



**HOME AND PERSONAL CARE  
SOLUTIONS**

# COMPANY OVERVIEW

**ACMA** is a leading manufacturer of packaging machines in the **consumer goods market**, with an international breath. ACMA headquarter is located in Bologna (Italy), with production plants located in Italy.

Designs and manufactures automatic packaging machine for products like:

- **Confectionery** (chocolate, bakery, candies and gums)
- **Detergents and soaps** (liquids and bars)
- **Tea**

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



**95%**

OF ALL MACHINES  
ARE EXPORT



**250**

EMPLOYEES





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 **95 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.



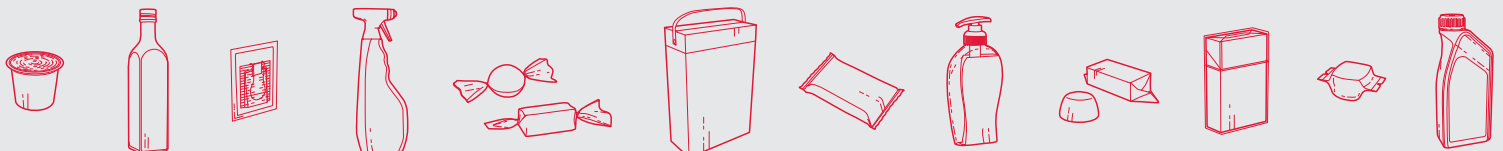
**1000**

MACHINES INSTALLED  
OVER LAST 10 YEARS



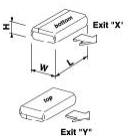
**5%**

OF SALES IN R&D



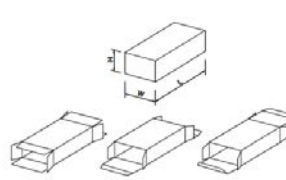


# PRODUCT SIZES

PRODUCT		MACHINE SW 250	MACHINE SW 350	MACHINE SW 550-Z	MACHINE SW 600-D	MACHINE SW 700-D
WRAPPING		mm	mm	mm	mm	mm
	L	Min 50 Max 110	Min 50 Max 110	Min 70 Max 115	Min 70 Max 115	Min 61 Max 95
	W	Min 35 Max 70	Min 35 Max 70	Min 45 Max 75*	Min 45 Max 75*	Min 37 Max 65
	H	Min 12** Max 40	Min 12** Max 40	Min 17 Max 45*	Min 17 Max 45*	Min 15 Max 35

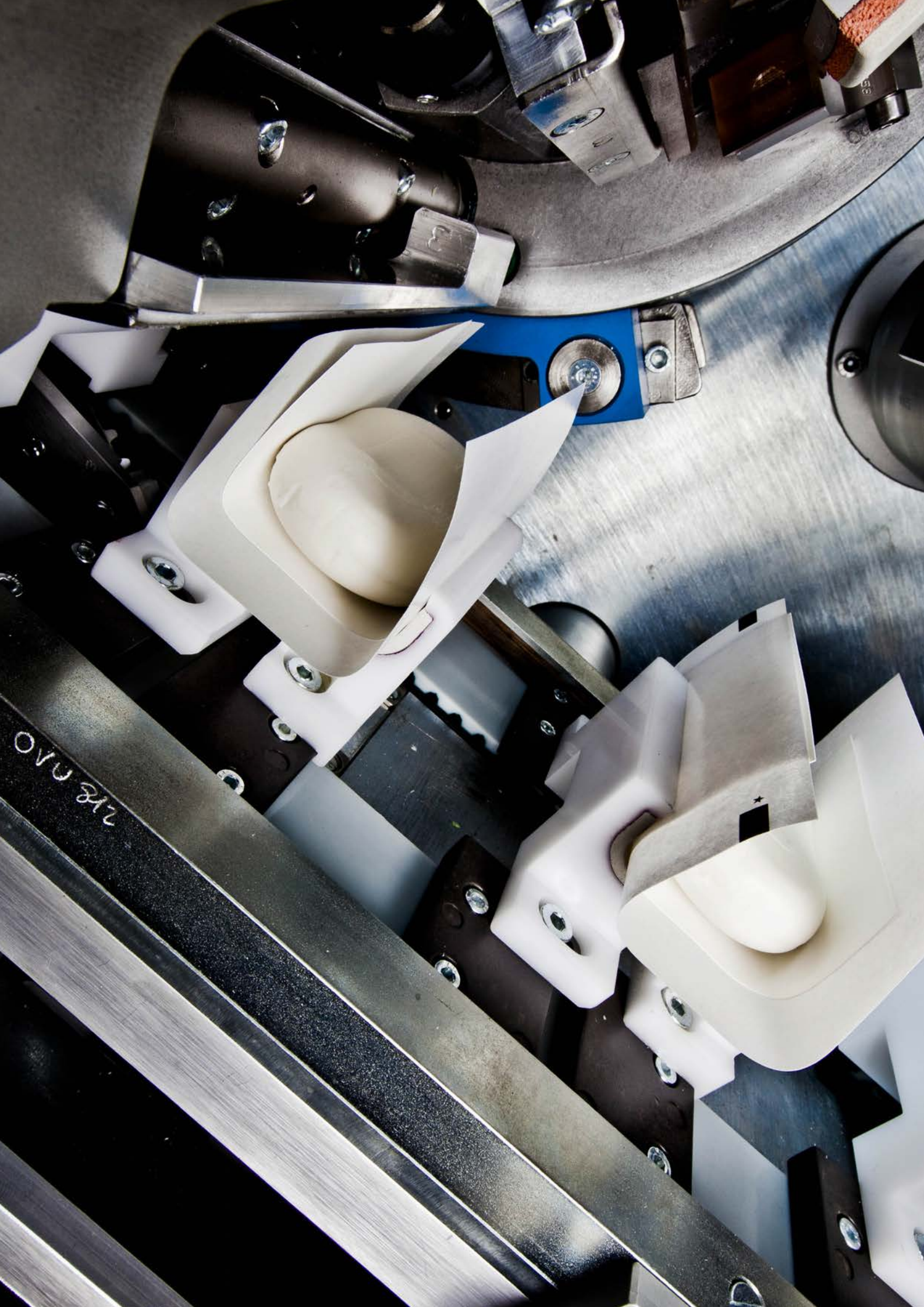
\*Cannot be used simultaneously

\*\*8mm with machine in special execution

PRODUCT		MACHINE SC 350-Z	MACHINE SC 550-Z	MACHINE SC 600-D	MACHINE SC 700-D
CARTONING		mm	mm	mm	mm
	L	Min 64 Max 120	Min 64 Max 120	Min 64 Max 120	Min 64 Max 120
	W	Min 38 Max 80	Min 38 Max 80	Min 38 Max 80	Min 38 Max 80
	H	Min 21 Max 60	Min 21 Max 60	Min 21 Max 60	Min 21 Max 60







278 010

# SW 250

## TECHNOLOGY



Fold wrapping

## PACKTYPE



Fold wrap soap

Automatic continuous motion wrapping machine for band and bandless soap bars using inner stiffener and heatsealable outer wrap taken from reel.

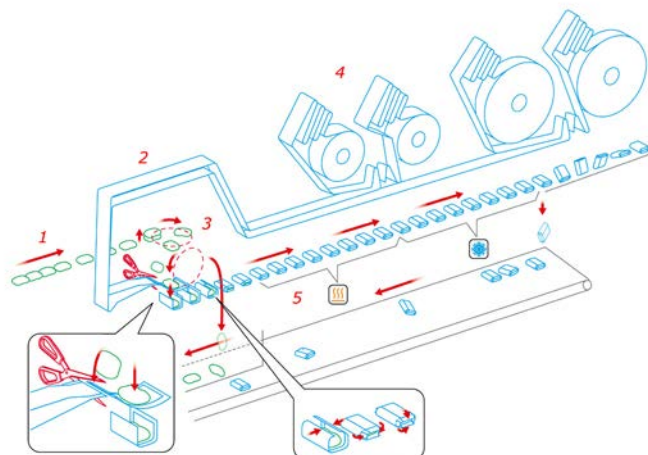


## MAIN FEATURES

- Ergonomic design with cantilevered execution
- Manual and easy size change-over
- Servo driven paper platform for material (unwinding and cutting)
- Universal feeding for machine connection to all soap stampers
- No product/No wrapping feature

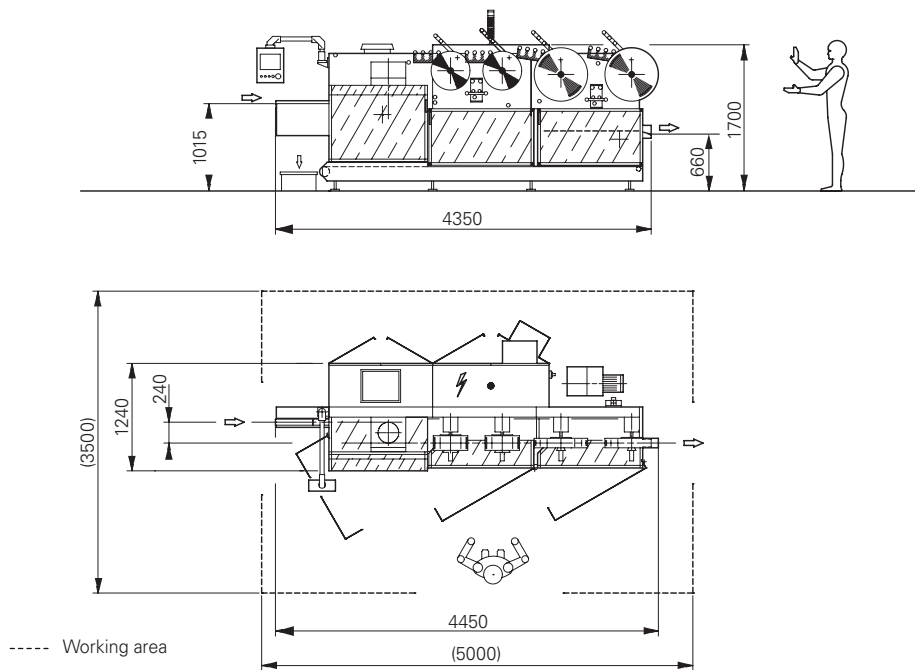
## PROCESS FLOW

1. Servo driven infeed belts optimizing product flow toward timing belts
2. Soap feeding by timing belts to a rotary transfer system
3. Continuous rotary transfer with 4 suction cups for product placement into centering wheel giving precise product positioning
4. Wrapping material unwinding, cutting and positioning
5. Soap and wrapping material transfer into pocketed belt for final material folding and sealing





## TECHNICAL DATA



### Production speed

Up to 250 ppm

### Packaging type

Traditional point & fold wrap

### Wrapping material

Plastic (BOPP, PP, PVC), cellophane, wax paper, coupled material

### Machine technical features

Installed power	26 kW
Compressed air	200 NI/1'
Weight	2000 kg

### Reel size

Outer-wrap	(outer) 440 mm; (inner) 75-85 mm
Inner stiffener	(outer) 620 mm; (inner) 147-157 mm

### Optionals

Automatic inner and outer wrapping material splicers  
 Joint control on material reels with reject system  
 Provision for product coding system (laser, inkjet, etc.)  
 180° up-ending device



# SW 350

## TECHNOLOGY



Fold wrapping

## PACKTYPE



Fold wrap soap

Automatic continuous motion wrapping machine for band and bandless soap bars using inner stiffener and heatsealable outer wrap taken from reel.

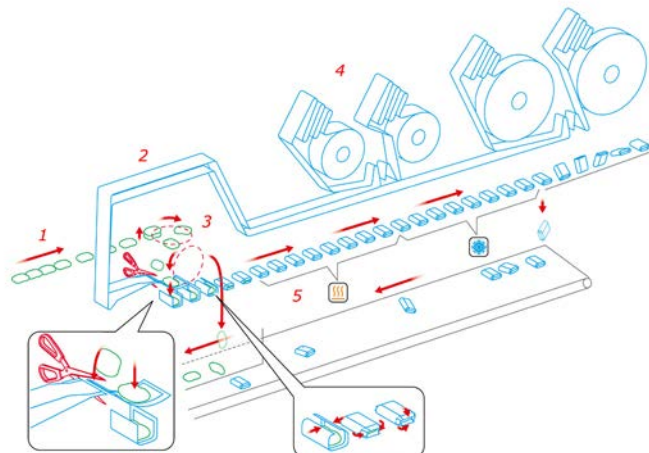


## MAIN FEATURES

- Ergonomic design with cantilevered execution
- Manual and easy size change-over
- Servo driven paper platform for material (unwinding and cutting)
- Universal feeding for machine connection to all soap stampers
- No product/No wrapping feature

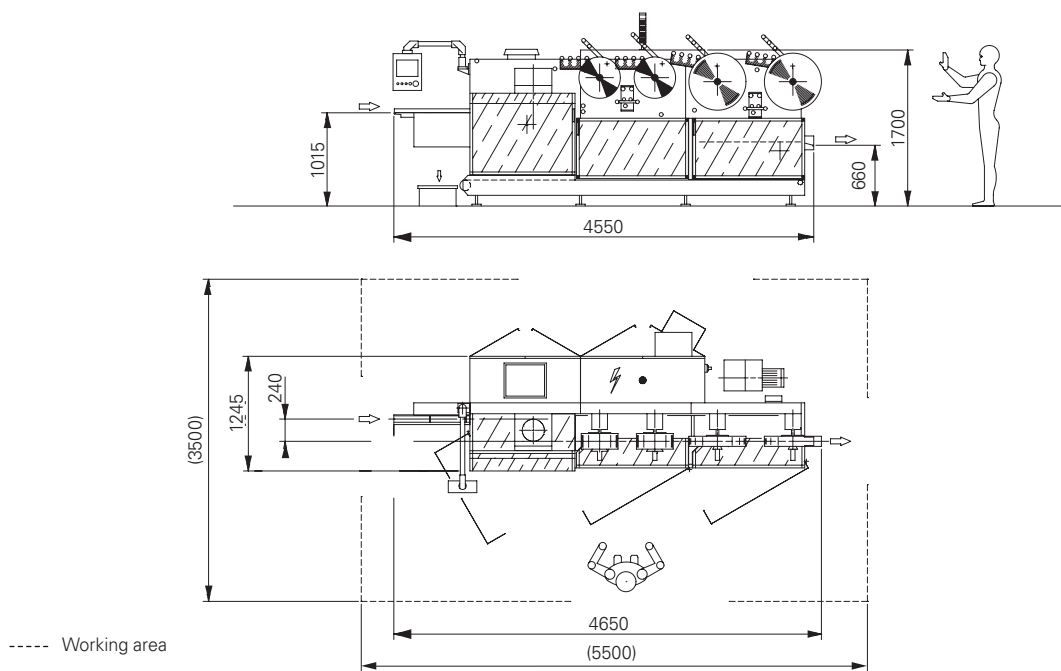
## PROCESS FLOW

1. Servo driven infeed belts optimizing product flow toward timing belts
2. Soap feeding by timing belts to a rotary transfer system
3. Continuous rotary transfer with 4 suction cups for product placement into centering wheel giving precise product positioning
4. Wrapping material unwinding, cutting and positioning
5. Soap and wrapping material transfer into pocketed belt for final material folding and sealing





## TECHNICAL DATA



<b>Production speed</b>	Up to 320 ppm	
<b>Packaging type</b>	Traditional point & fold wrap	
<b>Wrapping material</b>	Plastic (BOPP, PP, PVC), cellophane, wax paper, coupled material	
<b>Machine technical features</b>	Installed power	26 kW
	Compressed air	200 NI/1'
	Weight	2000 kg
<b>Reel size</b>	Outer-wrap	(outer) 440 mm; (inner) 75-85 mm
	Inner stiffener	(outer) 620 mm; (inner) 147-157 mm
<b>Optionals</b>	Joint control on material reels with reject system	
	Provision for product coding system (laser, inkjet, etc.)	
	180° up-ending device	



# SW 550

## TECHNOLOGY



Fold wrapping

## PACKTYPE



Fold wrap soap

High speed continuous motion wrapping machine for band and bandless soap bars using inner stiffener and heatsealable outer wrap taken from reel.

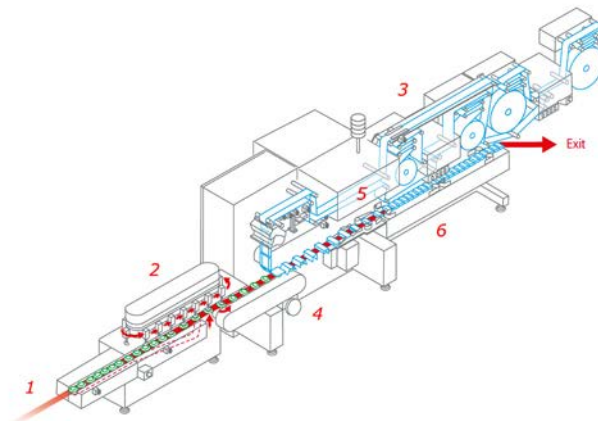


## MAIN FEATURES

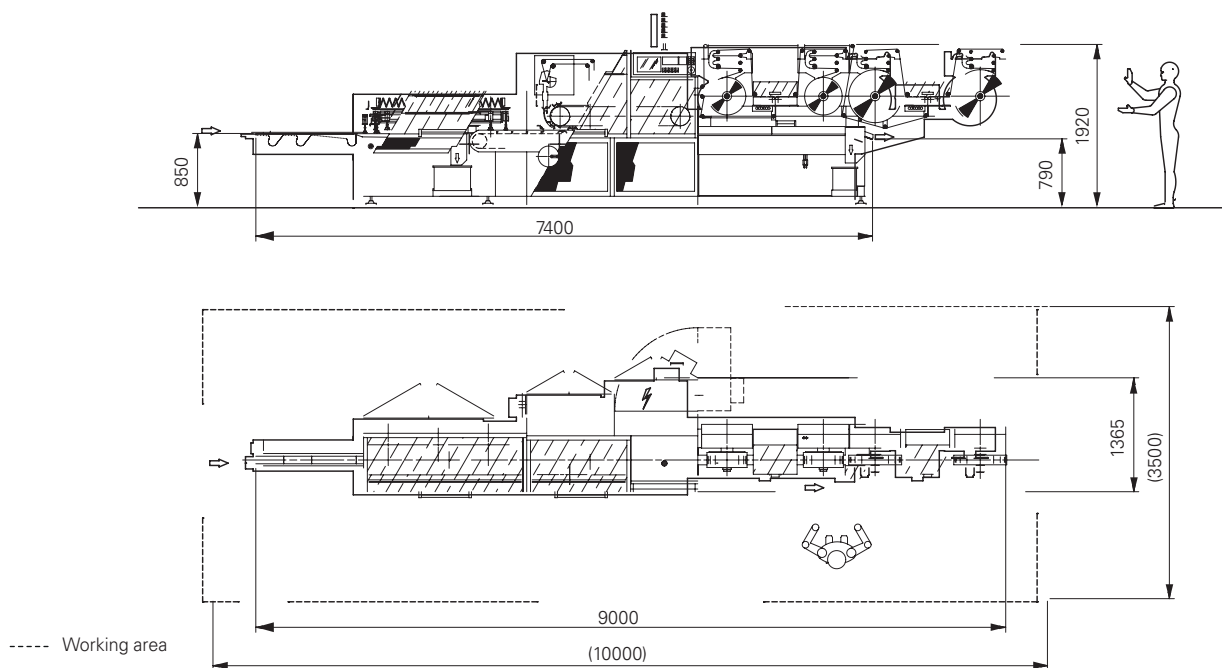
- Ergonomic design with cantilevered execution
- Automatic and easy size change-over
- Servo driven paper platform for material (unwinding and cutting)
- Machine execution with universal feeding (SZ 550) to be connected to all soap stampers
- No product/No wrapping feature
- Machine lubricated for life

## PROCESS FLOW

1. Soap infeed timed with servo driven belts optimizing product flow by non-contact continuous motion
2. Product transferred by rotary turret with 16 suction cups directly into cartoning machine
3. Precise unwinding, cutting and transport of the wrapping material onto the product through positive mechanical controls
4. Delicate soap handling during transfer from pockets to product and material grippers
5. Accurate folding process through fixed and moveable folders
6. Material sealing with pre-heating and cooling system



## TECHNICAL DATA



<b>Production speed</b>	Up to 550 ppm	
<b>Packaging type</b>	Traditional point & fold wrap	
<b>Wrapping material</b>	Plastic (BOPP, PP, PVC) and traditional heat sealable materials	
<b>Machine technical features</b>	Installed power	32 kW
	Compressed air	350 NI/1'
	Weight	5100 kg
<b>Reel size</b>	Outer-wrap	(outer) 450 mm; (inner) 102 or 105 mm
	Inner stiffener	(outer) 635 mm; (inner) 102 or 152 mm
<b>Optionals</b>	Computerized size change over system Provision for product coding system (laser, inkjet, etc.) Soap control quality with reject system: joint control on material reels	
<b>Others</b>	Linked machines	SY 600



# SW 600

## TECHNOLOGY



Fold wrapping

High speed continuous motion wrapping machine for band and bandless soap bars using inner stiffener and heatsealable outer wrap taken from reel.

## PACKTYPE



Fold wrap soap

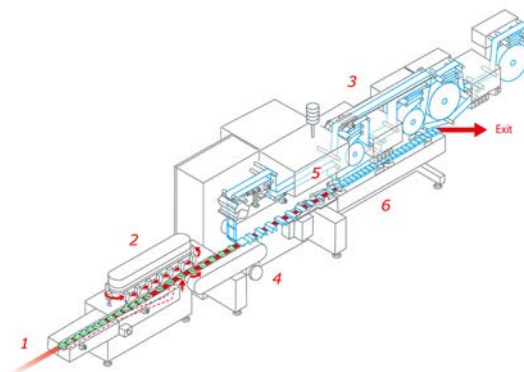


## MAIN FEATURES

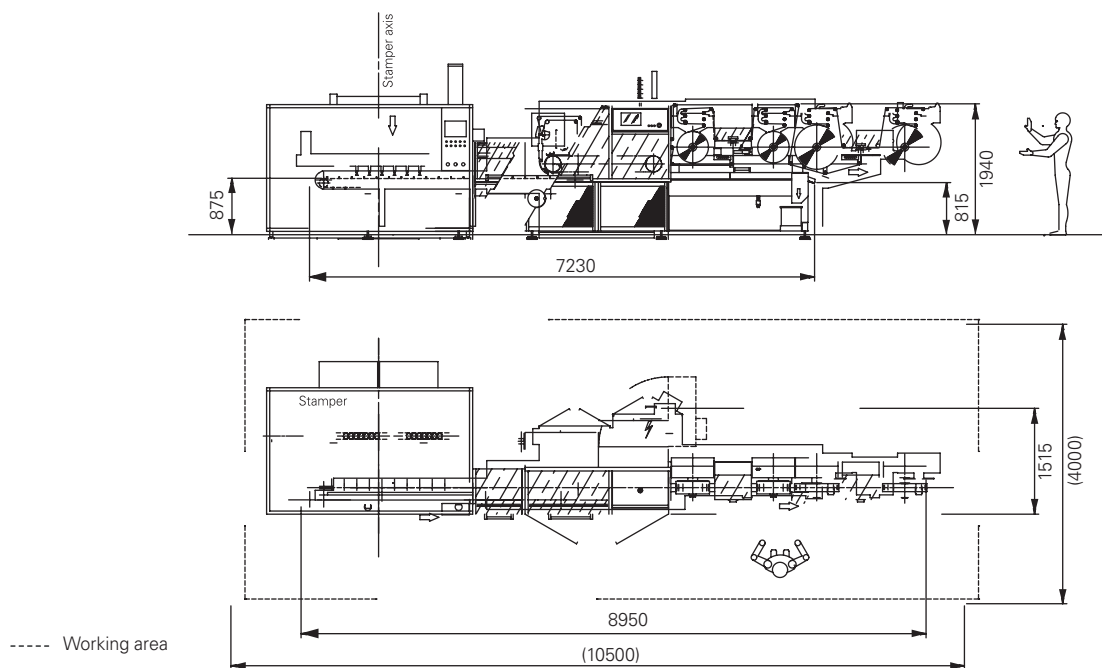
- Ergonomic design with cantilevered execution
- Automatic and easy size change-over
- Servo driven paper platform for material (unwinding and cutting)
- Machine provision to be directly linked (DL) with Mazzonei stamper thru direct transfer system (DTS) for smooth and efficient line integration
- No product/No wrapping feature
- Machine lubricated for life

## PROCESS FLOW

1. Soap discharged directly from Mazzonei DTS into ACMA pocketed infeed belt
2. Transfer from stamper to wrapper performed by "one touch" operation avoiding intermediate product handling and product friction
3. Precise unwinding, cutting and transport of the wrapping material onto the product through positive mechanical controls
4. Delicate soap handling during transfer from pockets to product and material grippers
5. Accurate folding process through fixed and moveable folders
6. Material sealing with pre-heating and cooling system



## TECHNICAL DATA



<b>Production speed</b>	Up to 600 ppm	
<b>Packaging type</b>	Traditional point & fold wrap	
<b>Wrapping material</b>	Plastic (BOPP, PP, PVC) and traditional heat sealable materials	
<b>Machine technical features</b>	Installed power	32 kW
	Compressed air	350 NI/1'
	Weight	5100 kg
<b>Reel size</b>	Outer-wrap	(outer) 450 mm; (inner) 102 or 105 mm
	Inner stiffener	(outer) 635 mm; (inner) 102 or 152 mm
<b>Optionals</b>	Computerized size change over system Provision for product coding system (laser, inkjet, etc.) Soap control quality with reject system: vision camera, joint control on material reels	
<b>Others</b>	Linked machines	SY 600

# SW 700

## TECHNOLOGY



Fold wrapping

## PACKTYPE



Fold wrap soap

Top speed continuous motion wrapping machine for band and bandless soap bars using inner stiffener and heatsealable outer wrap taken from reels.

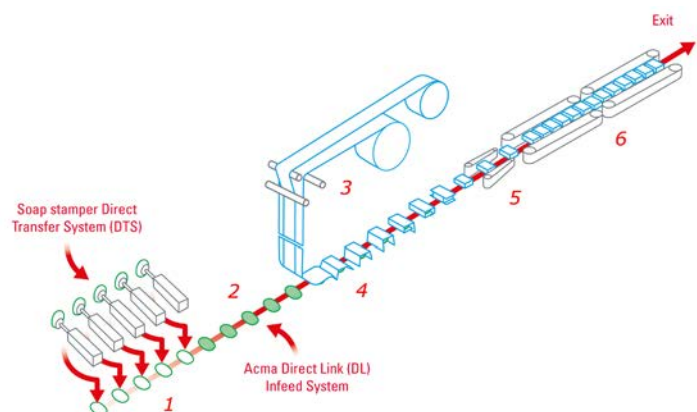


## MAIN FEATURES

- Ergonomic design with cantilevered execution
- Automatic and easy size change-over
- Servo driven paper platform for materials (unwinding and cutting)
- Machine provision to be directly linked (DL) with Mazzonei stamper thru direct transfer system (DTS) for smooth and efficient line integration
- No product/No wrapping feature
- Sealing area length designed for max flexibility and appropriate for BOPP
- Independent motorization for both sealing and cooling area
- Simple fine adjustments of the sealing pressure on soap

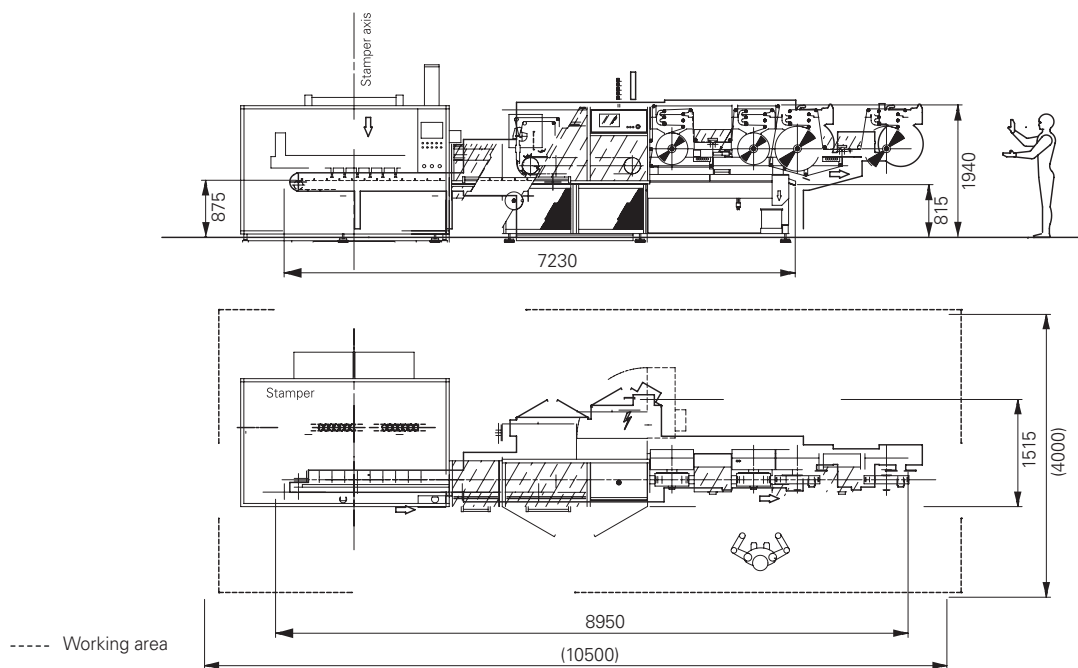
## PROCESS FLOW

1. Soap discharged directly from Mazzonei DTS into ACMA pocketed infeed belt
2. Transfer from stamper to wrapper performed by "one touch" operation avoiding intermediate product handling and product friction
3. Precise unwinding, cutting and transport of the wrapping material onto the product through positive mechanical controls
4. Delicate soap handling during transfer from pockets to product and material grippers
5. Accurate folding process through fixed and moveable folders
6. Material sealing with pre-heating and cooling system





## TECHNICAL DATA



<b>Production speed</b>	Up to 700 ppm	
<b>Packaging type</b>	Traditional point & fold wrap	
<b>Wrapping material</b>	Plastic (BOPP, PP, PVC) and traditional heat sealable materials	
<b>Machine technical features</b>	Installed power	23 kW
	Compressed air	350 NI/1'
	Weight	5100 kg
<b>Reel size</b>	Outer-wrap	(outer) 450 mm; (inner) 102 or 105 mm
	Inner stiffener	(outer) 635 mm; (inner) 102 or 152 mm
<b>Optionals</b>	Computerized size change over system Provision for product coding system Soap control quality with reject system: vision camera, joint control on material reels	
<b>Others</b>	Linked machines	SY 600

# SC 350

## TECHNOLOGY



Cartoning & box filling

## PACK TYPE



Carton box soap hot-melt



Carton box soap tuck-in

Mid speed continuous motion cartoning machine for all different shapes of soap bars.

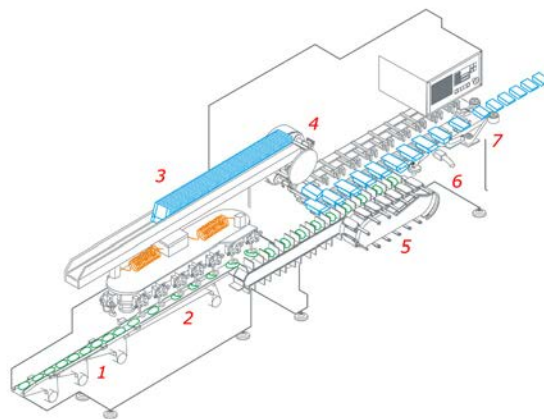


## MAIN FEATURES

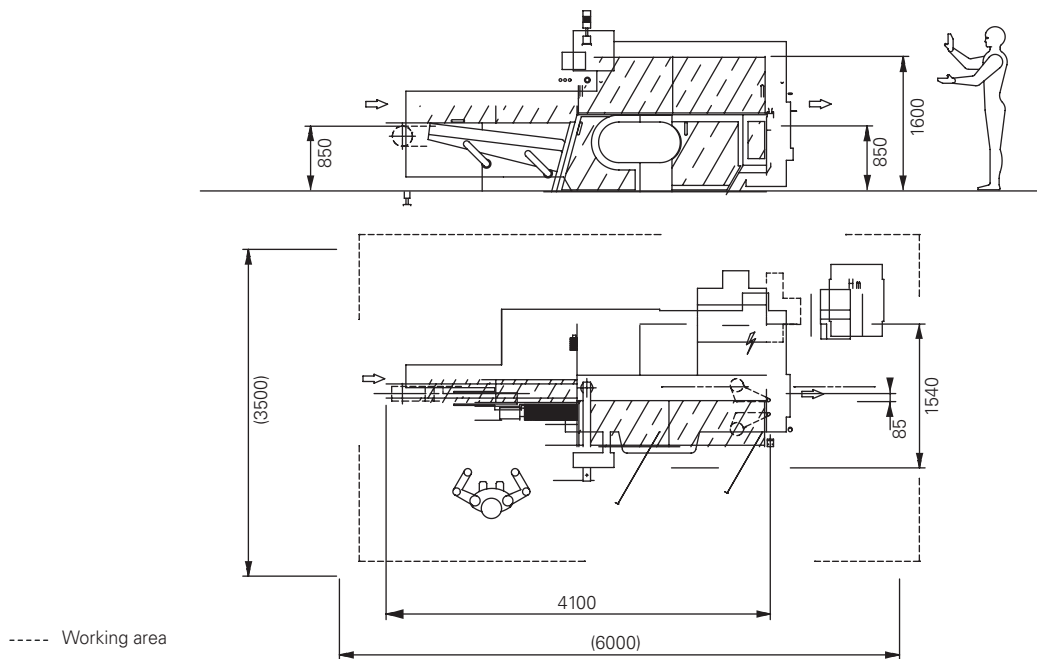
- Ergonomic design with cantilevered execution
- Automatic and easy size change-over
- Machine execution with universal feeding (SZ 350) to be connected to all soap stampers
- Able to handle both naked and flowpacked soaps
- No product/No carton feature

## PROCESS FLOW

1. Soap infeed timed with servo driven belts optimizing product flow by non-contact continuous motion
2. Product transferred by rotary turret with 16 suction cups directly into cartoning machine
3. Longitudinally pre-glued cartons fed from magazine
4. Carton opening and positioning by a multiple head turret
5. Smooth soap transfer from pockets to cartons by pushers on special guides with easily removable sliding plate and overload control
6. Carton folding and closing system
7. Carton extraction by side belts with final hot-melt or tuck-it setting



## TECHNICAL DATA



### Production speed

Up to 350 ppm

### Packaging style and material

Longitudinal pre-glued cartons  
 Straight and std reverse tuck-in closure  
 Hot-melt closure

### Machine technical features

Installed power	16 kW
Compressed air	400 NI/1'
Weight	3500 kg

### Optionals

Product coding system  
 Soap control quality with reject system (proper carton flaps Closing)  
 Tuck-in/Hot melt closure  
 Extended carton magazine capacity

### Others

Linked machines	SW 350 SF 450
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# SC 550

## TECHNOLOGY



Cartoning & box filling

## PACK TYPE



Carton box soap  
hot-melt

High speed continuous motion cartoning machine for all different shapes of soap bars.

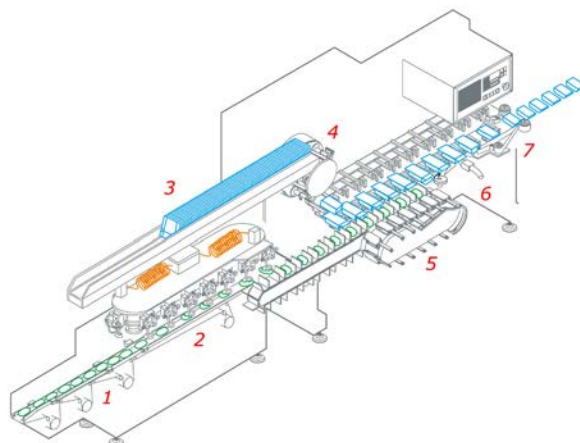


## MAIN FEATURES

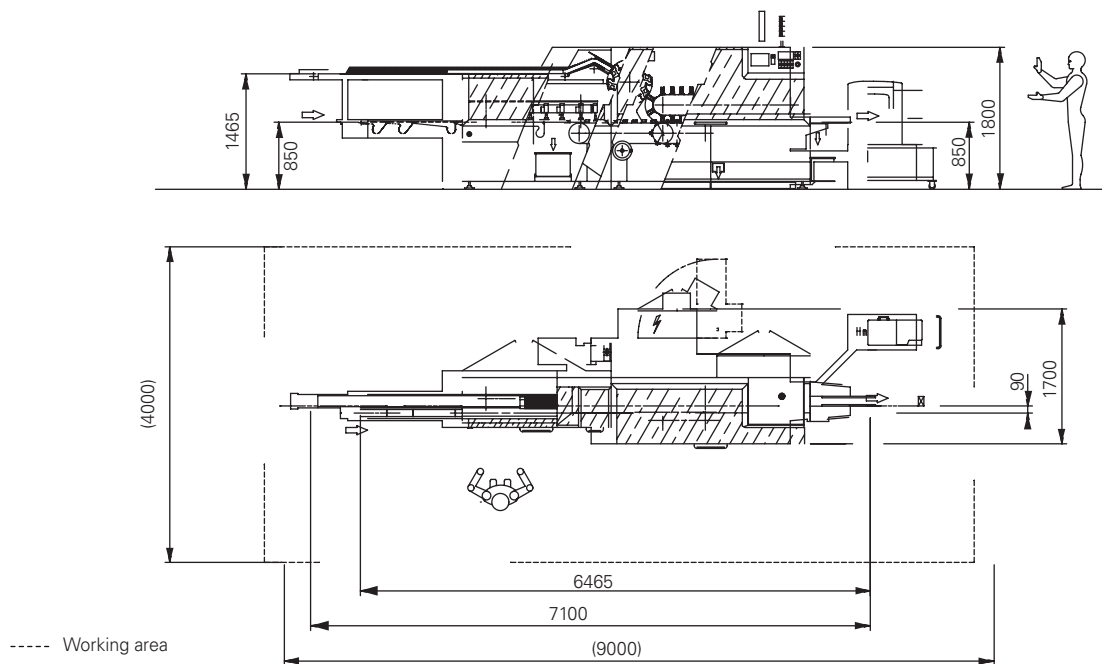
- Ergonomic design with cantilevered execution
- Automatic and easy size change-over
- Machine execution with universal feeding (SZ 550) to be connected to all soap stampers
- No product/No carton feature
- Machine lubricated for life

## PROCESS FLOW

1. Soap infeed timed with servo driven belts optimizing product flow by non-contact continuous motion
2. Product transferred by rotary turret with 16 suction cups directly into cartoning machine
3. Longitudinally pre-glued cartons fed from magazine
4. Carton opening and positioning by a multiple head turret
5. Smooth soap transfer from pockets to cartons by pushers on special guides with easily removable sliding plate and overload control
6. Carton folding and closing system
7. Carton extraction by side belts with final hot-melt setting



## TECHNICAL DATA



### Production speed

Up to 550 ppm

### Packaging style and material

Longitudinal pre-glued cartons  
 Straight and std reverse tuck-in closure  
 Hot-melt closure

### Machine technical features

Installed power	18 kW
Compressed air	400 NI/1'
Weight	4200 kg

### Optionals

Provision for product coding system  
 Soap control quality with reject system (proper carton flaps closing)  
 Extended carton magazine capacity

### Others

Linked machines	SY 600
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# SC 600

## TECHNOLOGY



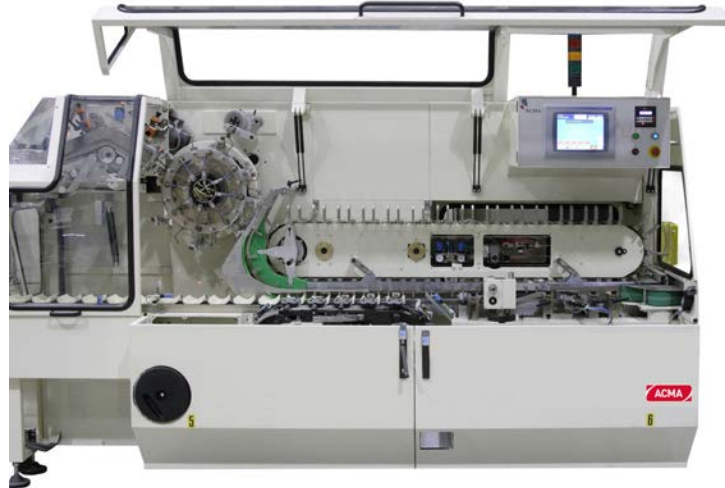
Cartoning & box filling

## PACK TYPE



Carton box soap  
hot-melt

High speed continuous motion cartoning machine for all different shapes of soap bars.

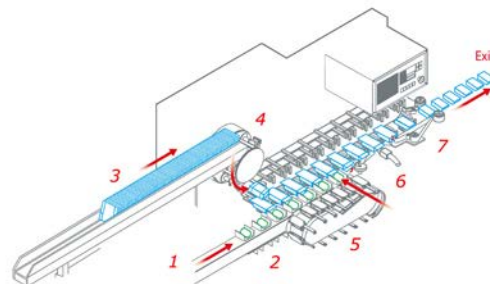


## MAIN FEATURES

- Ergonomic design with cantilevered execution
- Automatic and easy size change-over
- Machine provision to be directly linked (DL) with Mazzoni stamper thru direct transfer system (DTS) for smooth and efficient line integration
- No product/No carton feature
- Machine lubricated for life

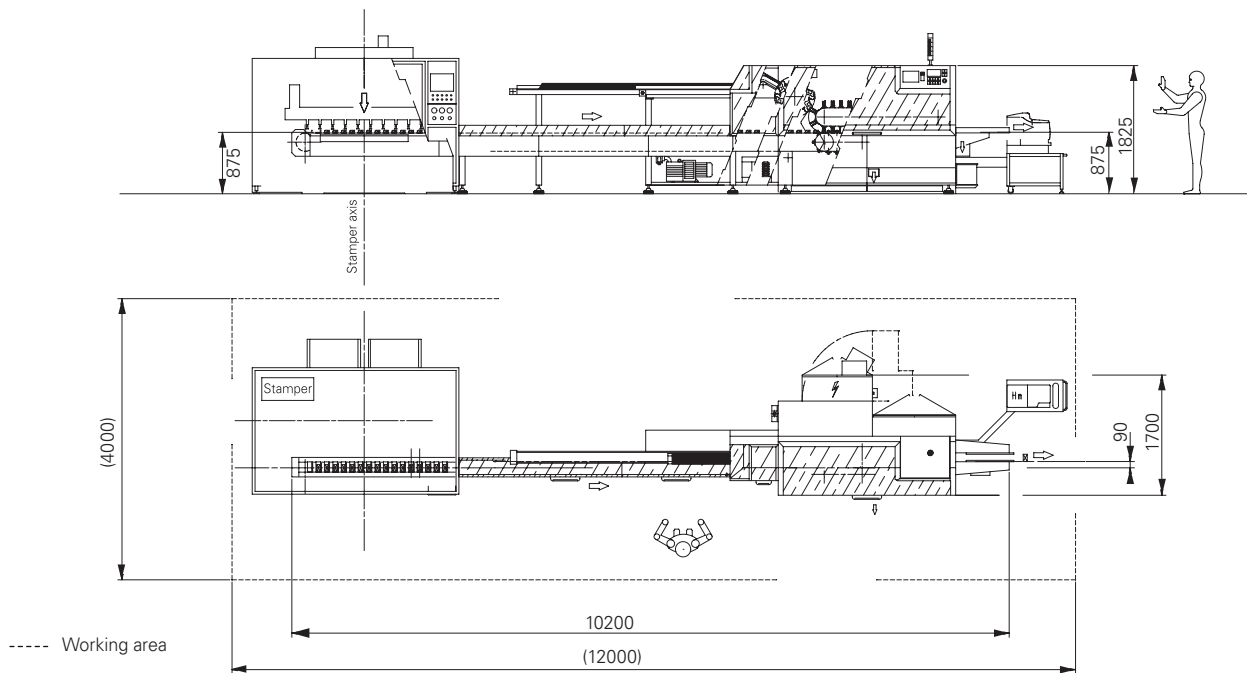
## PROCESS FLOW

1. Soap discharge directly from Mazzoni DTS into ACMA pocketed infeed belt
2. Transfer from stamper to cartoner performed by 'one touch' operation avoiding intermediate product handling and product friction
3. Longitudinally pre-glued cartons fed from magazine
4. Carton opening and positioning by a multiple head turret
5. Smooth soap transfer from pockets to cartons by pushers on special guides with easily removable sliding plate and overload control
6. Carton folding and closing system
7. Carton extraction by side belts with final hot-melt setting





# TECHNICAL DATA

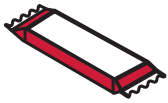


<b>Production speed</b>	Up to 600 ppm	
<b>Packaging style and material</b>	Longitudinal pre-glued cartons Straight and std reverse tuck-in closure Hot-melt closure	
<b>Machine technical features</b>	Installed power	18 kW
	Compressed air	400 NI/1'
	Weight	4200 kg
<b>Optionals</b>	Provision for product coding system Soap control quality with reject system: vision camera, proper carton flaps closing Provision for dedicated soap pockets	
<b>Others</b>	Linked machines	SY 600



# BF 450

## TECHNOLOGY



Flow packing

## PACK TYPE



Pillow bag

Continuous motion horizontal form-fill and seal machine to flowwrap soap products with heatsealing material taken from reel.

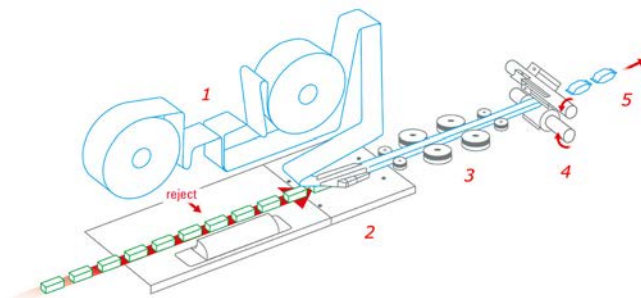


## MAIN FEATURES

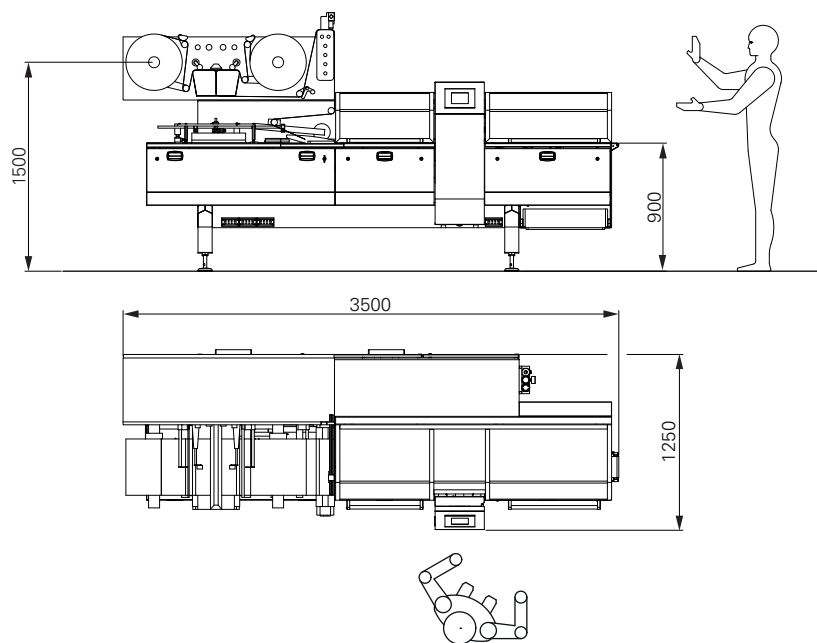
- Cantilevered ergonomic main frame for easy cleaning
- Four brushless servo-motors
- Double reel-holder up to 400 mm web width (optional 600 mm)
- Self centering film reel holder with pneumatic locking
- Servo driven film unwinder - Automatic splicer
- Rotary crimper
- Longitudinal Fin Sealing Unit composed of 4 sets of wheels
- 6" Touch Screen high-definition control panel
- Integrated electrical cabinet
- Schneider automation

## PROCESS FLOW

1. Reels with automatic splicer
2. Forming box
3. Longitudinal film seal unit
4. Rotary crimper
5. Outfeed belt



## TECHNICAL DATA



<b>Production speed</b>	Up to 450 ppm	
<b>Packaging material speed</b>	Up to 40 m/min	
<b>Packaging style</b>	Polypropylene film (PP-OPP), foil laminations, paper/polyethylene laminations Pillow pack Special crimper for product strings with easy tearing between each single pack	
<b>Film size</b>	Width	600 mm
	Thickness	30-65 micron
<b>Machine technical features</b>	Installed power	12 kW
	Compressed air	80 NI/1'
	Weight	1800 kg
<b>Feeding system</b>	DLCF (Double Low Contact Feeder)	
<b>Optionals</b>	Longitudinal Fin Seal Control Unit for precise flap alignment Product rejection/detection system on infeed chain Product detection system for empty/double/spleced packages whit rejection on exit belt Rotary gusseting unit Count and cut function No product/No bag feature Aroma dispenser unit Flap closing unit (fold down device) Rockwell automation 10" Touch Screen high-definition control panel Allen Bradley Automation	



# SY 600

## TECHNOLOGY

Divider

Continuous motion product divider for soap bars (single and multi packs)

## PACKTYPE



Fold wrap soap



Carton box soap hot-melt



Carton box soap tuck-in

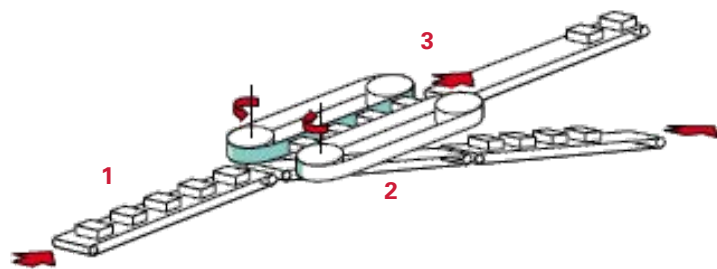


## MAIN FEATURES

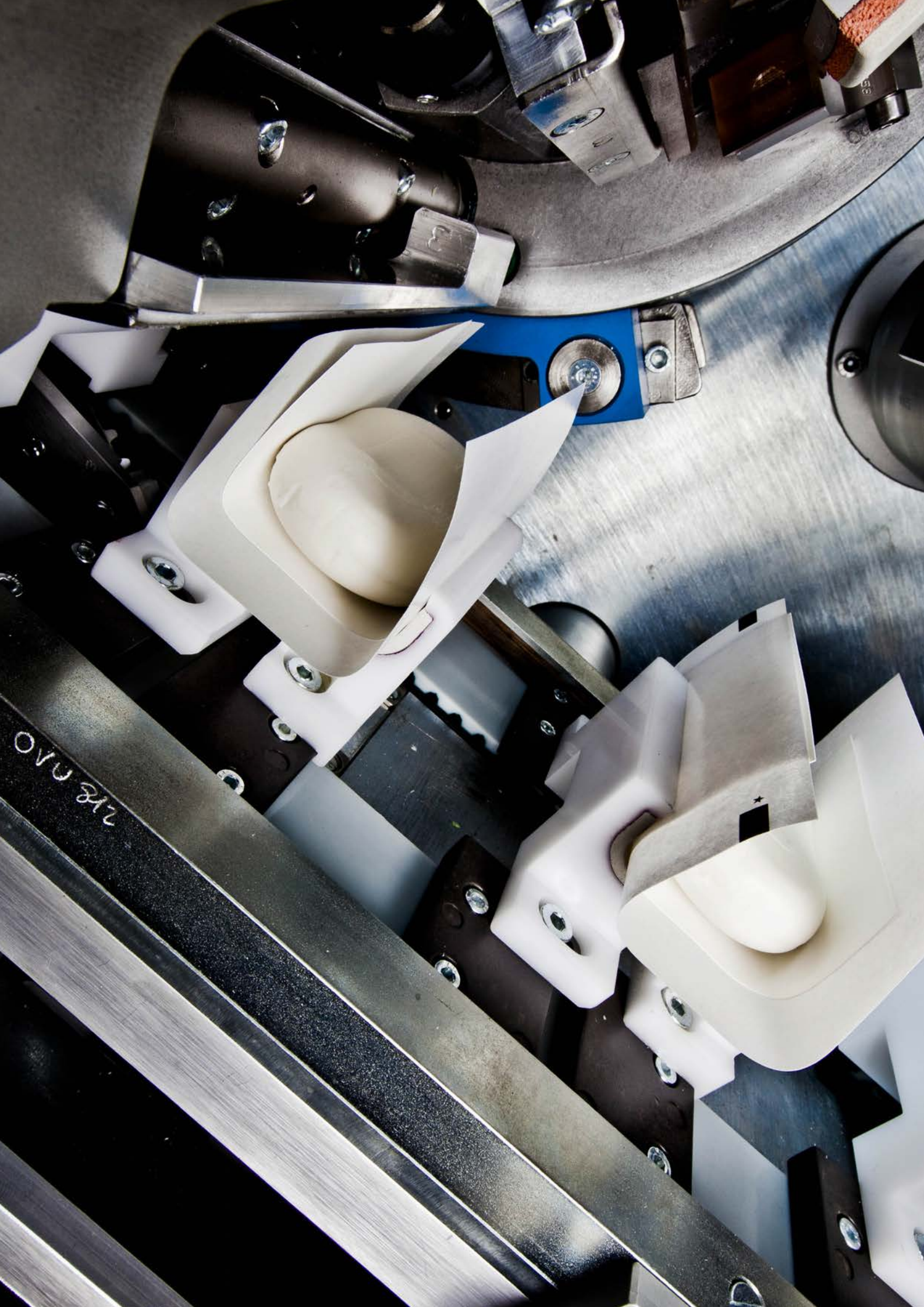
- Universal feeding system for connection to all packaging machines, including stamping ones
- Speed up to 600 ppm

## PROCESS FLOW

1. Infeed belt optimizing product flow toward lateral belts holding products during lane exchange
2. Lane exchange based on downstream requirements on pre-set percentage
3. Exchange with positively controlled products without frictions between products and belts







278 010

# CUSTOMER SERVICE



## PARTS AND MATERIALS

Maintain your equipment in perfect conditions through certified new or refurbished original OEM components

- Spare parts
- Repairs

## MAINTENANCE SERVICE

Minimize your equipment downtime by leveraging on our Maintenance Services portfolio

- Troubleshooting
- Technical Services
- Machinery relocation & decommissioning
- Backups

## EQUIPMENT MODERNIZATION

Extend lifetime, improve performance and enhance functionalities of your equipment

- Kit & Upgrades
- Size Changes
- Rebuilding & Refurbishment
- Control System Replacement







### TRAINING & DOCUMENTATION

Our knowledge at disposal for our customers

- Training
- Technical Services
- Machinery relocation & decommissioning

### EXPERT SOLUTIONS

Create additional value from your equipment

- Setting Optimization

### PRODUCTION SUPPORT SERVICES

Maximize the value of your equipment by running it in best possible conditions.

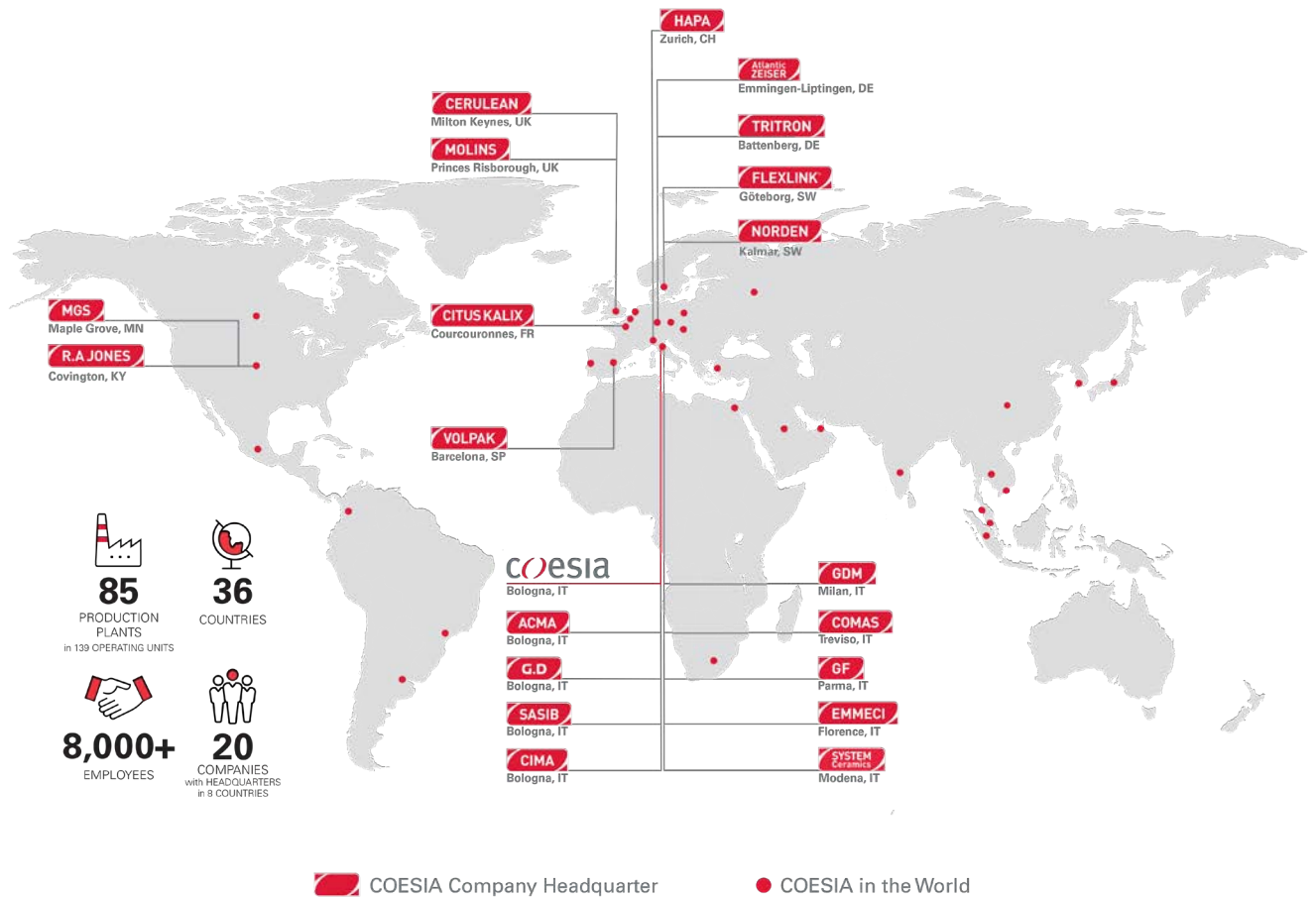
- Maintenance
- Production Assistance
- Remote Assistance
- Machine Audit











# coesia

## coesia companies

ACMA - ATLANTIC ZEISER - CERULEAN - CIMA - CITUS KALIX - COMAS  
EMMECI - FLEXLINK - G.D - GDM - GF - HAPA - IPI - MGS - MOLLINS  
NORDEN - R.A. JONES - SASIB - SYSTEM CERAMICS - TRITRON - VOLPAK

coesia.com

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 and packaging materials**
- **Industrial process solutions**
- **Precision gears**

Coesia customers are leading players in a broad range of industries, including Aerospace, Ceramics, Consumer Goods, Electronics, Healthcare, Luxury Goods, Pharmaceutical, Recing & Automotive and Tobacco.



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