60 YEARS OF INNOVATION (1955-2015)

VERTICAL CARTONING MACHINES
HORIZONTAL CARTONING MACHINES
CASE PACKERS
FILLERS
COMPLETE SOLUTIONS

BETTI

www.bettimacchine.it

View on a part of products packed by Betti machines.

DAC
LG
DETERGENTE ECOLÓGICO
Top Terra
ECOLÓGICO
BOSQUE TROPICAL
2000g
OMO
POWER FOAM
NUOVA FORMULA
Dash
più bianco non si può
bofrost
PIZZETTE MIGNON
TATE & LYLE
DEMERARA
W5
SPEZIAL SALZ
DISHWASHER SALT | SEL REGENERANT
Racumin
ESCAPRONTA
topicida-ratticida
Malongo
Nestlé
ORZORO
Vernel
Cristalli
Barilla
FARFALLE
Lindt
LINDOR
SOSALT
MEERSALZ
Jodiert
ORGANIC
SPAGHETTI

VOLUMETRIC DOSER

Thanks to the continuous research and development of new materials, the volumetric doser that equip Betti machines guarantee excellent weight tolerances at high, medium and low production speed. The innovative friendly design and easy accessibility make such doser extremely reliable and easy to clean. Standardly all the dosing units are equipped with direct control of the product volume from the Touch screen, with also the ability to control and automatically adjust the product volume directly from the check weigher (Feed-Back system).

NB/50/14-D

Vertical cartooning machine for small, medium and big carton sizes.
Production speed up to 50 Cartons/1'

NB/70/20-D

Vertical cartooning machine for small, medium and big carton sizes.
Production speed up to 75 Cartons/1'

NB/150/28-D

Vertical cartooning machine for small and medium carton sizes.
Production speed up to 130 Cartons/1'

NB/150/SP/32-D-SX

Vertical cartooning machine for medium and big carton sizes.
Production speed up to 150 Cartons/1'

NB/250/52-D10

Vertical cartooning machine for small carton sizes.
Production speed up to 350 Cartons/1'

NB/85/22-W2

Vertical cartooning machine for small, medium and big carton sizes.
Production speed up to 50 Cartons/1'

NB/150/30-W

Vertical cartooning machine for small and medium carton sizes.
Production speed up to 150 Cartons/1'

NB/60/SP/22-W

Vertical cartooning machine for small, medium and big carton sizes.
Production speed up to 100 Cartons/1'

NB/50/18-W

Vertical cartooning machine for small, medium and big carton sizes.
Production speed up to 50 Cartons/1'

NB/150/L/34-W-SX

Vertical cartooning 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 machines, it allow us to integrate with any weighing system currently available on the international market. Betti machines can be integrated or combined (also directly at the customer's site) multi-head scales, scales, gravity and linear scales as well as various systems of counting.

BAG IN BOX

The "bag in box" vertical systems that are mounted on Betti machines offer the possibility to introduce bags of each 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 others. Our range of "bag in box" systems includes the possibility to introduce, even at high production speeds, groups of mono-dose bags into the carton. The great flexibility of our machines allows the integration of different "bag in box" systems in a single vertical cartooning machine.

NB/85/22-S

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

NB/85/42-S2-SC-M

Vertical cartooning 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 cartooning machine for small and medium carton sizes indicated for the introduction of mono-dose bags. Production speed up to 100 Cartons/1'

NB/85/34-SDC

Vertical cartooning machine for small, medium and big 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'

NB/85/28-WSM-SX

Vertical cartooning machine for small and medium carton sizes.
The machine is equipped with rotating hoppers to be couple to scale, bag in box unit and space for manual introduction.
Production speed:
Rotating hoppers up to 100 Cartons/1'
Bag in box up to 60 Cartons/1'

NB/85/46-D-DC2

Vertical cartooning 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 cartooning machine for small and medium carton sizes.
The machine is equipped with rotating hoppers to be couple to scale, bag in box unit and space for manual introduction.
Production speed:
Rotating hoppers up to 100 Cartons/1'
Bag in box up to 60 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.

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 the jars cans we can work even jars entirety slivered.

NB/200/26-BR-D-SX

Vertical filler machine for small and medium jars sizes.
Production speed up to 180 Jars/1'

NB/60/20-BR-D-SX

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

CASE PACKERS

Range of automatic and semi-automatic case packers with tape or Hot-melt closure of the case flaps.
The semi-automatic case packer is 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'

NB/I/10-C

Automatic case packer with Hot-melt case closing.
Production speed up to 12 Cases/1'

NB/130/28-D

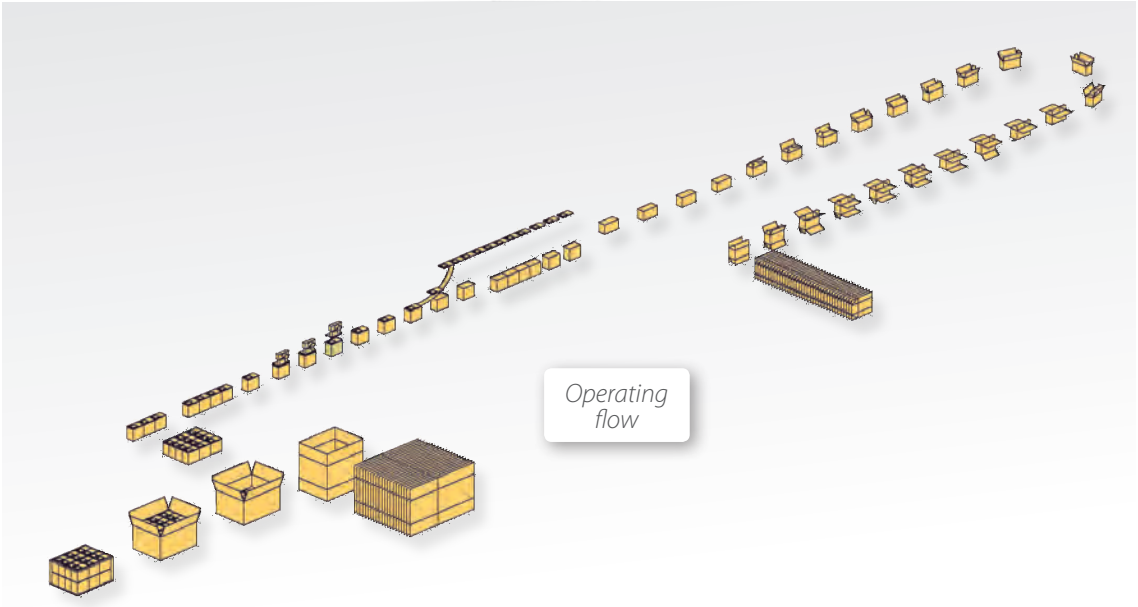
Vertical cartooning machine for small and medium carton sizes. Production speed up to 120 Cartons/1'

NB/100/36-DPR

Vertical cartooning machine for the automatic application of plastic dispenser. Production speed up to 120 Cartons/1'

NB/100/36-DPR

Automatic Pick & Place case packer with tape sealing of the cases. Production speed up to 10 Cases/1'



Operating flow

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 or automatic case packers, palletizers and stretch wrapping machines. In this page, as an example, we show a line built completely in stainless steel and anodized aluminum dedicated for frozen products, composed by vertical cartoning machine with volumetric dosing unit, system for the application of plastic dispenser on the carton and automatic Pick & Place case packer.

MB/150/76-SPO-S2

HORIZONTAL CARTOONING MACHINES

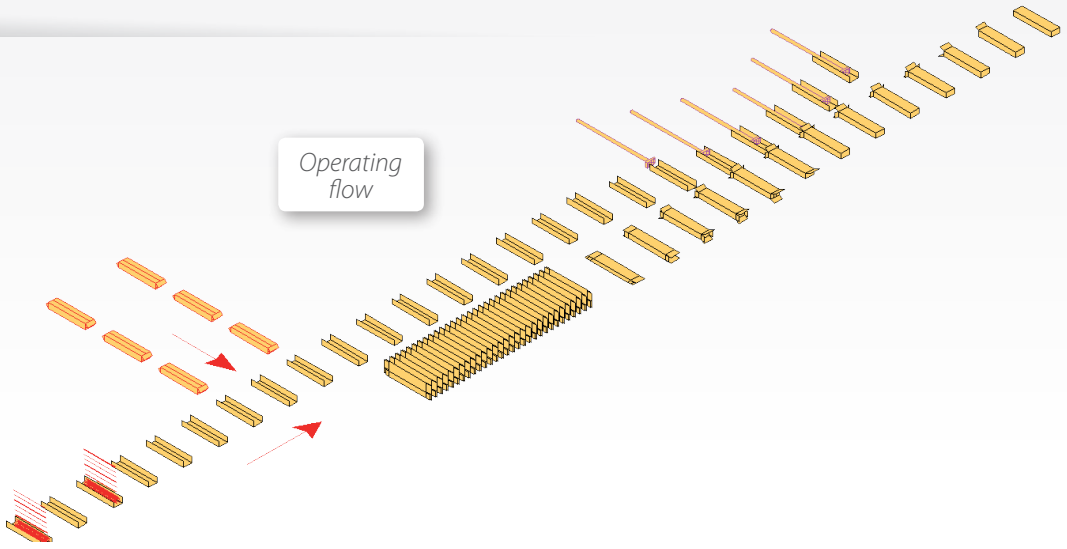
Concurrently with 60 years of activity and innovation, Betti SRL unveiled its first model of horizontal cartooning machine. All the knowledge acquired on the vertical cartoners it's been transferred with great success on the horizontally cartooning machine, making it a rugged, extremely reliable and friendly use machine thanks also to the brushless technology.

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

Main technical features
- Unique model in electronic version in continuous motion (driven by Brushless motors).
- Horizontal blanks magazine with high storage capacity.
- Rotating platform equipped with n.4 pick-up arms, flaps closing and forming container (for pasta collection and introduction) independently driven by Brushless motors with auto positioning.
- Automatic adjusting of the transport main chain and containing guides.

Flexibility features
- Possibility to equip the machine with one or two bag in box units, with a production speed up to 100 cartons/1'
- Possibility to pack bulk and flowpack product into the cartons on the same machine.
- Good carton size range: min 60 x 30 x 200, max 120 x 60 x 290.

Advantages and key points
- Fast change over.
- Low cost of maintenance.
- Two in one machine.
- High production speed.
- Extremely reliable.
- Latest technology applied.



60 YEARS OF INNOVATION (1955-2015)

Betti was founded by Mr. Aurelio Betti in 1955 beginning with the manufacture 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 our customers to buy our machines with confidence and with the security of being assisted over 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 machine models most representative of our construction. The range of our vertical cartoning machines starts from models for carton 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 with continuous advancing, continue and alternate or only alternate and allow a high flexibility to be adapted to different customers' 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, tubs, jars, 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 weigh doser
- Filling systems for single or multiple bags
- Carton filling systems for bottles and jars, etc.

Product feeding systems which are not made by us

- Multi-head electronic weighers
- Multi-head weight dosers
- Electronic piece 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. Our production range is completed with some model of end of line case packers with a production speed from 5 up to 20 cases per minute and an input in capacity of up to 300 cartons per minute.

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 supply of complete lines thanks to commercial agreements developed over time with reliable manufacturers of dosing systems with multi-head weighers, counters, pumps, and at the end of line with shrink wrapping machines, palletisers, stretch wrappers, etc.

"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 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.

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BETTI s.r.l.
Via Malpighi 30 48018 Faenza (RA) Italy
Tel. +39 0546 622303
Fax +39 0546 622262
Codice fiscale, N. Registro Imprese Ravenna e Partita Iva:
IT02082170396
R.E.A. 169716

www.bettimacchine.it

PACKAGING MACHINERY

Contatti e-mail: bettimacchine@bettimacchine.it
Assistenza & Ricambi: bettimacchine@bettimacchine.it
Vendite Italia: info@bettimacchine.it
Vendite estero: matteo.betti@bettimacchine.it
oscar.valmori@bettimacchine.it
Amministrazione: amministrazione@bettimacchine.it

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