



a coesia company

# FP PRO

FLOW PACKING TECHNOLOGY





## Company overview

ACMA, a Coesia company, is one of the leading manufacturers of packaging machines in the consumer goods market, with a large international share. ACMA designs and manufactures automatic packaging machines for a range of sectors, including:

- Confectionery (chocolate, bakery, bars, candies and gums)
- Detergents and Soaps (liquids and bars)
- Tea
- E-commerce

ACMA headquarter is located in Bologna (Italy), with production plants also located in the country.

ACMA ensures its customers and stakeholders with ISO 9001 Standard, and all products are designed to meet the **International standards for quality system** management, process control and continuous improvement.

ACMA leading expertise gained in **100 years of market presence**, and the synergies with COESIA, allow customers to rely on a business partner for **solutions with different levels of complexity**. From the complete design of new developments to line integration toward pre-installed equipment, ACMA can advise the best solution considering packaging design and features, product and service development, as well as overall TCO improvement.





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**1000+**  
MACHINES INSTALLED  
OVER LAST 10 YEARS



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**95%**  
OF ALL MACHINES  
ARE EXPORT



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**R&D 5+%**  
OF SALES





## Flow Packing

### Pack type



Pillow pack



Pillow pack  
with gussets



Slug

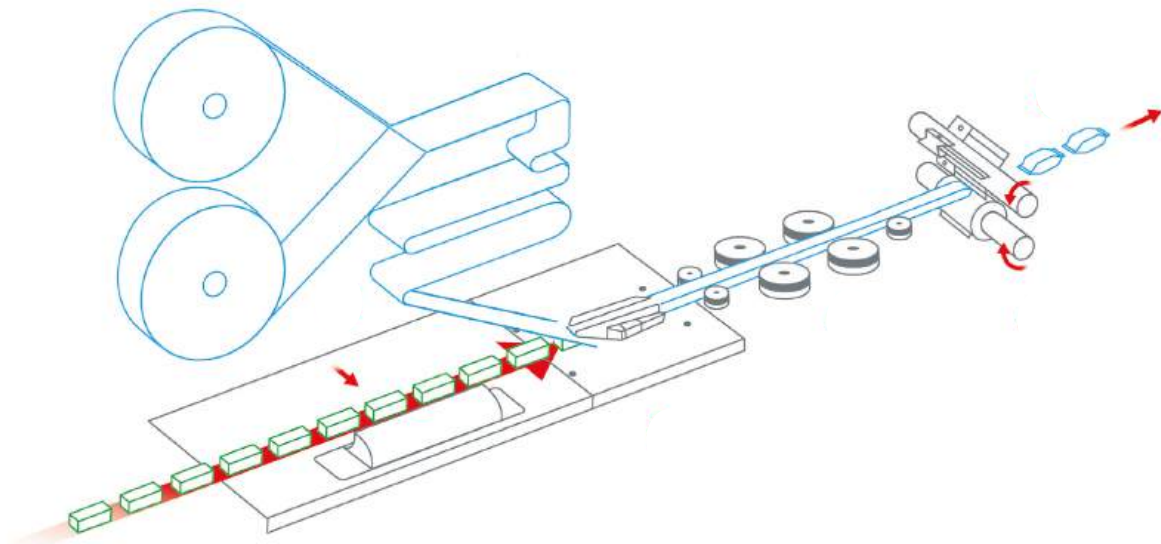


Slug  
with gussets

### Benefits

- Easy to integrate
- Easy cleaning thanks to cantilevered design and flat surfaces
- Product quality due to servo motor application
- Process efficiency thanks to rejection points before the forming tunnel
- Product quality due to servo motor application
- User friendly control panel for machine operation and troubleshooting

### Process flow





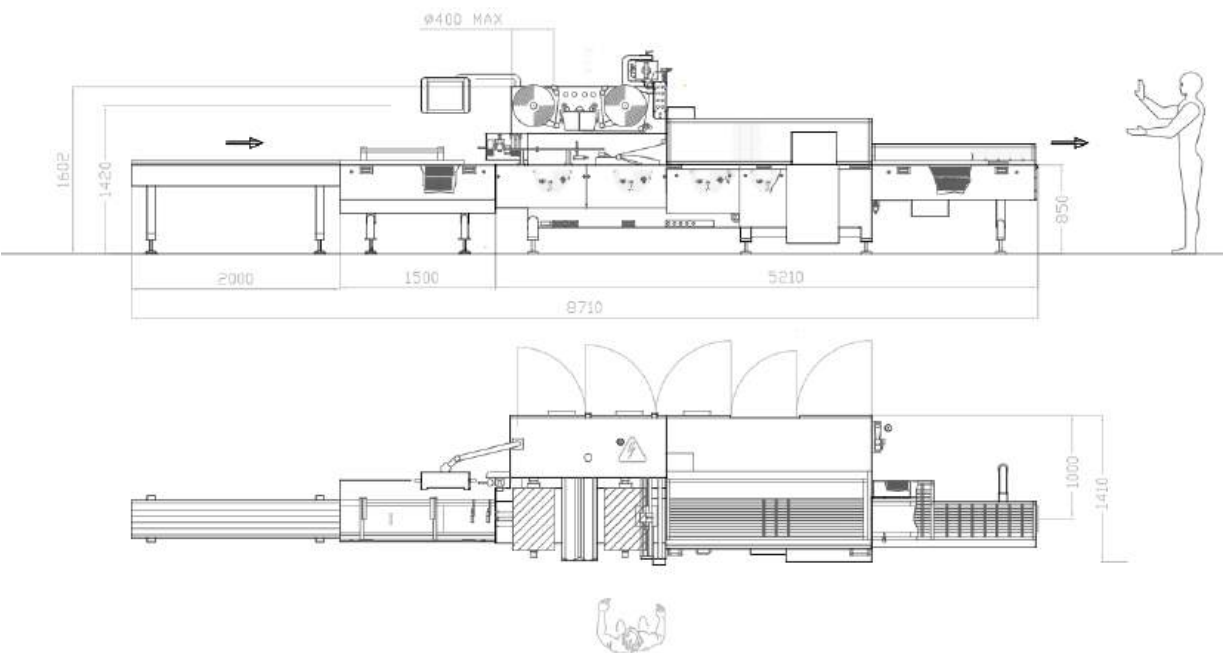
## Machine description

Continuous motion horizontal form-fill and seal machine to flowrap products (bakery, biscuits, bars, confectionery and soaps) with heatsealing and cold sealing material taken from reel.

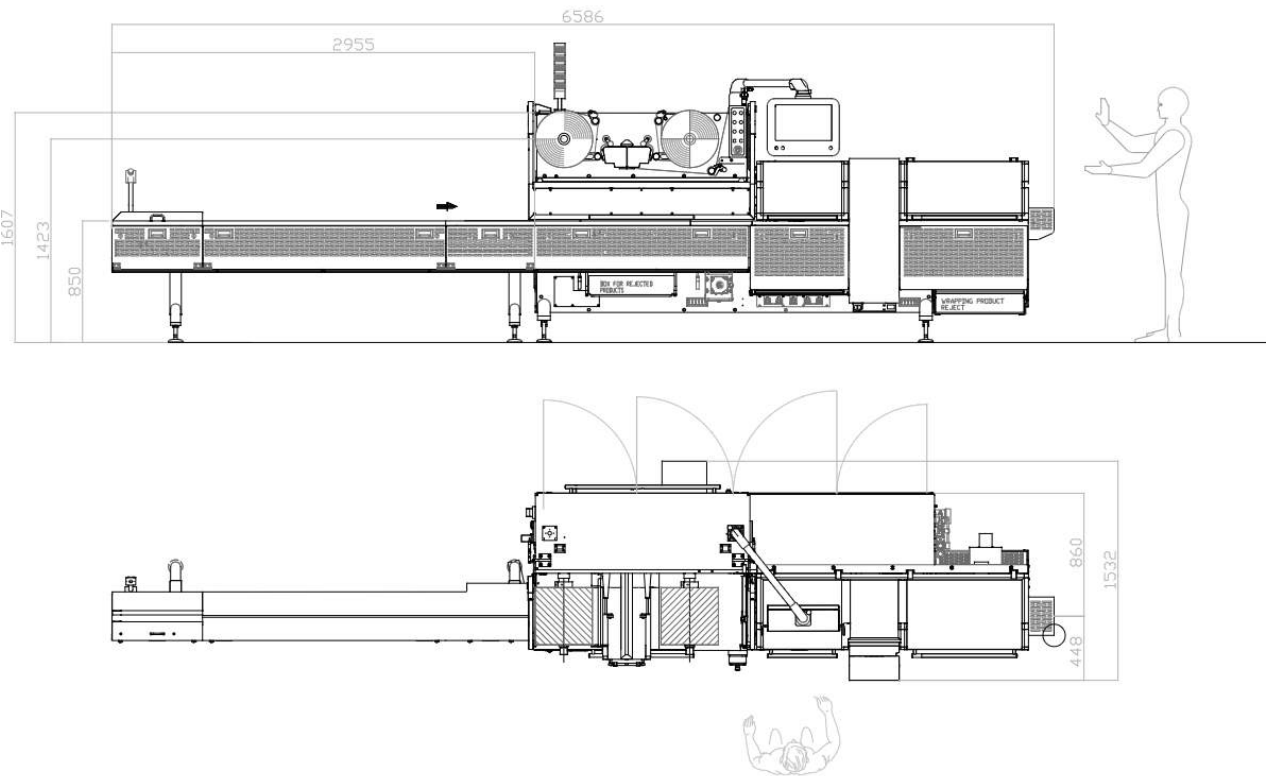
## Machine technical features

- Stainless steel product contact parts
- Cantilevered ergonomic main frame for easy cleaning
- 4 brushless servo-motors
- Double reel-holder up to 400 mm web width (optional 600 mm)
- Self centering film reel holder with pneumatic unlocking to maintain the reel in position when machine stops
- Servo driven film unwinder - Automatic splicer
- One fixed forming box with fast changeover
- Rotary crimper
- Longitudinal Film Sealing Unit composed of 4 sets of wheels
- 15,4" Touch Screen high-definition control panel
- Integrated electrical cabinet
- Schneider automation (Rockwel as option)

FP PRO BM Layout

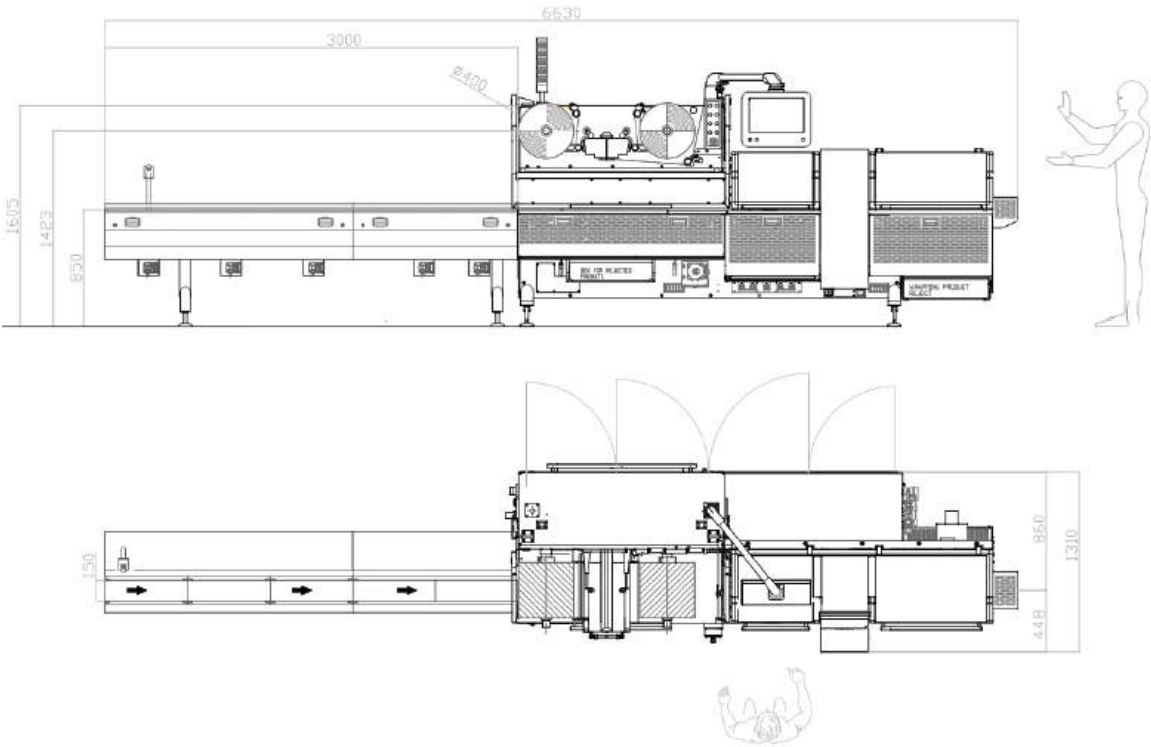


FP PRO Robot Layout

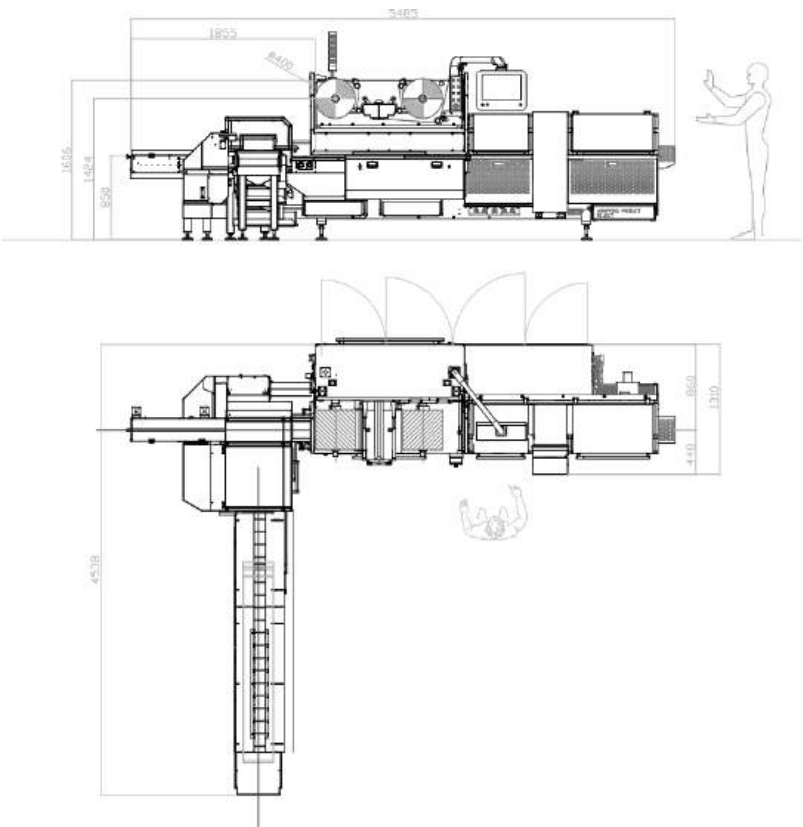




FP PRO DLCF Layout



FP PRO Slug Layout





## Technical data

### Max speed

60 m/min with heat seal or 100 m/min with cold seal

### Cross cut style

Linear, zig-zag, easy open

### Wrapping material

Polypropylene film (PP-OPP), foil lamination, paper/ polyethylene laminations (for multi-pack style)

### Reels technical data

Film width max. 400mm (option 600 mm),  
Max ext. diameter 400 mm, notch inner  
diameter 76 mm

### Machine technical features

- Installed power: 12 kW
- Compressed Air: 20 NI/1'
- Weight: 2000 kg

### Feeding systems

- Inline Gap Closing Module
- Inline Bar Turning Unit
- DLCF (Low contact Feeder for no suckable products)
- LCF (Low contact Feeder for suckable products)
- NCF (No Contact Feeder for not accumulable products)
- Slug System
- Chain Infeed
- Customized solutions



## Optionals

- Longdwell crimper specifically designed for high hermeticity needs
- Special cantilevered crimper for higher speed application
- Fully products detection and rejection system on infeed
- Product detection system for empty/double/spliced packages with rejection on exit belt
- Rotary gusseting unit (mechanic or pneumatic)
- Servo driven outfeed conveyor
- Count and cut function
- No product no bag function
- No gap no seal
- Gas Flushing unit
- No empty bags in outfeed with dedicated suction unit
- Flap closing unit (fold down device)
- Carton feeder unit
- Rockwell automation and HMI
- No gap no seal at high speed
- Rockwell automation and HMI
- Upper swirls to manage multiple products
- Coding unit with predisposition (Markem, Videojet, Domino and customized solutions)
- Automatic material centering to improve wrapping quality of longitudinal sealing products
- Automatic film detector at film reel end
- Double motorization of longitudinal fin wheels to improve packaging quality

## Product dimensions

		On flat	On edge
Size range	Lenght	15-300 mm	60-300 mm
	Width	15 - 150 mm	35-80 mm
	Height	5-80 mm	35-80 mm



## ACMA Customer Service: your partner for long-term performance and growth

At ACMA, customer service means proactive, ongoing support — worldwide. We go beyond spare parts and technical support offering a full-service approach. With a global footprint and a customer-first mindset, we're here to keep your operations running smoothly — today, tomorrow, and every day after.

## ACMA Connect: expert support anytime, anywhere

ACMA Connect keeps you in touch with ACMA for troubleshooting, ensuring fast diagnostics and expert support. With our remote access guaranteed by a secure connection, we prevent downtime, reduce waste and minimize travel and maintenance expenses.

When remote troubleshooting isn't enough, our experienced technicians will promptly visit your site to resolve the issue.



Prompt Assistance



Waste Reduction



Cost Reduction



## ACMA Cares Programme: get the most out of every single asset

With ACMA Cares Programme, we future-proof your machine by optimizing production and minimizing downtime, ensuring maximum efficiency throughout its entire life cycle. We offer:

- Spare parts to maintain original service levels
- Size part solutions for rapid changeovers
- Electrical upgrades keeping machines operating at peak efficiency
- Modernization kits to upgrade overall machine capabilities



Product Quality



Safety & Compliance Updates



Ease of Use & Maintenance



Sustainability



Performance & TCO



Flexibility



## Training Programs: empower your team for peak performance

Boost your team's skills and confidence with ACMA's modular training programs to help maximize machine performance and to reduce downtime. Each training program features:

- Tailored knowledge assessment
- Customized to meet your team's specific needs
- Practical learn-by-doing training method for your technicians, based on ACMA 100 years of experience in producing packaging machines



Enhanced  
Efficiency



Improved  
Work Quality



Cost  
Reduction

## Service Agreements: building value, one piece at a time

ACMA Connect, ACMA Cares Programme, our Training Program and much more all in-one-offer, customized to give all the advantage of all the ACMA Customer Service technologies.

ACMA Service Agreements are especially designed for you, tailor-made on your needs.



All-in-One  
Service



Customized  
Plans



Improved  
Machine  
Performance



Cost  
Reduction



# Coesia Group in the world

coesia



COESIA is a group of innovation-based industrial and packaging solutions companies operating globally, headquartered in Bologna, Italy.

Coesia's companies are leaders in the sectors of:

- **Advanced automated machinery**
- **Industrial process solutions**
- **High-performance transmissions**

Coesia's customers are leading players in a broad range of industries, including Consumer Goods, Tobacco, Healthcare, Aerospace, Racing & Automotive and Electronics.

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