging's shelf appeal, strength, product protection, and the ability to be sealed. Optimize the shelf life of products and preserve products properties.

Products should be safe and fresh for longer.



Enviromental Impact

Flexible Packaging it is becoming a sustainable solution, due to the use of resources and processes; requires less water and energy to manufacture and transport, and generates small quantities of greenhouse gases on its way to market.

Less Waste in the First Place;

- Uses less energy and water consumption
- Efficiency on Transportation
- Smaller Footprint Processes



THE SUSTAINABLE PACKAGING SOLUTION that generate less quantity of greenhouse gases on its way to the market.

Material and Resource Efficiency

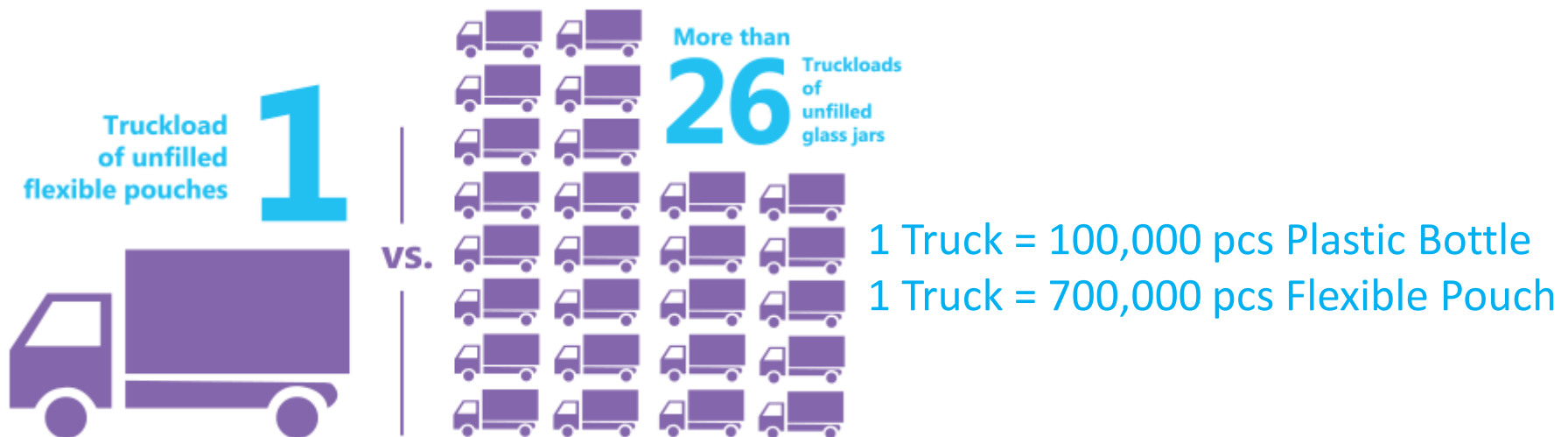
Flexible packaging usually results in less fossil fuel usage, greenhouse gas emissions, and water use than other formats due to its very light weight (source reduction). It means a minor part of food product's environmental footprint but a major role in preservation (Footprint average less than 10%).



Saves much more resources than it consumes.

Transportation Benefits

Up to 85% of Savings Space; Flexible materials are usually shipped either flat or on a roll like paper towels. This allows a large number of packages to be shipped on a truck, reducing the number of trucks needed for inbound materials versus rigid packaging.



Packaging Sustainable Solutions

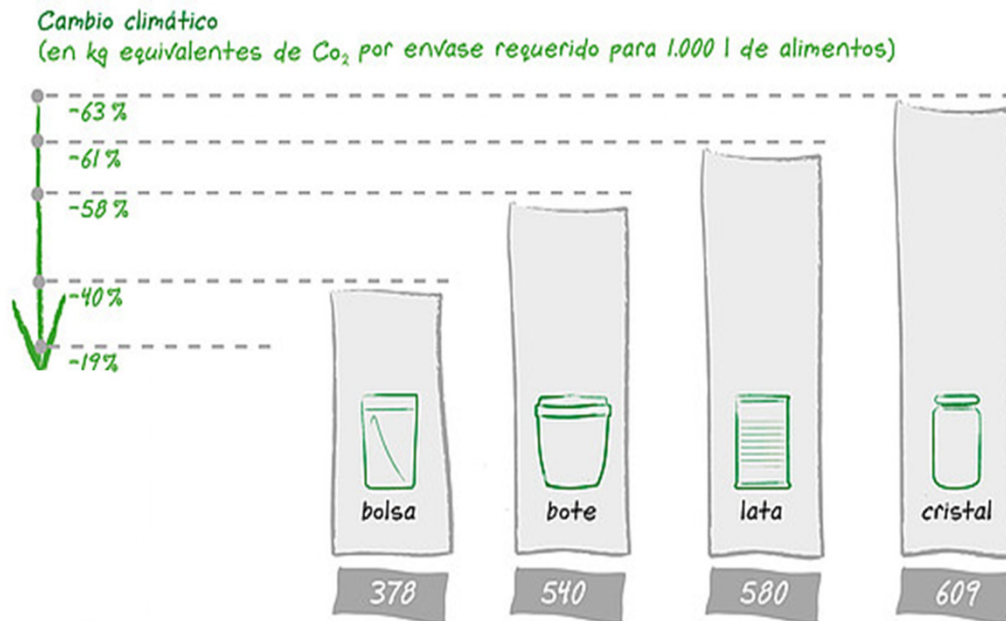
Recyclability of Flexible Packaging materials it's a technical challenge particularly difficult to improve.

- Material innovations (Such biodegradable materials).
- Reused/Recyclable materials (Pouches to make new packs).
- Use single materials instead of multiple layers (Easy to recycle).



Environmental Impact

The Impact of packaging materials and process on the environment from extraction and processing of raw materials to the manufacturing process container, transportation, filling and distribution to the point of sale and recovery or disposal of the



Consumer Convenience

Flexible packaging is lightweight, making it easy to transport and store at home. The many re-closure and dispensing options make it easy to open, carry, store, and re-seal.

- + Less material used
- + Less waste
- + Exact Fit / Easily Adjustable



Benefits - Functionality

- Microwavable.
- Easy to carry.
- Easy to use, most ergonomic for the user.
- Easy to open, low risk of injury when opening.
- Resalable (Zipper, cap)
- Easy to empty, you can use the product in its entirety.
- Occupies less space in the trash.
- Microwavable.



Image & Branding

- + Variety of sizes, colors and materials.
- + Excellent presentation and print quality.
- + The entire package may be the product picture.
- + Easy to install correctly on the shelves.



Flexible Packaging Company S.L.

Flexpack is a company founded with an international vision and entrepreneur spirit, specialized in the design, manufacture and commissioning of Horizontal Form, Fill and Seal machines for flexible packaging (HFFS).

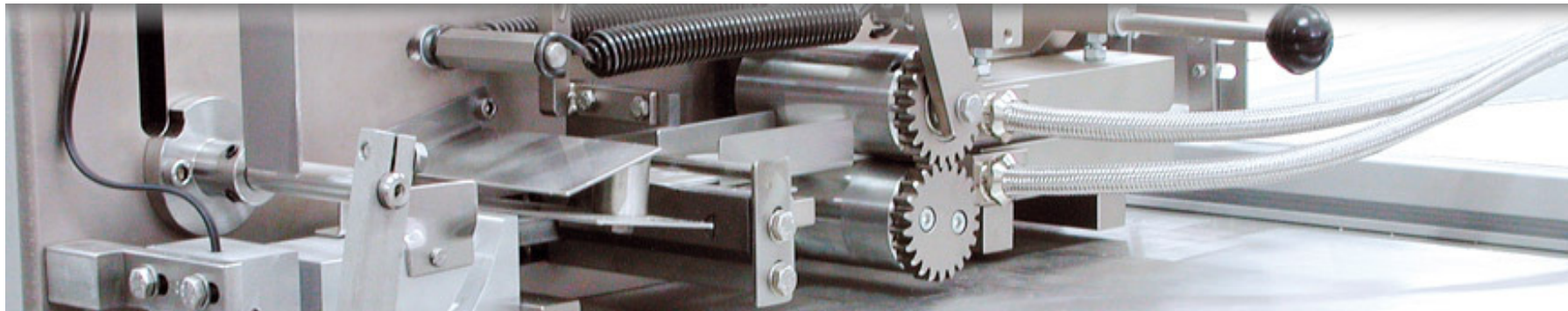
Our mission is to provide high quality machinery and technology for Flexible Packaging.



About Us

We are a dynamic and experienced team of professionals dedicated to Flexible Packaging, our developments are focused on simple, efficient, tailored, innovative and sustainable solutions to fit in all industrial sectors.

Flexpack has maintained a young and open-minded philosophy, to allow flexibility and quick decisions that customer value the most.



Business Activities

**INNOVATIVE SOLUTIONS FOR FLAT
SACHETS & STAND UP POUCHES**

TO FIT IN ALL INDUSTRIAL SECTORS.

- Food and Beverage
- Pharmaceutical
- Cosmetic
- Chemical

Statements

- Continuous Improvement
- Tailored Solutions
- Customer Satisfaction
- Aftersales and Service Warranty



Quality and Innovation

Our experience and commitment to our customers in all sectors, has allowed us to develop new and trustable solutions for all size companies.

The quality of our machines, along with the consistency and simplicity, are the most appreciated characteristic by our partners.



NF-110

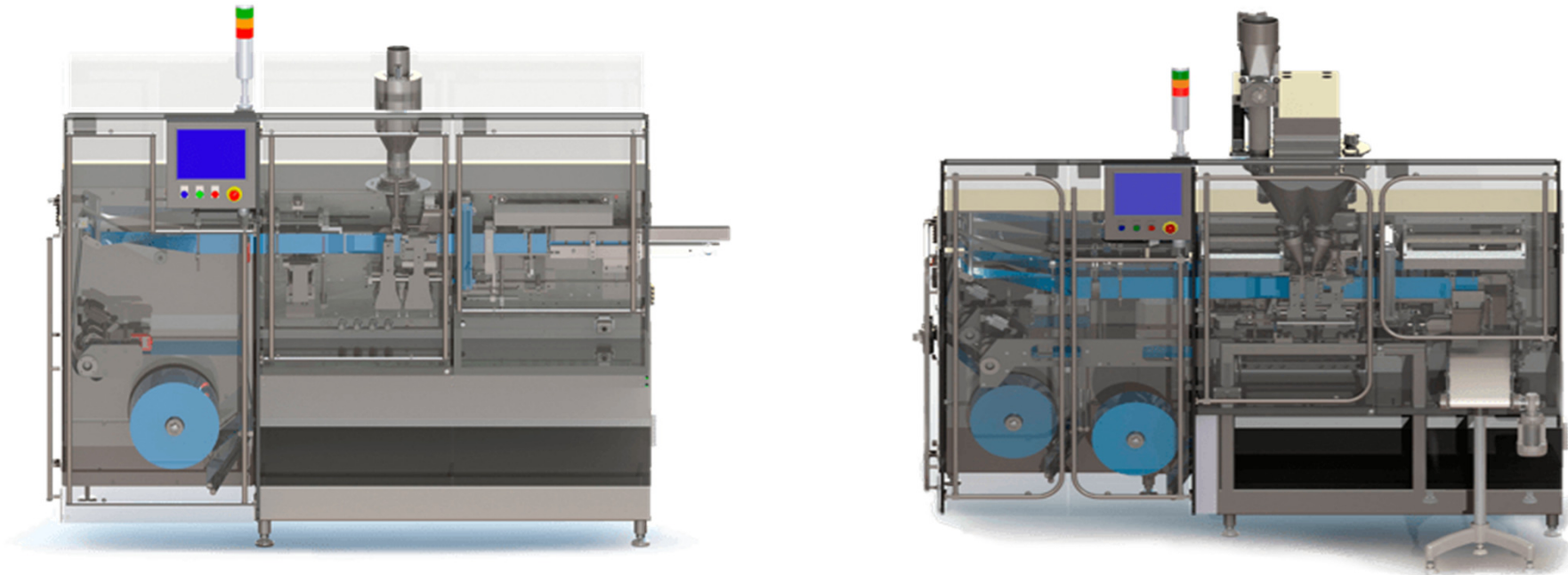
SERIES

Handy, Compact and Productive.

FLEXPACK
flexible packaging machines

NF 110 Series

High productivity on a very small space floor. Ideal for small sachets 3 or 4 sides seal, unitary, twin and strings. Major application for powders, solid and pasty products.



New Premade Line Solution

NP- PREMADE

SERIES

Compact & versatile, the easy solution
for premade pouches.

NF FLAT SACHET SERIES

Versatility, flexibility and productivity, the all in one equipment.

NF Series for Flat Sachet

Higher Performance Packaging Machines, easy and quick changeover, flexible and efficient. Ideal for medium sachets sizes, unitary, twin, spout, zipper and shapes. Major application for all kind of products and sectors.



Flat Sachets



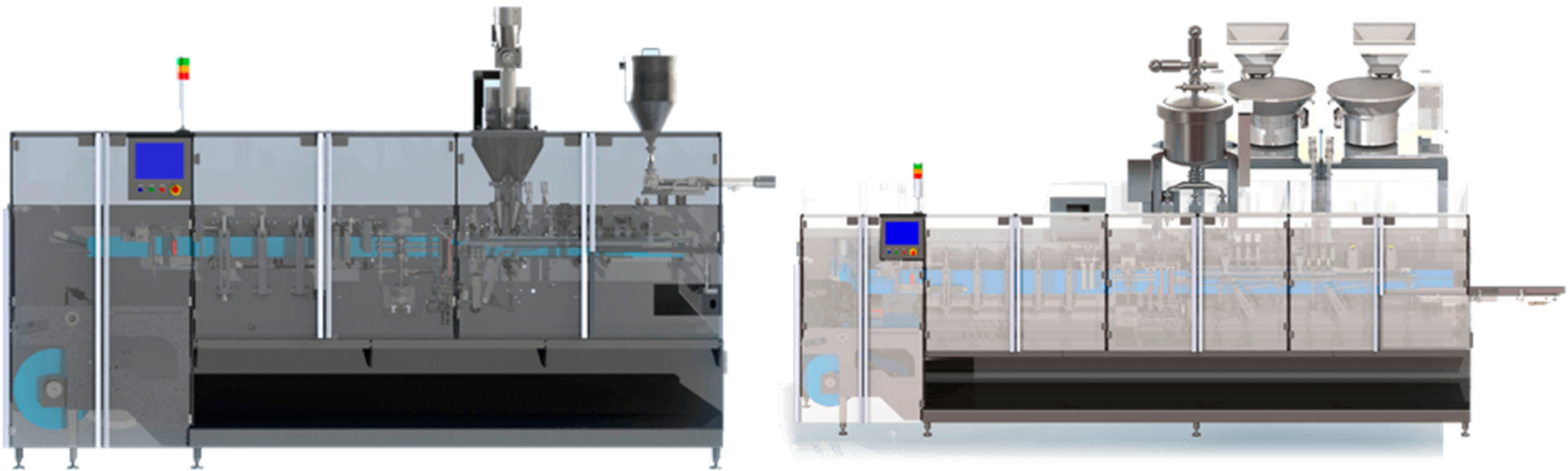
NS-STAND UP

SERIES

Compact, Versatile and Easy change over
for Stand up applications.

NS Series for Stand Up Pouch

Simply Innovative! Flexpack's all in one Stand Up pouch equipment, combines simplicity, efficiency and flexibility. Designed for all the applications and products in Stand Up Pouch up to 2,500 ml in simplex and 200 ml in Triplex. Available for all fitments (Zipper, Valve, Shapes).



Stand Up Pouch



NP Premade Series



NP PREMADE SERIES NP185

Compact & versatile, the easy solution for pre-made pouches.

FORMATS

Starting from a pre made pouch of heat-sealable material the Machine picks de pouches from a customized magazine or a multi format motorized belt, to place it in the machine's line, starting with a positive opening to fill with product, and while is transferred to the next station stretches the pouches to avoid wrinkles and have a correct sealing at the top of the pouch ensuring their tightness.



Rages & Applications

Versatile, Flexible and Productive, our Pre-Made is ideal for medium and low product lots/series of Stand Up Pouches up to 1,5 liters and Flat Sachets up to 800 cc. Designed for all the applications and products.

	Format (mm)		Volume	Output	Consumption	Dimensions	Weight
	Min	Max	(cc)	(spm)	Kw	(mm)	Kg
NP-185	80 x 110 x 35	190 x 300 x 90	1500	50	4,2	3,228 x 2,542 x 2,084	1,5



Powder and Granulated



Liquid and Pasty



Towelettes



Solids

Going Beyond the others, Flexpack's Premade machine can be adapted with a Top Spout Applicator and can easily open premade pouches with Zipper due to the special opening system.

Technical Specifications	
SACHET DIMENSIONS:	Minimum: 90 x 110 x 35 mm (Large x Height x Gusset). Maximum: 190 x 300 x 100 mm (Large x Height x Gusset).
VOLUME:	1.500 cc
MECHANICAL OUTPUT:	Up to 50 CYCLES
ELECTRIC CONSUMPTION	4.2 kW
ELECTRICAL DATA:	Standard 220/400 V, 3 Ph, 50/60 Hz. + Hz. + Terre. Other voltages available on request.
MACHINE DIMENSIONS:	Net Weight: 1.500 kg. 3,228 x 2,542 x 2,084 mm (L x W x H).

Top & Corner Spout – All in one



Top & Corner Spout Applicator

- Ergonomic & compact monoblock on balcony frame
- Machine manufactured in Stainless Steel 304
- Ecofriendly
 - Reduced cost of maintenance
 - Reduced energy expenditures
- Adjustable motorized belt multi format and easy change over.
- Special opening system that guarantees positive opening for zipper formats.
- B&R Automation with Ethernet connection
- High Resolution touch screen 10"

- Remote IP assistance
- Ewon teleservice
- Easy operation
 - Watering hoppers
 - Pneumatic vibrators
 - Static pouch stretching station prior top seal
 - Support belt for heavy weight formats.
- Wash-down design available on request
- Maximum connectivity to all kind of peripherals.

Device that guarantees the accurate positioning on a spout on top and corner side of the pouch with the same machine. The spout can be placed before or after the filling point according to the requirements of the format. The group is composed by;

- Sliding guides
- Step by Step system and spout positioning
- Spout welding
- Corner Cut



Going beyond Challenge

Horizontal Form and Fill & Seal Technology was developed to work with heat sealable materials, this is the main restriction to work with monotype materials are in the way to use biodegradable products and are easy to recycle.

Flexible Packaging company is committed to find not only solutions for a safety & efficient packaging, but to their sustainability. Reason why we already developed solution for monotype materials, our Premade Machines has the ability to seal monotype material also with spouts on top and corner.

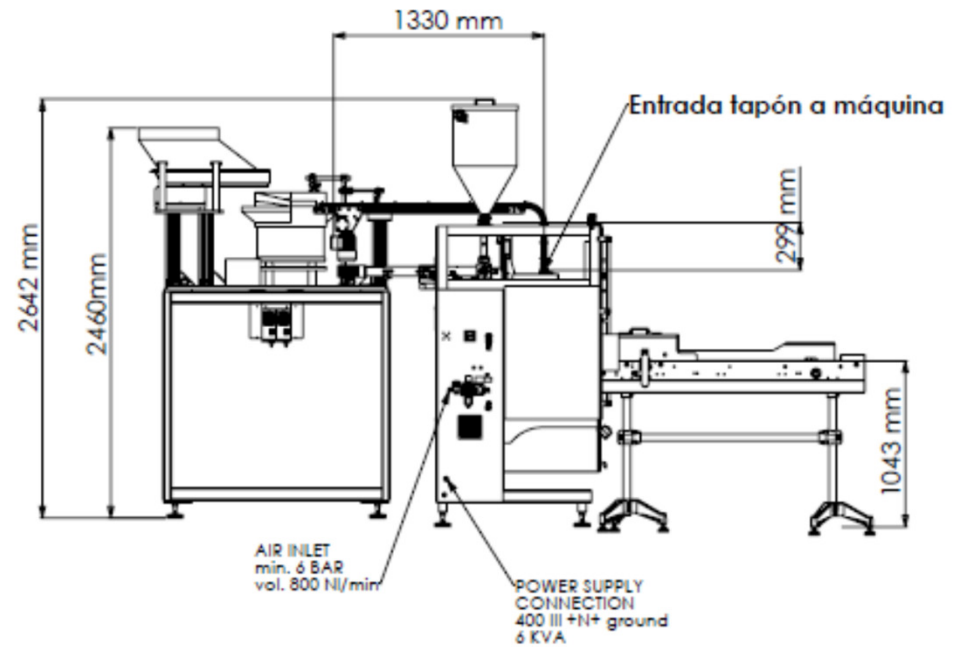
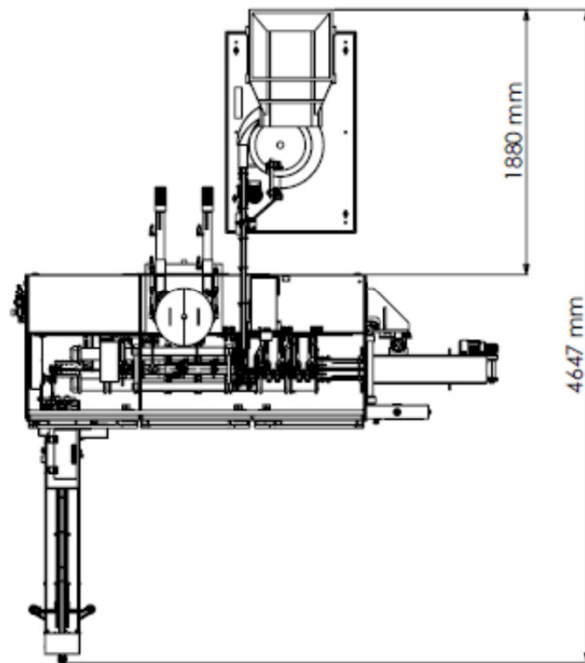
Patented Solutions

Patented solutions on monotype materials



our Premade Machines has the ability to seal monotype material also with spouts on top and corner.

Machine Layout



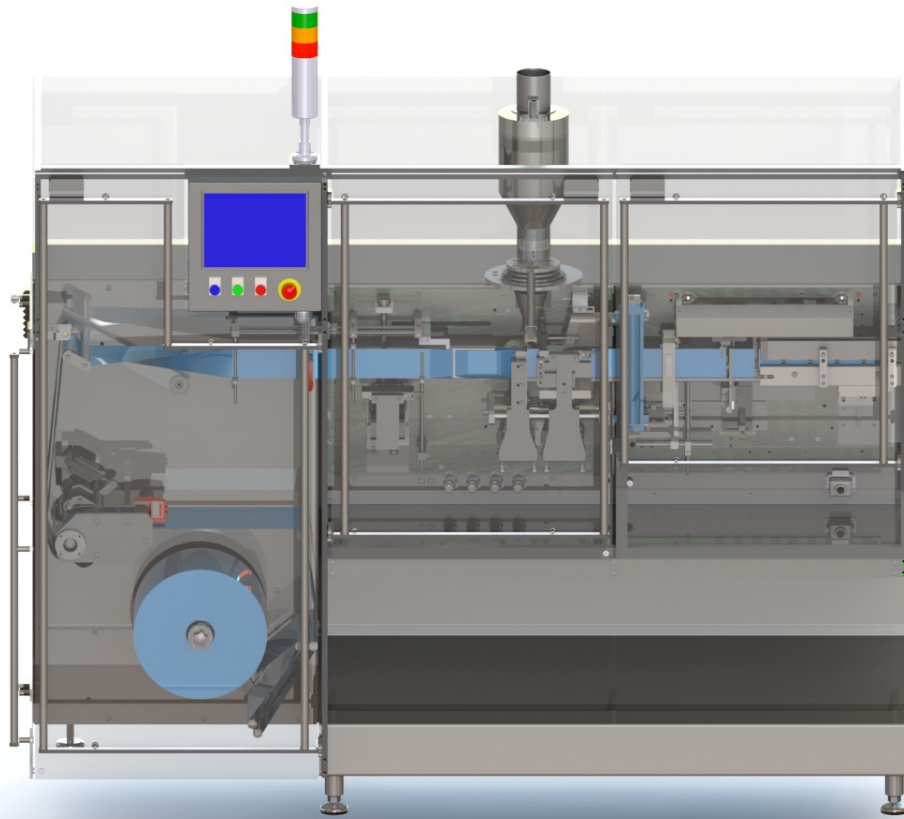
One Problem – One Solution

NF – STRING VALVE

SPECIAL

Compact & functional; The unique solution
for string of sachets with top valve

NF STRINGS VALVED



**COMPACT & FUNCTIONAL;
THE UNIQUE SOLUTION FOR
STRING OF SACHET WITH
TOP VALVE.**

High productivity on a very small space floor.

Flat Sachets



Ranges

Revolutionary solution for Cosmetic and Pharma applications;
Flexpack adapted the strings machine with a Top Spout
Applicator (*Patented solution)

Specially designed for small sachets 3 or 4 sides seal in
strings for pasty products.

	Format Size (mm)		Volume (cc)	Mechanical Output (ppm)
NF-String valve	40 x 40	110 x 130	Up to 50 cc	60 spm

Environmentally effective, this solution improves product-to-package ratio, reducing the packaging material, aligned to the packaging's sustainability efforts.

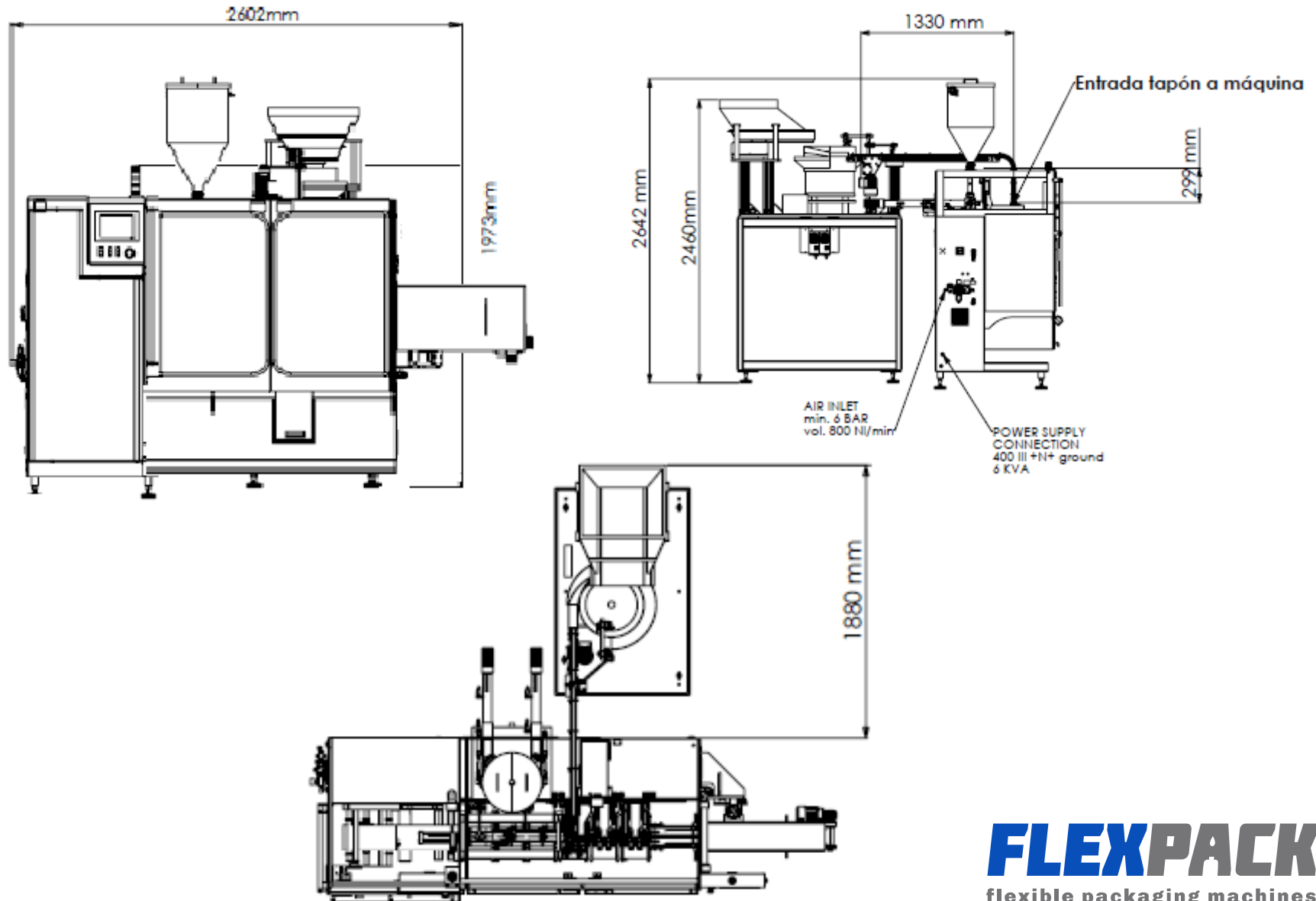
Applications

- Flat Sachet Top Spout



Perfect Application for cosmetic & pharma pasty and liquid products. Strings with no need of a flowpack wrapper as a secondary package, reducing plastic consumption.

Machine Layout



World Presence



FLEXPACK

Flexible Packaging Machines

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