

# PRODUCT CATALOGUE

## Filling and Capping Machines



Rotary  
Doypack Machines



Static  
Doypack Machines

Coffee and Sweets  
Doypack Machines

# Machine Series: AP-1BT/-XL

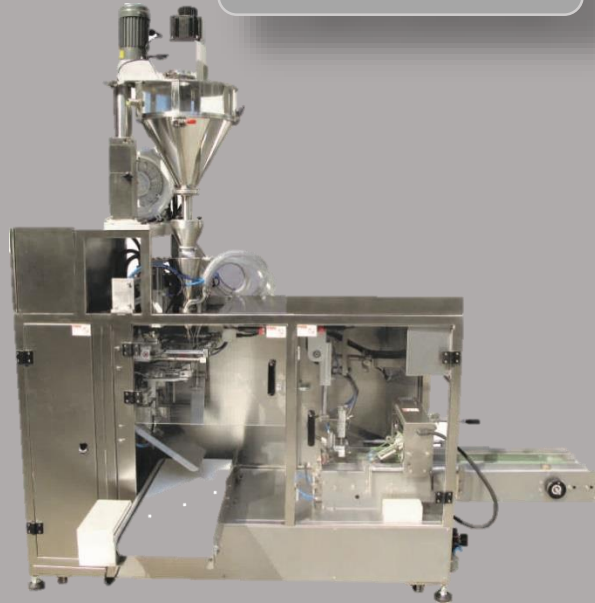
Static Filling and Capping Machine



**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



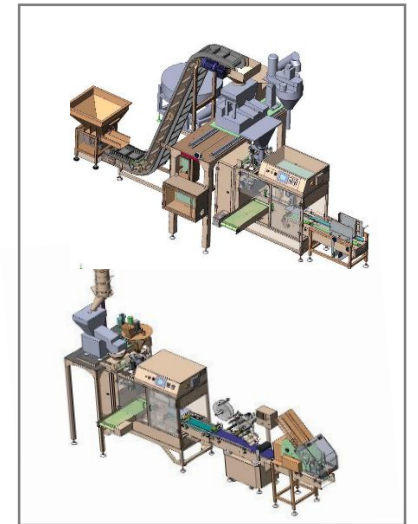
## Product Samples:



## 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
AP-1BT	Min. 100mm* Max. 250mm*	Min. 150mm* Max. 300mm*	Depending on bag formats and dosing systems	Up to 12 pcs/min**
AP-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:

AP-8BT / -XL



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

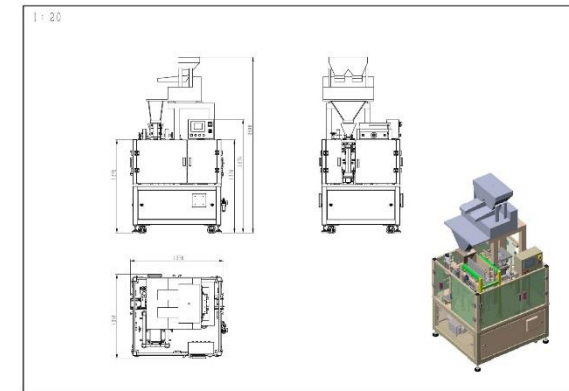
- coffee products
- Food (e.g. sweets, noodles or dried fruit)
- Pet food
- Cosmetics (shower gel / soap)

## 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-2BT	Min. 100mm* Max. 200mm*	Min. 180mm* Max. 400mm*	8 to 15 bags / min (depending on the respective product)

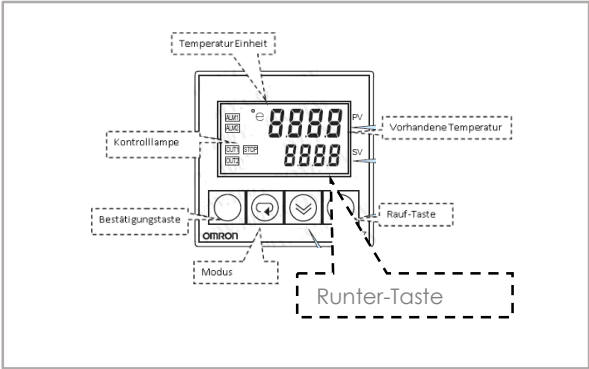
# Machine Components

Filling and Capping Machines

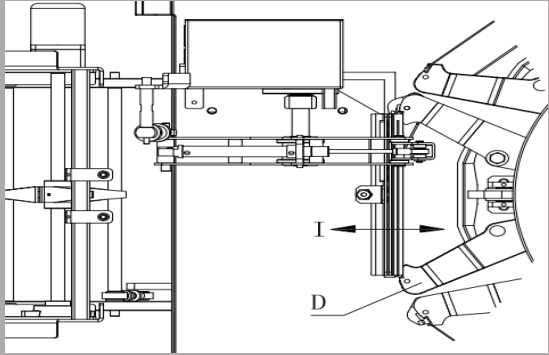
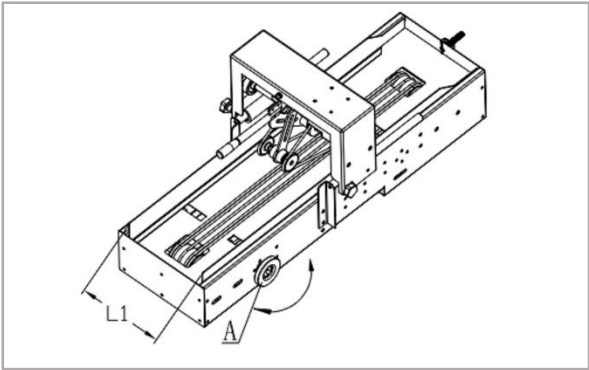
Touch-Screen



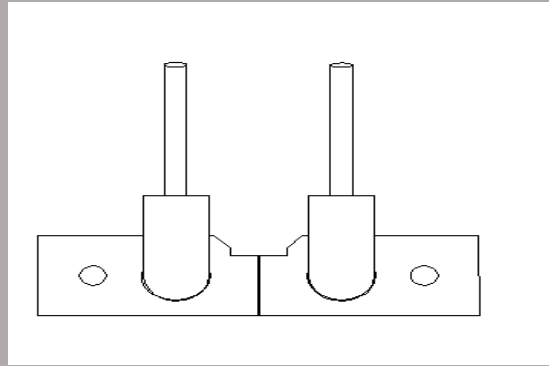
Temperature Control



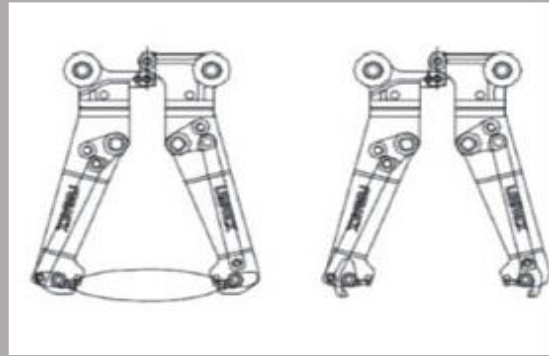
Bag Magazine



Bag Gripper - Infeed Belt



Sealing Jaw



Bag Gripper

# Dosing Systems:

## Filling and Capping Machines



Linear Scale  
(2 weighing heads, 4 weighing heads)



Rotating Collecting Plate

Multihead Weigher  
(10, 14 or 20 weighing heads)



Dosing Screws (various types)



Z-Conveyor Belt  
Incl. product hopper (150l volume)



Volume Dosing Unit incl. Product Hopper



# Peripherals:

Filling and Capping Machines



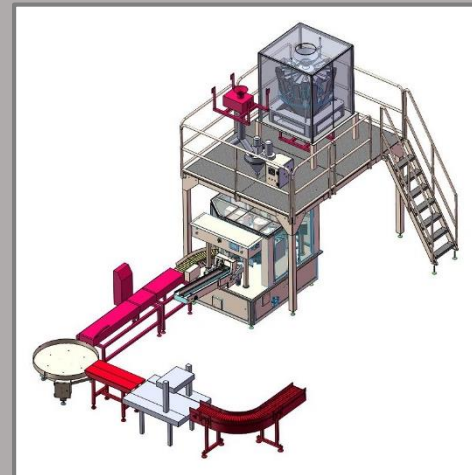
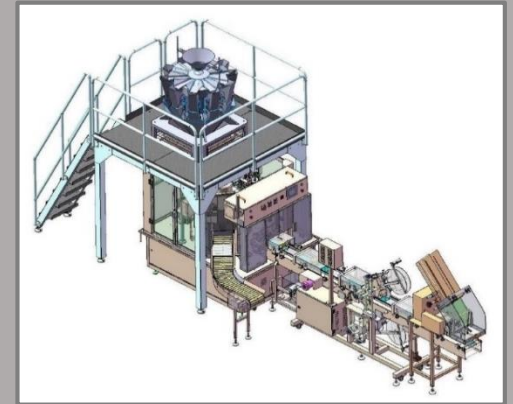
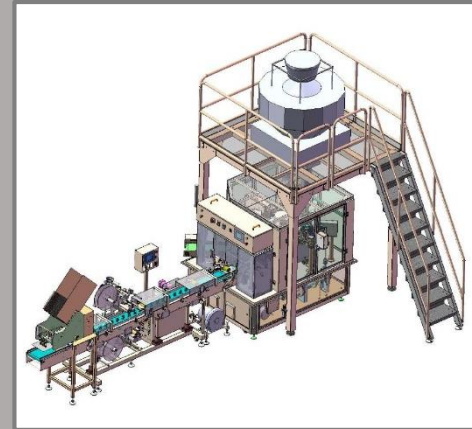
date printers, thermal transfer printers, inkjet printers



Automatic labelling machine for prefabricated and printed labels

# Reference Drawings:

(Completed Projects)





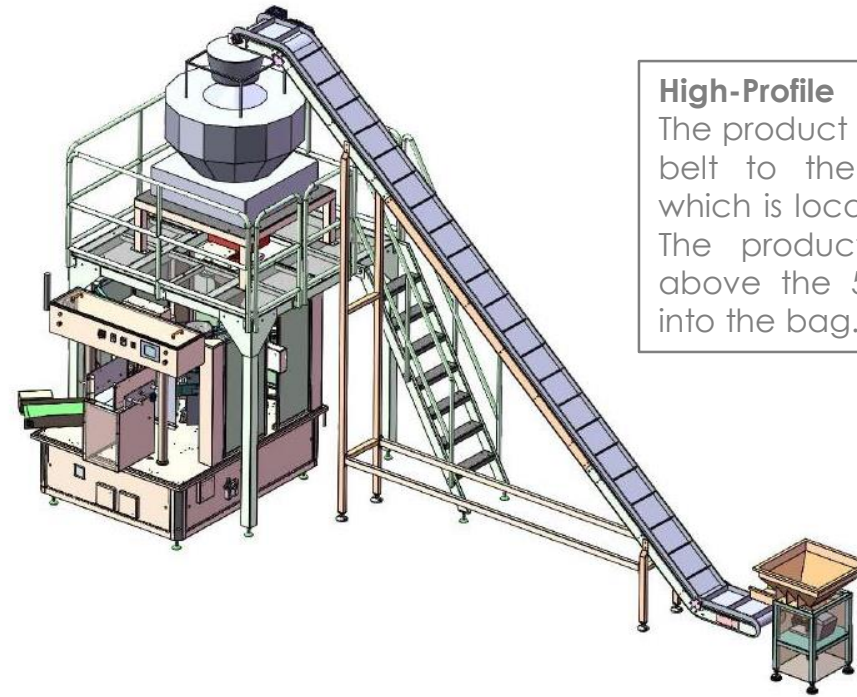
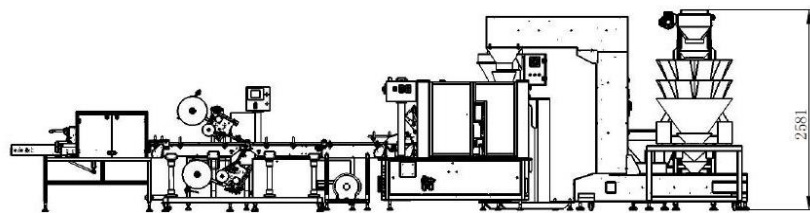
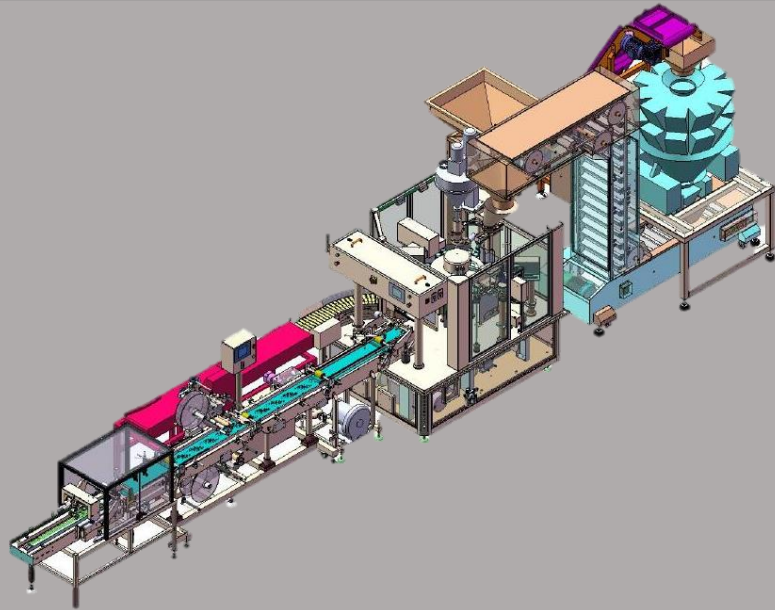
# Versions:

## Filling and Capping Machines

### Low-Profile

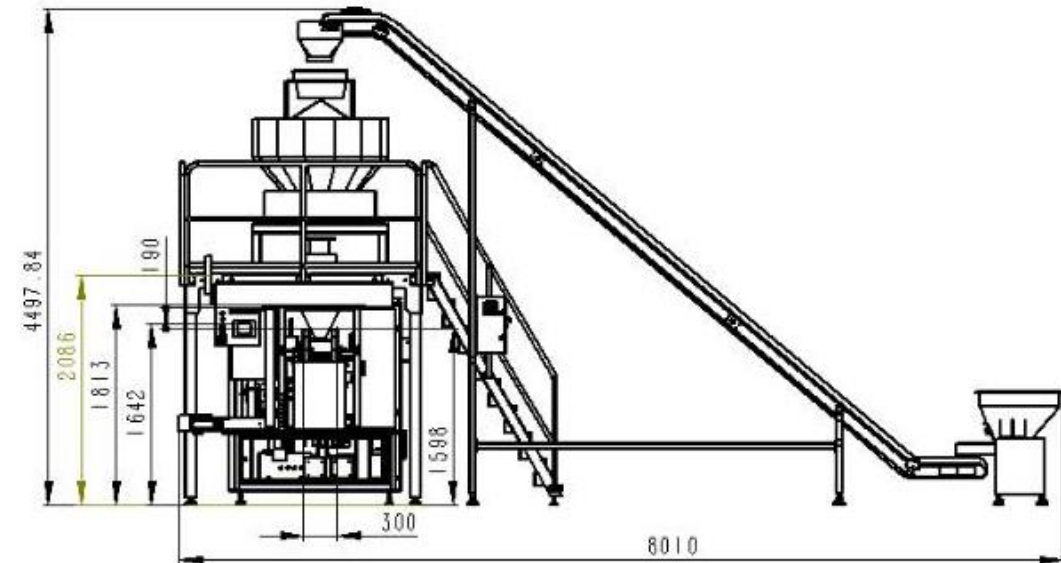
(for low ceiling heights)

The product is fed to the weighing system via an ascending belt. The product is weighed in individual cassette compartments of the Z infeed belt and cassette per cassette is transported with each rotation into the hopper of the 5th station of the AP-8BT and filled into the bag.



### High-Profile

The product is fed via an ascending belt to the dosing/scale system, which is located above the AP-8BT. The product is weighed directly above the 5th station and dosed into the bag.



# About alpha-pack GmbH

With decades of experience, the **family-run manufacturing companies** of the Alpha-Pack Group are among the pioneers of the packaging industry - we live innovation and progress. We, as the German location of the Alpha-Pack Group, have our company base in Erftstadt, where we have set up our warehouse, showroom and office building.

We are the only company on the market to offer system solutions for the entire packaging process, including the appropriate consumables, within our group of companies - **everything from a single source, without intermediate trade**. Thanks to our many years of experience in the market, we are now **experts in the development, production and marketing of packaging machines**. Through 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**.



For further questions about our packaging machines and services, please contact us at:

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alpha-pack GmbH – smart packaging solutions by manufacturers

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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, performance values exclusively.