

## 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.

**ACMA S.p.a.**  
via Cristoforo Colombo, 1  
40131 Bologna  
T (+39) 051 6349111  
info@acma.it



# FP EDGE

FLOW PACKING TECHNOLOGY



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





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



**95%**  
OF ALL MACHINES  
ARE EXPORT



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

### 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.







## Flow Packing

### Pack type



Pillow pack



Pillow pack  
paper-based

### Benefits

- Future proof hybrid solution with possibility to switch from plastic based material to paper based material
- Ergonomic reel changover with self centering holders with pneumatic blocking
- Product quality due to servo motor application
- Material consumption efficiency thanks to process quality and rejection points before the forming tunnel
- Usability thanks to a user friendly control panel for machine operation and troubleshooting
- Compliance with the highest safety and quality standards



FP EDGE

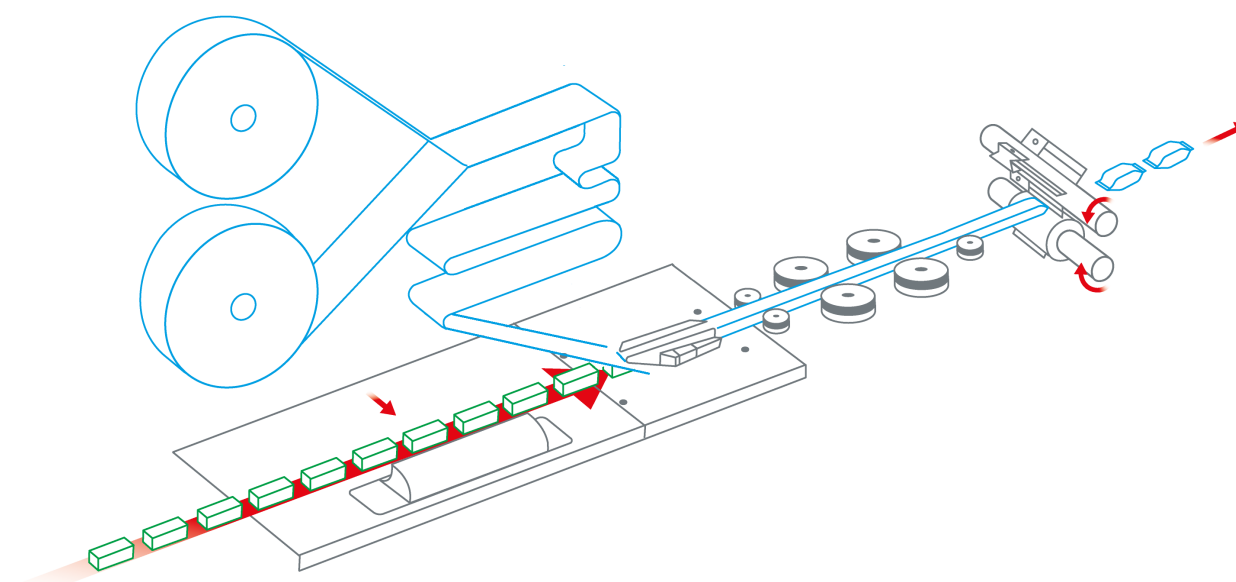
### Machine description

High speed continuous motion horizontal form-fill and seal machine to flow wrap products with cold sealing material taken from reel at a film speed up to 150 m/min. Ready to manage paper based materials.

### Machine technical features

- Stainless steel product contact parts
- Ergonomic double reel-holder to manage up to 250 mm web width
- Pneumatic system to control wrapping material unwinding
- Self Centering film reel holder with pneumatic locking
- Automatic splicer and print registration with photocell
- Hinged fin seal plate for easy inspection and cleaning
- High-speed cantilevered crimper
- Easy change over/replacement of rotary cross crimpers masses
- Product timing detection/rejection system
- Servo driven outfeed conveyor 1000 mm long with automatic rejection of empty/double/spliced bags
- 15,4" Touch Screen high-definition control panel
- Schneider automation (Rockwel as option) with integrated electrical cabinet

### Process flow







Technical data

**Max speed**  
150 m/min with cold seal

**Max speed with paper-based materials**  
150 m/min with cold seal

**Main Technical data**  
Film width Max. 250 mm, Max ext. diameter  
400 mm, notch inner diameter 76 mm

**Wrapping material**  
Polypropylene film (PP-OPP), foil  
lamination, paper/ polyethylene  
laminations, paper based material up to  
95% of paper

- Inline Gap Closing Module
- Inline Gap Closing Module

**Machine technical features**

- Installed power: 15 kW
- Compressed Air: 100 NL/1'
- Weight: 2500 kg

**Feeding systems with servo motors**

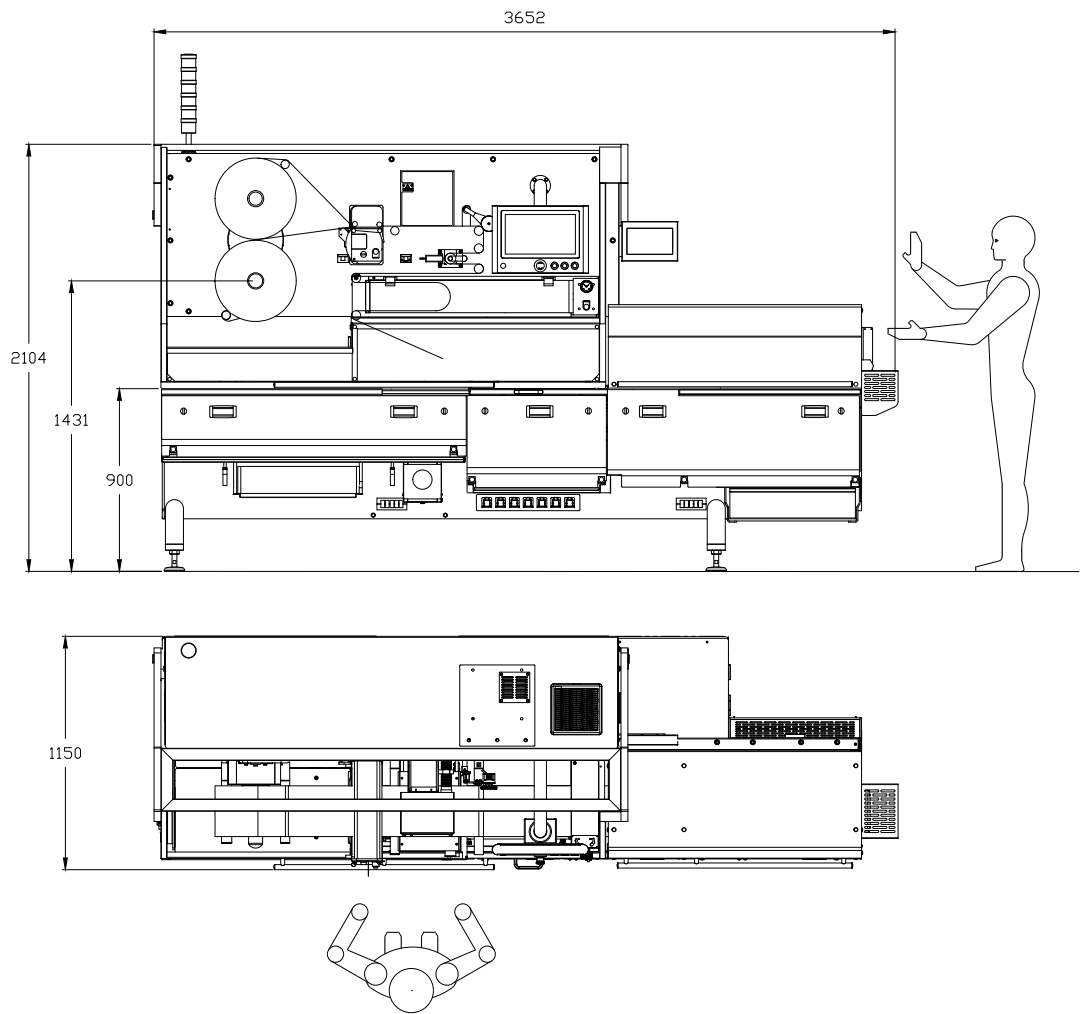
- Inline Gap Closing Module
- Inline Bar Turning Unit
- DLCF (Low contact Feeder for no suckable products)
- LCF (Low contact Feeder for suckable products)
- INCF (No Contact Feeder for not accumulable products)
- Customized solutions

Optionals

- PAPER KIT to manage paper based material
- Coding unit with predisposition (Markem, Videojet, Domino and customized solutions)
- Cooled plates
- No product no bag at high speed
- No gap no seal at high speed
- Rockwell automation and HMI
- Double motorization of longitudinal fin wheels to improve packaging quality

Product dimensions

Product dimensions (Flat based)		
Size Range	Lenght	15-210 mm
	Width	15-110 mm
	Height	5-25 mm







## Flow Packing

### Pack type



Pillow pack  
paper-based

### Benefits

- Turnkey solution from distribution to horizontal flow packing machine with modular design, ensuring continuous production
- Easy and efficient control of the complete line thanks to a comprehensive integrated software
- High performance, due to production capacity, up to 1000 ppm
- Reduced downtime: simplified maintenance and minimized format changeover times
- User-friendly interface: Intuitive control panels for simplified operation
- Compliance with standards: Meets the highest safety and quality standards in the food industry



### FP EDGE with PAPER KIT

*Smart line application*

### Line description

Flow packing smart line for bars, designed for sustainable paper-based materials, featuring a high-efficiency row distribution system and achieving production speeds up to 1.000 bars per minute, powered by the new FP EDGE flowpack machine with proactive process optimization..

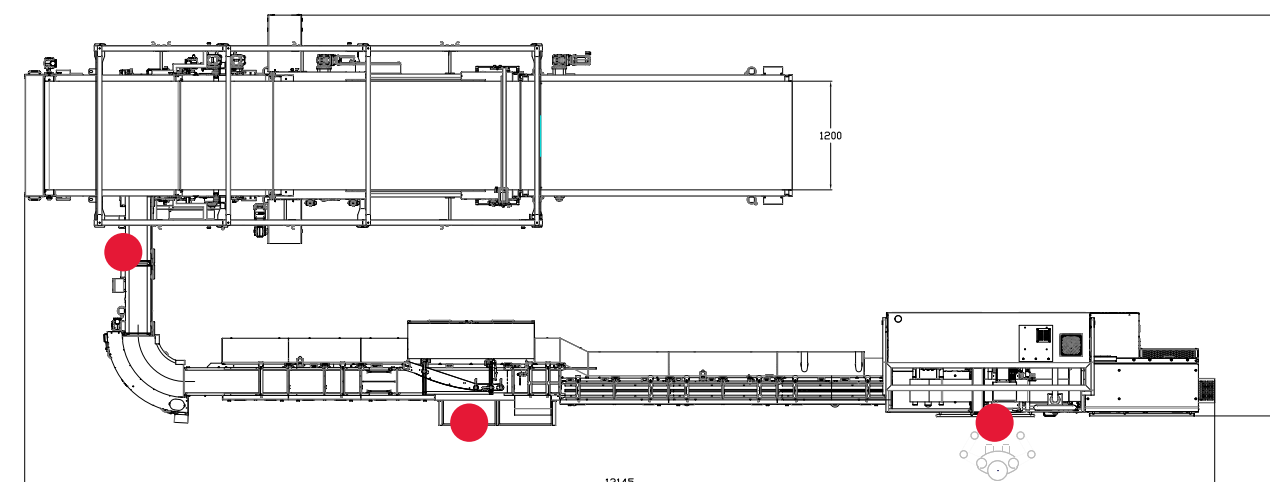
### Proactive process optimization

Real-time process flow monitoring by anomaly detection across the line through cameras. These cameras are positioned in key points of the line, to detect production bottlenecks and differences between the ideal process flow. This system enables preventive remote assistance to proactively update the line to increase productivity.

### Key benefits

- Line Overall Equipment Efficiency (OEE) increase
- Early issue detection and remote support with ACMA product experts
- Downtime prevention thanks to proactive maintenance

● Camera





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 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



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



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

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

