



# SHAPING IDEAS SINCE 1994



60 YEARS OF INNOVATION (1955-2015)

**VERTICAL CARTONING MACHINES**  
**HORIZONTAL CARTONING MACHINES**  
**CASE PACKERS**  
**FILLERS**  
**COMPLETE SOLUTIONS**

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

# BETTI





A large collection of various consumer products, including food, cleaning supplies, and personal care items, arranged on a white background. The products are from different brands and countries, illustrating a wide range of goods available for sale.







**BETTI**

## **VOLUMETRIC DOSERS**

*Thanks to the continuous research and development of new materials, the volumetric dosers installed on Betti machines, guarantee excellent weight tolerances at high, medium and low production speed. The innovative design and easy accessibility make such dosers extremely reliable and easy to clean.*

### **NB/50/14-D**

Vertical cartoning machine for small, medium and big carton sizes.

Production speed up to 50 Cartons/1'



### **NB/70/20-D**

Vertical cartoning machine for small, medium and big carton sizes.

Production speed up to 75 Cartons/1'



### **NB/150/28-D**

Vertical cartoning machine for small and medium carton sizes.

Production speed up to 150 Cartons/1'



### **NB/150/32-D-SX**

Vertical cartoning machine for medium and big carton sizes.

Production speed up to 150 Cartons/1'



### **NB/250/52-D10**

Vertical cartoning machine for small carton sizes.

Production speed up to 350 Cartons/1'





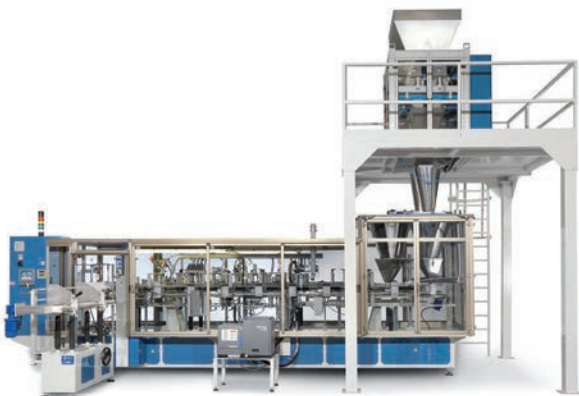
**NB/50/18-W**  
Vertical cartoning machine for  
small, medium and big carton  
sizes.  
Production speed up to 50  
Cartons/1'



**NB/85/22-W2**  
Vertical cartoning machine  
for small and medium carton  
sizes.  
Production speed up to 110  
Cartons/1'



**NB/150/30-W**  
Vertical cartoning machine  
for small and medium carton  
sizes.  
Production speed up to 150  
Cartons/1'



**NB/60/SP/22-W**  
Vertical cartoning machine for  
small, medium and big carton  
sizes.  
Production speed up to 100  
Cartons/1'



**NB/150/L/34-W-SX**  
Vertical cartoning machine  
for special small and medium  
carton sizes.  
Production speed up to 130  
Cartons/1'



## WEIGHERS

*The know-how acquired in 60 years of activity, the continuous development of hardware and software which manages each Betti machine allows us to integrate with any weighing system currently available on international market. Betti machines can be integrated or combined (also directly at the customer's site) with multi-head scales, gravity and linear scales as well as various systems of counting.*





### **NB/85/22-S**

Vertical cartoning machine for small and medium carton sizes. Production speed up to 60 Cartons/1'



## **BAG IN BOX**

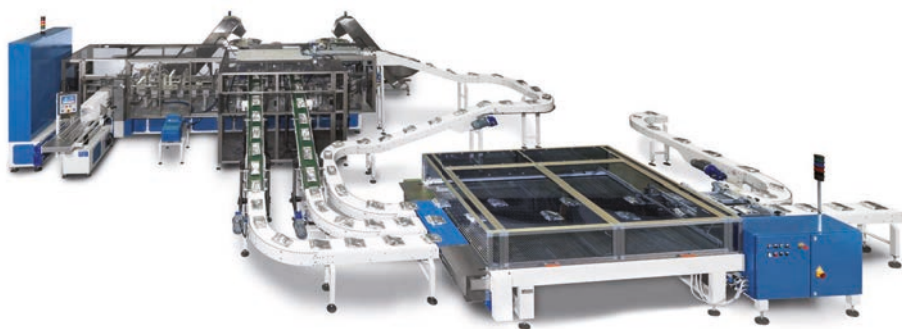
The "bag in box" vertical systems installed on Betti machines offer the possibility to introduce bags of every type (containing liquids, powders and granular) even in cartons in which the size is limited respect to the bag to be introduced.

You can introduce into a carton a single bag, two overlapped bags or even two or more aligned bags one in front of the other. Our range of "bag in box" systems includes the possibility to introduce, even at high production speeds, groups of monodose bags into the carton.

The great exibility of our machines allows the integration of different "bag in box" systems in a single vertical cartoning machine.

### **NB/85/42-S2-SC-M**

Vertical cartoning machine for small and medium carton sizes equipped with 3 different bag in box introduction systems and also the automatic introduction of spoons. Production speed up to 70 Cartons/1'



### **NB/150/46-S3**

Vertical cartoning machine for small and medium carton sizes suitable for the introduction of monodose bags. Production speed up to 100 Cartons/1'





### **NB/85/34-SDC**

Vertical cartoning machine for small and medium carton and jar sizes. The machine is equipped with Volumetric doser, Auger filler and Bag in Box unit.

Production speed:  
 Volumetric doser up to 100 Cartons/1'  
 Auger filler up to 40 Cartons/1'  
 Bag in box up to 50 Cartons/1'



## **COMBINED SOLUTIONS**

*The great advantage of the Betti vertical cartoning machines is the possibility to integrate different feeding systems on a single machine, allowing the use of various types of products but at the same time reducing overall dimensions and costs, guaranteeing maximum flexibility.*



### **NB/85/28-WSM-SX**

Vertical cartoning machine for small and medium carton sizes. The machine is equipped with rotating funnels to be coupled to scales, bag in box unit and space for manual introduction.

Production speed:  
 Rotating funnels up to 100 Cartons/1'  
 Bag in box up to 60 Cartons/1'



### **NB/85/46-D-DC2**

Vertical cartoning machine for small and medium carton sizes. The machine is equipped with volumetric doser and n. 2 auger fillers.

Production speed:  
 Volumetric doser up to 100 Cartons/1'  
 Auger fillers up to 80 Cartons/1'



### **NB/85/30-WSM-SX**

Vertical cartoning machine for small and medium carton sizes. The machine is equipped with rotating funnels to be coupled to scale, bag in box unit and space for manual introduction.

Production speed:  
 Rotating funnels up to 100 Cartons/1'  
 Bag in box up to 60 Cartons/1'





## FILLERS

Using the established technology of our volumetric dosers we have developed fillers suitable for filling jars of all shapes and sizes. Thanks to our distinctive system of catching and transport of the jars, we can even work with fully sleeved jars.

### NB/150/28-BR-D-SX

Vertical filler machine for small and medium jar sizes.  
Production speed up to 150 Jars/1'



### NB/60/20-BR-D-SX

Vertical filler machine for medium and big jar sizes.  
Production speed up to 60 Jars/1'



### NB/200/26-BR-D

Vertical filler machine for medium and small jar sizes.  
Production speed up to 200 Jars/1'



## CASE PACKERS

Range of semi-automatic case packers with case closure by tape or Hot-Melt.

The semi-automatic case packers are particularly suitable for low cases production as a single operator can manage simultaneously manual case and palletizing grouping.

### NB/C7 + NA33

Semi-automatic case packer with taping unit  
Production speed up to 6 Cases/1'



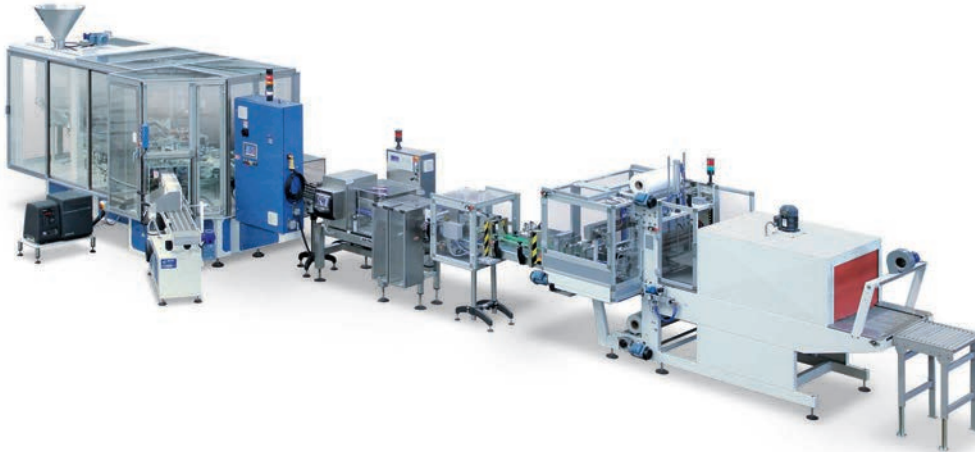
## **BAG IN BOX LINE**

Production  
60 Cartons/1'  
6 Cases/1'



## **LINEA FOR SALT**

Production  
150 Cartons/1'  
12 Packs/1'



## **PACKAGING LINES**

*Thanks to the consolidated support with our Italian partners we can provide complete packaging lines solutions integrating to our machines, shrink wrapping machines, Pick & Place case packers, palletizers and stretch wrapping machines.*

## **LINE FOR DETERGENT IN JARS AND BOTTLE**

Production  
200 Jars-Bottles/1'



## **FROZEN FOOD LINE**

Production 120 Cartons/1'  
10 Cases/1'







## HORIZONTAL CARTONING MACHINES

Concurrently with 60 years of activity and innovation, Betti SRL unveiled its first model of horizontal cartoning machine.

All the knowledge acquired on the vertical cartoners has been transferred with great success to the horizontal cartoning machine, making it a rugged, extremely reliable and user friendly machine thanks also to the brushless motors technology.



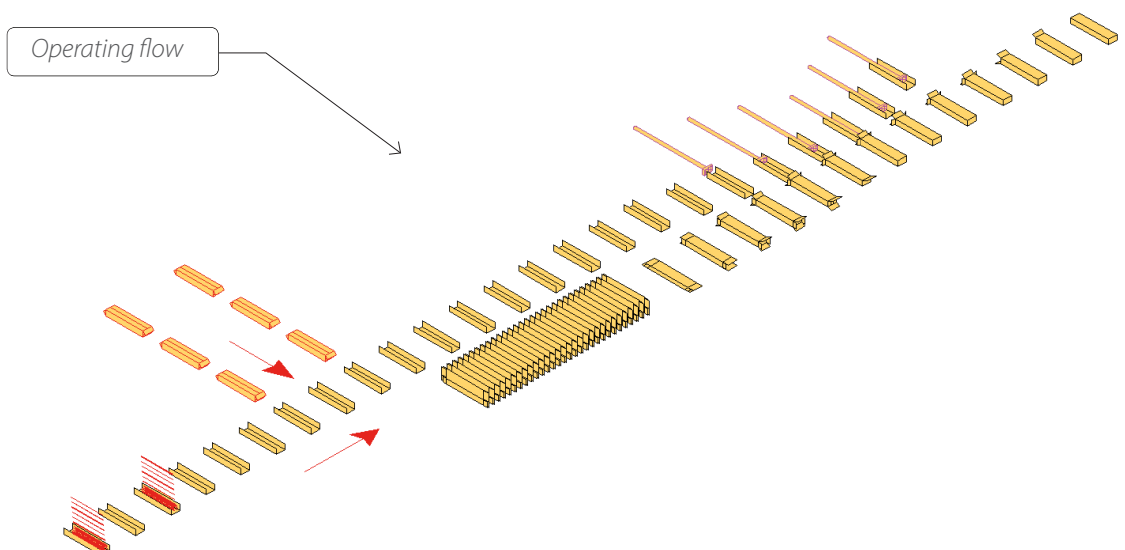
The MB/150 for long pasta was born after years of study and research of an innovative products. Wich combines performance, flexibility and low costs for its range. Built to run in continuous motion operation, coupled with two weighing dosers mechanically runs up to 100 cartons/1', while with three weighing dosers runs up to 150 cartons/1'.

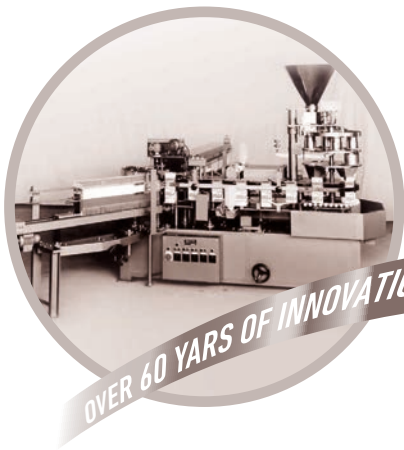
### Main technical features

- Unique model in electronic version in continuous motion (driven by Brushless motors).
- Horizontal blanks magazine with pick up and erection without using a double chains run.
- Rotating platform equipped with n. 4 rotating pick-up arms, cartons and drawers closure during product introduction managed by Brushless with auto positioning.
- Motorized automatic adjusting of the cartons transport and upper guides controlled by encoder and adjustable also when cartoning machine is in run.
- Opened transport drawers are closed only during product introduction in carton.
- On base machine it is possible to install two groups of bags automatic introduction with a production speed up to 100 cartons/1'.

### Flexibility features

- Fast size change at reduced costs.
- Good carton size range: min 60 x 30 x 200, max 120 x 60 x 290.
- Possibility to pack bulk and flowpacked product.





Betti factory was founded by Mr. Aurelio Betti in 1955 beginning with the manufacturing of vertical cartoning machines for the packaging of short pasta and salt in cartons.

**Today, after more than 60 years of activity,** thanks to experience developed in this field, our machines are reliable and respected throughout the world in several sectors, for all products which can be packed in cartons. Betti has now arrived at its third generation and it continues to carry on the family tradition in the packaging field (cartoning machines and case packer machines). The ever more consolidated stability of our factory allows to our customers to buy our machines with confidence and with the security of being assisted during the time.

**Quality and reliability: we have thousands of our machines working throughout the world!**

In this general brochure we present a few of the cartoning machines and case packer machines models most representative of our construction. The range of our vertical cartoning machines starts from models for cartons packaging with a standard range from a minimum of mm 60 x 30 x 120H up to a maximum of mm 350 x 150 x 400H. Our machines are normally continuous motion, continuous and intermittent motion or only intermittent motion and allow a high flexibility to be adapted to different customer's needs. Minimum production can be from just a few cartons per minute for some models, to reaching a maximum production of 320 cartons per minute for the fastest models. Our range of machines allows the use of several feeding systems for cartons, jars, tubs, etc. of several dimensions and shapes. Also for product feeding, our machines have a high flexibility, as they can be coupled to several feeding systems such as:

**Product feeding systems made by us**

- Cups volumetric dosers
- Auger volumetric dosers
- Gravity weight doser
- Filling systems for single or multiple bags
- Carton filling systems for bottles and tubes, etc..

**Product feeding systems which are not made by us**

- Multi-head electronic weighers
- Multi-head weight dosers
- Electronic pieces counters
- Pump volumetric dosers for dense products

- Cup elevators
- Auger elevators.

With vertical cartoning machines "combined" with two or more product feeding systems being ever more requested, Betti has invested much time and resources to improve the quality and the flexibility in this specific field.

**With Betti flexibility becomes integration.**

The company organization, the technical knowledge derived from experience, in-depth studies and continued research in the field of technology allows us to follow all the projects, even complex, in relatively short timeframes. The modular construction of the machines allows us to integrate several elements among them and as a result the machine is custom made for each individual customer with very competitive prices. Furthermore Betti has a consolidated experience for the design and supplying of complete lines thanks to commercial agreements developed over time with reliable manufacturers .



**Hello Betti...  
Our factory is always open!**

*Our factory does not close during the summer or winter holidays. Holidays are planned in agreement with our technicians in order to always have the correct personnel available to give technical support to the customer, both by telephone and both through technical interventions in customers' factories. Furthermore, internally Betti has a large spare parts stock in order to be able to supply constructive and commercial spare parts.*

**Dispatching of spare parts are made normally within 24 hours from customer order.**



# PACKAGING MACHINERY



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**YOU MAKE IT, WE SHAPE IT**

Local service in Melbourne, Sydney, Adelaide