

# Filling and Capping Machines

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Rotary  
Doypack Machines



Static  
Doypack Machines

Coffee and Sweets  
Doypack Machines

# Machine Series: AP-1BT/-XL

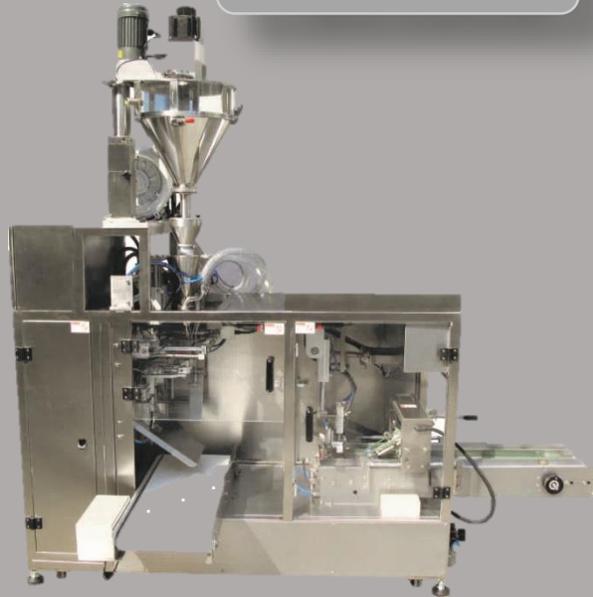
Static Filling and Capping Machine



**Production Speed:  
Up to 12 pcs/min**

Machine information:

- Stainless steel version for the food industry
- Application for powders, grains, liquids, paste / dough
- Sectors: Pet food, cosmetics (soap, shower gel,) food (coffee, nuts)
- Simple touch screen control via colour symbols (5.7" display)
- Bag closing system for finished stand-up pouches with and without pressure closure



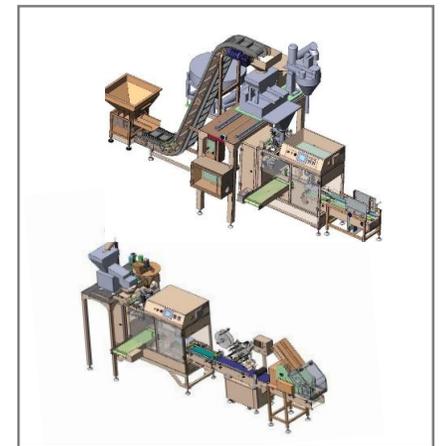
Product Samples:



Applicable bag types:

On our AP-1BT machines the following bag types can be used:

- Prefabricated stand-up pouches
- Flat bag
- Pouch with spout
- Pressure seal bag
- Slider bag
- Side gusseted bags



Model	Bag Width	Bag Length	Max. Filling Weight	Production Speed
-1BT	Min. 100mm* Max. 250mm*	Min. 150mm* Max. 300mm*	Depending on bag formats and dosing systems	Up to 12 pcs/min**
-1BT-XL	Min. 200mm* Max. 320mm*	Min. 200mm* Max. 450mm*	Depending on bag formats and dosing systems	Up to 12 pcs/min**

# Machine Series: AP-8BT / -XL

Rotating Filling and Capping Machines



Production Speed:  
Up to 80 pcs/min



Product Samples:



## Applicable products:

The AP-8BT series reliably packages:

- Pet food
- cosmetics (shower gel, soap)
- Food (e.g. muesli or dried fruit)
- Small parts

## Machine information:

- Quick format change of the bags
- integrable additional modules (gas flushing, weighing systems, double sealing)
- Touch panel control, with storable programs
- central gripper adjustment with One Touch technology
- customer-specific special construction - for special widths or special feeding systems

Model	Bag Width	Bag Length	Max. Filling Weight	Production Speed
AP-8BT	Min. 100mm* Max. 240mm*	Min. 150mm* Max. 300mm*	Depending on bag formats and dosing systems	Up to 40 pcs/min**
AP-8BT-XL	Min. 150mm* Max. 300mm*	Min. 200mm* Max. 450mm*	Depending on bag formats and dosing systems	Up to 40 pcs/min**
Ap-8BT Duplex	Min. 90mm* Max. 145mm*	Min. 150mm* Max. 300mm*	Depending on bag formats and dosing systems	Up to 80 pcs/min**

# Machine Series: AP-8BT / -XL

Rotating Filling and Capping Machines

## Overview

The horizontal filling and sealing machine, rotating around 8 stations, fills and seals Doypack stand-up pouches with cycle times of up to 80 pouches per minute. The compact design of the rotary machine is very space-saving and can be flexibly adjusted to different bag widths. The rotary AP series is the cost-effective alternative to complex linear filling machines without expensive set-up times. The stand-up pouches are conveyed via a pouch magazine and are filled and sealed rotating in 8 working stations.

Construction material:	Steel (Underframe)/Stainless Steel 304
Supply voltage:	400 V / 50Hz, 3-phases
Installed power:	3,8kW
Compressed air supply:	10bar / 500l per min.
Production Speed:	Depending on product, filling weight, product feed, bag sizes, dosing system

Safety standards:	CE-conformity, DIN norms
Noise level:	Under 80 decibels according to DIN 45635

Applicable bag types:	Prefabricated stand-up pouches, flat bags, spout, pressure seal bags, slider bags, gusseted bags, single-lip (depending on optional components)
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Film types:	OPP/ CPP, OPP/CE, PET, PE, laminated films, composite films
Applicable products:	General cargo (screws, nuts, etc.) bulk material (flour, nuts, etc.) Liquids (sauce, colours, etc.)



Station #1:	Bag pick-up Space for printing systems between #1 and #2
Station #2:	Pressure cap opener (optional)
Station #3:	Bag opener / air supply to inflate the bag
Station #4:	Check whether the bag is properly opened for the filling process (optional gassing)
Station #5:	1. Filling station – see dosing systems
Station #6:	Free station / 2nd filling station - see dosing systems
Station #7:	Heat-sealing jaws
Station #8:	Cold-sealing jaws / pouch outlet

# Machine Series: AP-2BT

Coffee and Sweets Filling and Capping Machine



**Production Speed:  
up to 15 pcs/min**

## Areas of application:

The coffee and sweets filling and capping machine reliably packages the following products:

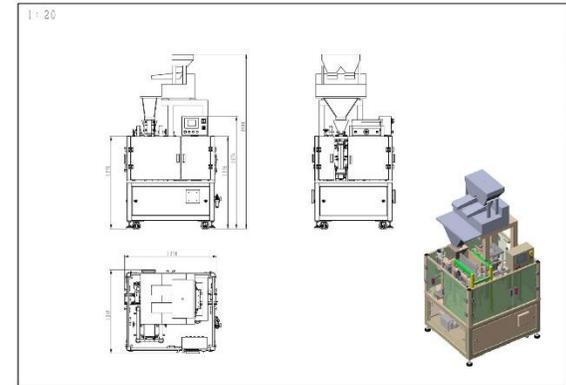
- coffee products
- Food (e.g. sweets, noodles or dried fruit)
- Pet food
- Cosmetics (shower gel / soap)

## Applicable bag types:



## Machine details:

- Integrated vertical bag feeding device
- Built-in vacuum pump to pick up and open the bag
- Built-in vibration holding device
- Panasonic PLC + Kinco 7" colour display
- Stainless steel construction



Model	Bag Width	Bag Length	Production Speed
AP-100G	Min. 100mm* Max. 200mm*	Min. 180mm* Max. 400mm*	8 to 15 bags / min (depending on the respective product)

# Machine Series: APHPM-210

Horizontal Filling and Capping Machine  
for Premade Pouches

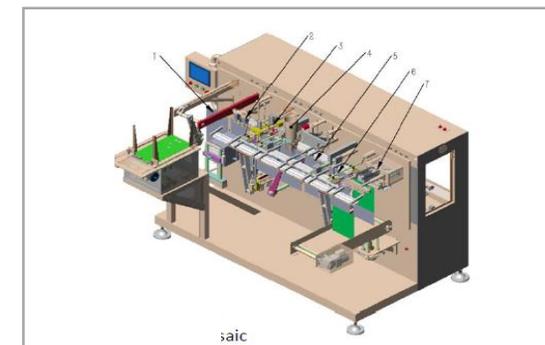
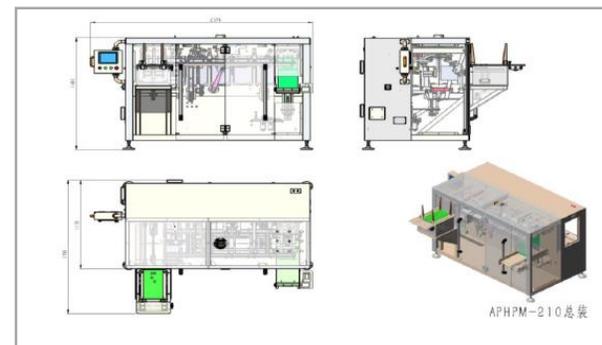


Machine Speed:  
Up to 60 pcs/min

## Machine information:

With our horizontal filling and capping machine APHPM-210 you are guaranteed to make the right choice! The APHPM-210 convinces with its simple operation and its clean and compact design. Our packaging machine seals prefabricated bags with high strength, so that your products are safely and securely packed for transport and trade. Our innovative technology ensures a high productivity of the filling and capping machine. It fills and closes up to 60 bags per minute. Our APHPM-210 can be used in almost any industry (e.g. food, medical, cosmetics and fine chemicals) and thus represents a huge simplification in your packaging process.

## Product Samples:



## Working Steps:

- A bag is gripped
- The pattern is added.
- The zip closure is opened.
- The bottom of the bag is opened.
- Two fillings take place.
- The bag opening is flattened.
- The bag is sealed.

Model	Bag Width	Bag Length	Speed	Bag Types	Bag Depth
APHPM-210	100-210 mm*	150-380 mm*	30-60 pcs/min**	Flat Bags, Stand-Up Pouches, Zipper Bags	40-80 mm*

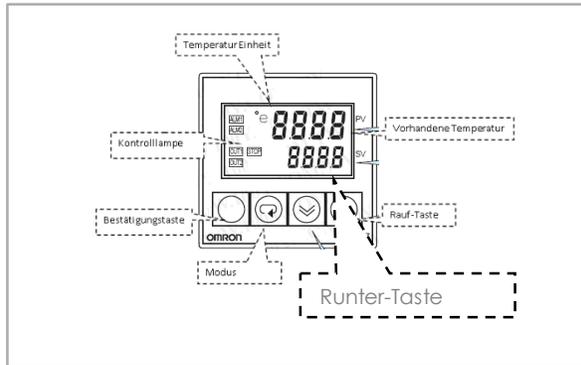
# Machine Components

## Filling and Capping Machines

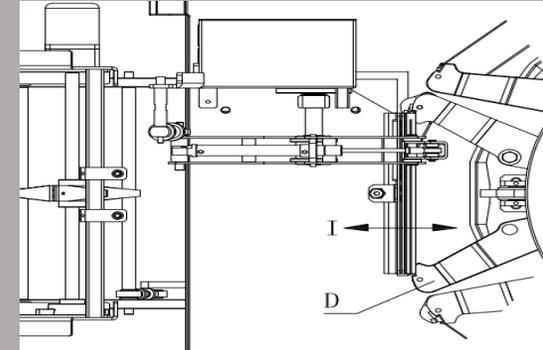
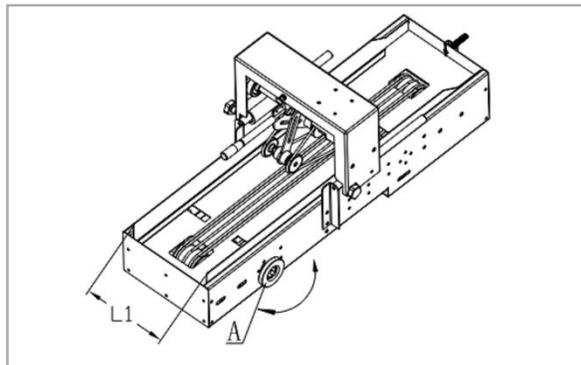
Touch-Screen



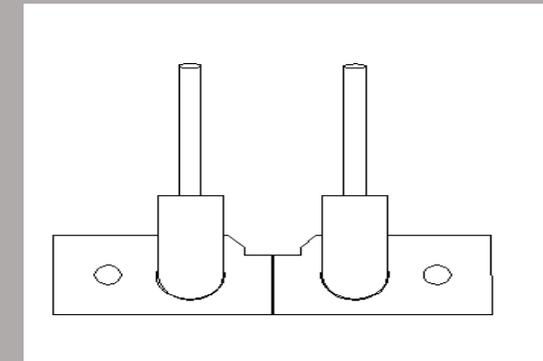
Temperature Control



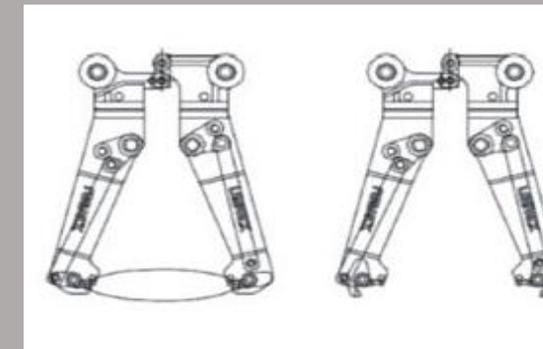
Bag Magazine



Bag Gripper - Infeed Belt



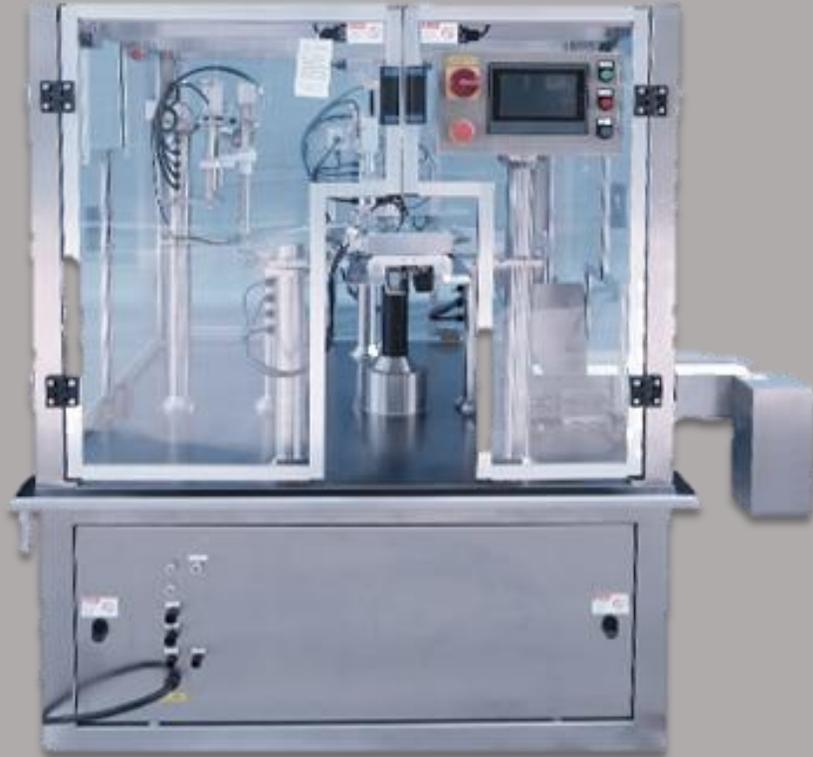
Sealing Jaw



Bag Gripper

# Machine Series: AP-12 BT

Rotary Multilane Doypackmaschine



**Output Quantity: Up to  
14,000 pcs/h**

## Machine information:

- Panasonic PLC
- 7" Kinco color touch screen
- Manual or automatic bag filling system
- Made entirely of stainless steel

## Machine Details:

The AP12BT is an automatic 12-station rotary machine for Doypack pouches with spout filling for liquids such as milk, yogurt, fruit juice, oil and spices, detergents, chemicals, etc.

The packaging process starts with the insertion of the bag, followed by positioning in the machine, coding, filling, sealing of the closure, cooling and finally the bag is released on an integrated discharge conveyor.

In order to achieve high productivity, it is possible to use 2 to 8 filling systems (speed up to 14.000 pieces/hour) and an automatic bag filling system, a digital printer, etc.

Model	AP-12 BT
Max. Filling Volume:	2000 ml
Bag Width (mm):	Max. 250
Bag Length (mm):	Max. 300
Max. Speed (per min):	20-40 pcs/min
Bag Format:	Center Spout
Air Pressure:	6 bar
Voltage:	380 V, 50 Hz, 3-phases

\* It is not possible to combine all maximum dimensions. \*\* The output quantities per minute are average values, depending on bottle type, thickness, product dimensions and machine handling.

# About alpha-pack GmbH

With decades of experience, the **family-owned manufacturing companies** of Alpha-Pack Group GmbH rank among the pioneers in the packaging industry - We live innovation and progress. Unique to the market, we offer system solutions for the integrated packaging process in our corporate group, including suitable consumables - **Everything from one single source without intermediate trade.**

Thanks to our **many years of experience**, we are experts in developing, producing and selling packaging machines. Since our foundation, we have been dedicating ourselves to the development and introduction of **advanced equipment and technologies..** Due to the expansion of our mature and international brand and distribution network, our packaging machines have so far been exported to **more than 50 countries and regions.**

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\* The output quantities per minute are average values, depending on film type and thickness, product dimensions and machine handling. It is not possible to combine all maximum dimensions. We reserve the right to make technical changes or changed output values exclusively.

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