

# MODULAR SYSTEM GNova SK

Horizontal Fill & Seal  
starting from z-belt pre-made pouches

## Service

The programmable Logic Controller (PLC), that is equipped on the machine, allows connection to a remote monitoring system (MES / Goglio Cloud) and allows to interface with all the possible process systems upstream and downstream of the packaging machine. The data collected on the operating parameters of the line are managed with the highest levels of safety. The performance report of the packaging line provides the necessary information for a preventive maintenance service. The aim is to ensure the highest production efficiency (OEE) and to prevent any latent criticality

## Interconnection



Provided with Programmable Logic Controller (PLC) that allows the machine components to be connected to a Remote Monitoring System (MES / Goglio "Mind" cloud platform).



7 days a week / h24  
for the management  
of production plants with data  
always available in real time

MIND  
connected

Remote  
Service



An electronic engineer  
and a technician always ready  
to analyze collected data  
and solve anomalous situations



Monitoring

Advanced Help Desk for data  
analysis and consulting

[www.goglio.it](http://www.goglio.it)

**fres-co**  
SYSTEM

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for product and services



## We pack responsibly

Offering unique experiences of innovation and service,  
together with sustainability and social responsibility.

# MODULAR SYSTEM GNova SK

Horizontal Fill & Seal  
starting from z-belt pre-made pouches



Automatic modular  
filling line. | Ideal for different products  
in various formats.

**INDUSTRY 4.0 - 4IR**

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SYSTEM

# MODULAR SYSTEM GNova SK

Horizontal Fill & Seal  
starting from z-belt pre-made pouches

## GNova Snorkel system

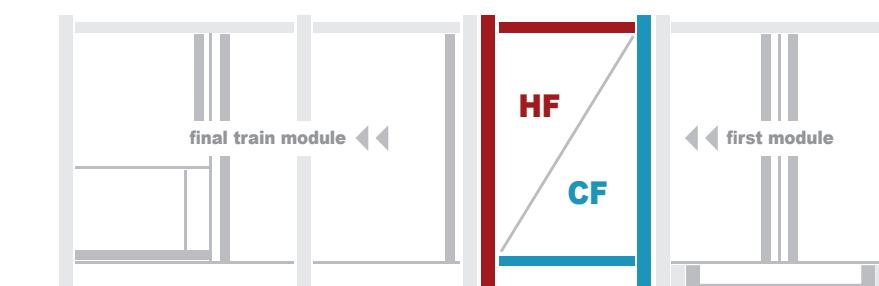
A new version of the GNova packaging line born in the 90s, now improved and in step with the times. Strong of key concepts acquired, both from our experience and feedback from our customers, GNova SK NEW with its new design is on the market as an updated and more performing packaging line with these features:

- MODULARITY
- CLEAN DESIGN
- SIMPLIFIED FORMAT CHANGE
- EASY SEARCH FOR ELECTRICAL AND MECHANICAL FAULTS
- REDUCING THE WASTE OF POUCHES

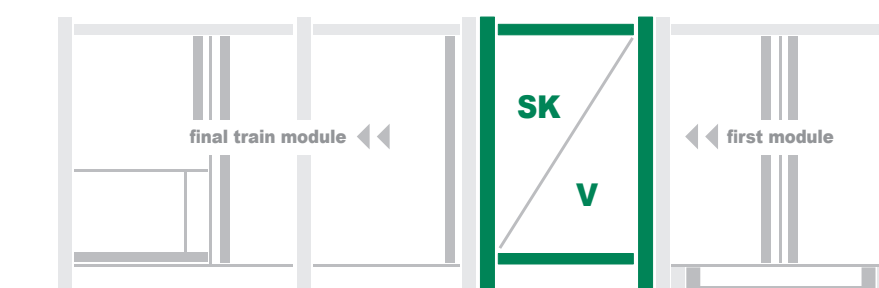
## Ready to start

Configurations: a lot of formats are already available and ready to be installed on the machine.

All configurations for the new GNova are realized with 3 frame modules.



First module + Filling module (HF hot filling or CF home care) + Final train module



First module + Filling module ( SK snorkel or V vacuum) + Final train module



## VACUUM SYSTEM GNova Snorkel

MODIFIED  
ATMOSPHERE  
**N<sub>2</sub>**



### GNova Snorkel system

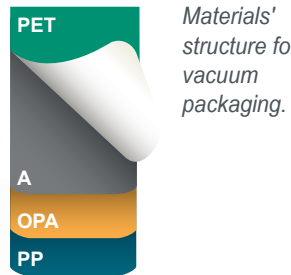
It is the technologically advanced solution, result from Goglio's experience in the sterilization field for products with solid pieces and liquid media that require low oxygen residue in the package. The machine guarantees continuous production, without interruption, thanks to the number of z-belt pre-made pouches present in each pall box (up to 20.000 pcs). The open structure wash-down and the unique sealing, make GNova easy to operate with. The vacuum in the bag is obtained with the snorkel.

### Dosing system

The wide availability of dosing systems allows to process conductive or non-conductive products, high or low density, with different pieces and PH. It is possible to configure the dosing of the solid and of the liquid parts in different combinations customized to the desired process.

### Materials and formats

The top range of Goglio quadruple laminates are used for the production of z-belt pre-made pouches. The range, up to 10 L, offers targeted solutions for every type of market and application. The quick format change and the possibility to **pack stand up, flat bags and Pillow UP** in the same machine guarantee maximum versatility.



TECHNICAL DATA	
Power consumption	10 Kw
Voltage	400 V, 3ph 50-60Hz
Air consumption	1900 NI/min
Air pressure	6 bar
Gas	b 15 Nm3/h

INSIGHTS	
Fitments	Handle, Eurohole, Different shapes
Dosing configuration	Up to 3 different liquids + 1 solid
Dosing system	Magnetic flow meter / Mass flow meter for non-conductive / Pneumatic or motorized Volumetric piston filler / Multihead scales
Management costs	Low

POUCH CAPACITY *	POUCH SIZE	MAX SPEED *
Pouches 250 ml	120 x 70 x 185 mm	up to 52 bpm
Pouches 500 ml	140 x 80 x 210 mm	up to 42 bpm
Pouches 1500 ml	200 x 325 mm	up to 32 bpm
Pouches 1 L	180 x 1050 x 265 mm	up to 32 bpm
Pouches 2 L	270 x 380 mm	up to 28 bpm
Pouches 3 L	260 x 390 mm	up to 22 bpm
Pouches 10 L	560 x 390 mm	up to 12 bpm

\* Production speed may vary depending on product characteristics, pouch conditions, operator skills and ambient filling condition.

## VACUUM SYSTEM GNova V

MODIFIED  
ATMOSPHERE  
**N<sub>2</sub>**



### GNova Vacuum system

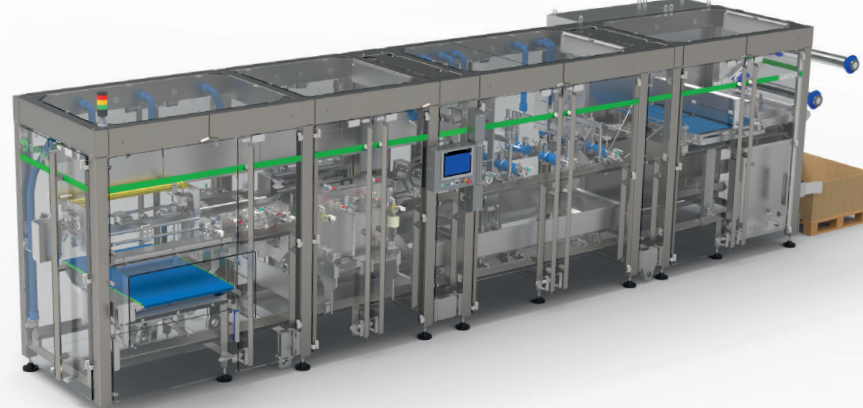
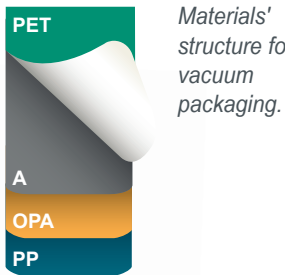
It is the technologically advanced solution, result from Goglio's experience in the sterilization field for products with solid pieces and liquid media that require low oxygen residue in the package. The machine guarantees continuous production, without interruption, thanks to the number of z-belt pre-made pouches present in each pall box (up to 20.000 pcs). The open structure wash-down and the unique sealing, make GNova easy to operate with.

### Dosing system

The wide availability of dosing systems allows to process conductive or non-conductive products, high or low density, with different pieces and PH. It is possible to configure the dosing of the solid and of the liquid parts in different combinations customized to the desired process.

### Materials and formats

The top range of quadruple laminates are used to produce preformed belt pouches. The range of sizes up to 10 liters offers targeted solutions for every type of application. The quick format change and the possibility to **pack stand up, flat bags and Pillow UP** in the same machine guarantee maximum versatility. The vacuum in the bag is obtained with the chamber.



TECHNICAL DATA	
Power consumption	22 Kw
Voltage	400 V, 3ph 50-60Hz
Air consumption	1900 NI/min
Air pressure	6 bar
Consumption N <sub>2</sub>	35 Nm³/h

INSIGHTS	
Fitments	Eurohole, Different shapes
Dosing configuration	up to 2 different liquids + 1 solid
Dosing system	Magnetic flow meter / Mass flow meter Pneumatic or motorized Volumetric piston filler / Multihead scales

POUCH CAPACITY *	POUCH SIZE	MAX SPEED *
Pouches 250 ml	120 x 70 x 185 mm	up to 50 bpm
Pouches 500 ml	140 x 80 x 210 mm	up to 40 bpm
Pouches 1500 ml	200 x 323 mm	up to 30 bpm
Pouches 1 L	180 x 1050 x 265 mm	up to 30 bpm
Pouches 2 L	270 x 380 mm	up to 20 bpm
Pouches 3 L	260 x 390 mm	up to 20 bpm
Pouches 10 L	560 x 390 mm	up to 10 bpm

\* Production speed may vary depending on product characteristics, pouch conditions, operator skills and ambient filling condition.

## HOT FILLING SYSTEM GNova HF 1/2 - 2/4



### GNova Hot Filling system

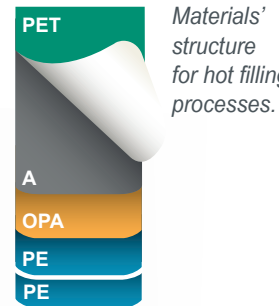
It represents technology result from Goglio's experience in the field of pasteurization. The machine guarantees continuous production, without interruption, thanks to the number of z-belt pre-made pouches in each pall box (up to 11.000 pcs). The open structure wash-down and the unique sealing, make GNova easy to operate with.

### Dosing system

The wide availability of dosing systems allows to process conductive or non-conductive products, high or low density, with different pieces and PH.

### Materials and formats

The top range of Goglio quadruple laminates with or without inner lining are used for the production of z-belt pre-made pouches. The range, up to 10 L, offers targeted solutions for every type of market and application. The quick format change and the possibility to **pack stand up, flat bags and Pillow UP** in the same machine guarantee maximum versatility.



TECHNICAL DATA	
Power consumption	8 Kw
Voltage	400 3ph V
Air consumption	1000 NI/min
Steam consumption	35 Kg/h - 4 bar
Air pressure	6 bar

INSIGHTS	
Fitments	Handle
Tank	from 90 to 300 L

POUCH CAPACITY*	POUCH SIZE	MAX SPEED *	
		GNova 1/2	GNova 2/4
Pouches 500 ml	140 x 90 x 210 mm	up to 26 bpm	up to 52 bpm
Pouches 1 L	210 x 270 mm	up to 24 bpm	up to 48 bpm
Pouches 3 L	260 x 390 mm	up to 20 bpm	up to 40 bpm
Pouches 5 L	350 x 390 mm	up to 14 bpm	up to 28 bpm
Pouches 10 L	560 x 390 mm	up to 14 bpm	up to 14 bpm

\* Production speed may vary depending on product characteristics, pouch conditions, operator skills and ambient filling condition.

## COLD FILLING SYSTEM GNova CF 1/2 - 2/4

SPOUT APPLICATOR  
IN LINE  
  



### GNova Cold Filling system

It represents the best solution for room temperature filling, result from Goglio's experience. The machine guarantees continuous production, without interruption, thanks to the number of z-belt pre-made pouches present in each pall box (up to 11.000 pcs). The open structure wash down and the unique sealing make GNova easy to operate with.

### Dosing system

The wide availability of dosing systems allows to process conductive or non-conductive products high or low density, with different pieces and PH.

### Materials and formats

The top range of Goglio 3-ply laminates are used for the production of z-belt pre-made pouches. The range, up to 10 L, offers targeted solutions for every type of market and application. The quick format change and the possibility to **pack stand up, flat bags and Pillow UP** in the same machine guarantee maximum versatility.



TECHNICAL DATA	
Power consumption	22 Kw
Voltage	400V 3ph 50-60Hz
Air consumption	1.400 NI/min
Air pressure	6 bar

INSIGHTS	
Fitments	Spout, Handle, Eurohole, Zipper
Tank	from 90 to 300 L

POUCH CAPACITY *	POUCH SIZE	MAX SPEED *	
		GNova 1/2	GNova 2/4
Pouches 500 ml	140 x 90 x 210 mm	up to 26 bpm	up to 52 bpm
Pouches 1 L	200 x 95 x 220 mm	up to 24 bpm	up to 48 bpm
Pouches 2 L	210 x 110 x 310 mm	up to 20 bpm	up to 40 bpm
Pouches 5 L	350 x 390 mm	up to 14 bpm	up to 28 bpm

\* Production speed may vary depending on product characteristics, pouch conditions, operator skills and ambient filling condition.