

# INNOVATION MADE OF PEOPLE

**PACK EXPO 2018**

Chicago, IL USA

October 14 - 17, 2018

McCormick Place - South Building - Booth S-2501



**coesia**



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

Coesia's companies are leaders in:

- Advanced automated machinery and packaging materials
- Industrial process solutions
- Precision gears

Our customers are leading players in:

Aerospace, Consumer Goods, Electronics, Healthcare, Luxury Goods, Pharmaceutical, Racing & Automotive and Tobacco.

# Mission and Values.

Our Mission is to create long term sustainable economic, social and environmental value for our clients, employees, shareholder and the communities we operate in.

## Respect

Respect for people, rules, local communities, environmental and economic resources.

Respect implies rigor and integrity.

## Responsibility

Responsibility for the consequences of one's decisions and actions, responsibility to lead by example, practice fair leadership, reward merit, nurture talent, achieve results and to be committed.

Even collective responsibility starts with individual accountability.

## Knowledge

Knowledge as professional and personal growth. Knowledge comes from culture, education, training, research, experience and relationships.

*Sapere Aude: dare to know.*

## Passion

Passion for the product, innovation, excellence, beauty, work and performance.

Passion allows us to envision results even before achieving them.



# INDUSTRIES

AEROSPACE & RACING

AUTOMOTIVE

BEVERAGE

CHEMICALS

DAIRY

ELECTRONICS

FOOD

HOME CARE

INDUSTRIAL GOODS

LUXURY GOODS

NEXT GENERATION PRODUCTS

PERSONAL CARE

PET CARE

PHARMA & HEALTHCARE

TEA & COFFEE

TISSUE & HYGIENE

TOBACCO

# TECHNOLOGIES



## AUTOMATED PRODUCTION FLOW

- Buffering & Line Balancing Solutions
- Complete Line
- Conveyor Systems
- Cosmetics Handling
- Elevating Solutions
- Enclosures & Guards
- Feeders
- Machine Adaptation
- Optical Tray Handling
- PCB Handling
- Pharma Handling
- Product Handling Functions
- Tissue Handling
- Tobacco Tray Handling



## ASSEMBLY & COMBINING

- Assembly Machine
- Cartridge Assembly
- Combining



## CARTONING & EOL

- Cartoning & Box Filling
- Case Packing
- Stacking & Bagging
- Tray & Sleeve Packing



## FILLING

- Aerosol Filling
- Aseptic Filling
- Bottle Filling
- Capsule Filling
- Cosmetics Filling
- Cup Filling
- E-cig Filling
- Lipstick Moulding
- Parenterals Filling
- Sterile & Nonsterile Filling
- Tube Filling



## GEARS & SPECIAL PARTS

- Gears & Transmissions
- Special Parts



## MAKING & FORMING

- Bag Forming
- Box Making
- Case Laminating
- Cigarette Making
- Converting
- Filter Rod Making



## SOFTWARE & CONTROLS

- Big Data
- Line Control
- Material Flow Management



## MONITORING & INSPECTION

- Condition Monitoring
- Leak Detection
- Modified Atmosphere Packaging
- Production Monitoring
- Track & Trace
- Vision Inspection



## PACKING & WRAPPING

- Chub Packing
- Cigarette Packing
- Flow Packing
- Fold Wrapping
- Stamp & Coupon Applying
- Tea Bag Packing



## POUCHING & BAGGING

- Horizontal Flat Pouching
- Horizontal Stand-up Pouching
- Vertical Bagging



## PRINTING & LABELLING

- Digital Printing
- Flexo Printing
- Hybrid Printing
- Labelling
- Laser Engraving



## PRODUCT ANALYSIS

- Chemical Analysis
- Physical Analysis



## ROBOTICS

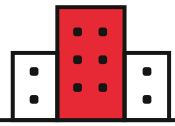
- De-Palletizing
- Palletizing
- Pick and Place

ACMA ATLANTIC ZEISER CERULEAN CIMA CITUSKALIX COMAS EMMECI FLEXLINK G.D GDM GF HAPA IPI MGS MOLINS NORDEN R.A.JONES SACMO SASIB TRITRON VOLPAK

coesia



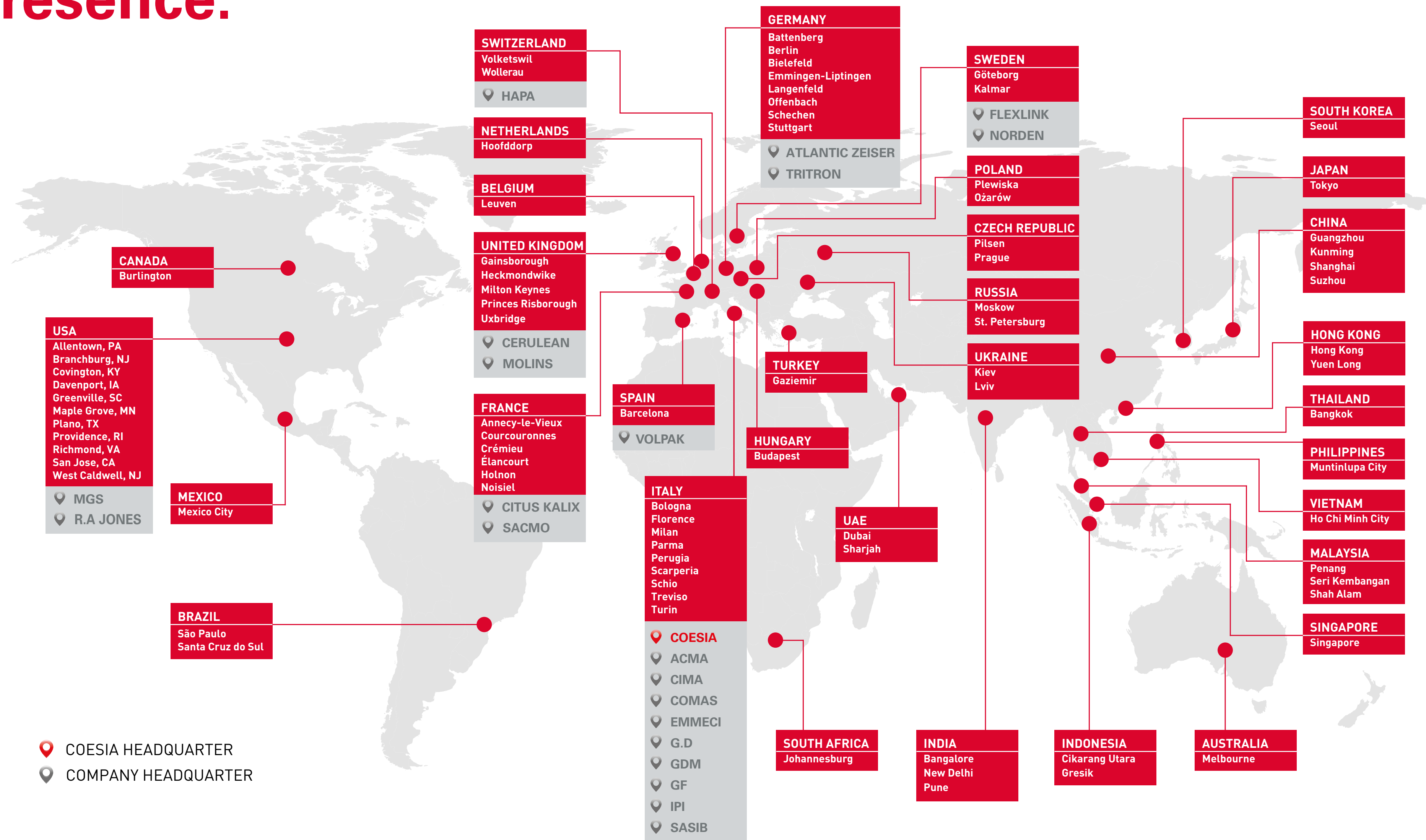
# Global Presence.

  
**106**  
OPERATING UNITS  
64 of which are  
production plants

  
**32**  
COUNTRIES

  
**21**  
COMPANIES

  
**~7,600**  
EMPLOYEES





# Coesia 2020 strategy.

Coesia acts as a strategic enabler to enhance individual Company brands: it provides a lean, effective infrastructure to help each Company grow.

## STRATEGIC DRIVERS

## OBJECTIVE

CUSTOMER-CENTRIC INNOVATION

Leverage Coesia engineering heritage in high-end while improving fit-to-purpose mid-tier solutions.

GLOBAL FOOTPRINT

Complete global footprint with best-in-industry reach and service capabilities.

GROWTH PLATFORMS

Strengthen leadership in current portfolio and grow in promising adjacent segments.

SERVICE

Step change in customer service capabilities across all businesses.

IMPLEMENTATION  
EXCELLENCE

Extract full impact from Company initiatives and ensure continuous efficiency improvement.

BEST GLOBAL TALENT

Continue to strengthen Coesia management team to sustain growth ambition.



# Coesia at Pack Expo 2018.

Coesia enables customers to package their lines to their specific requirements, providing a single supplier solution across all areas of the consumer goods industry.

The group promotes its “**Customer Centric Innovation**” approach, showing its complete portfolio at an impressive **13,000 ft²** (1,200 m²) booth.

Ten of the 18 Companies will be present at the show. The highlight in the Coesia booth will be the integration of digital and machine knowledge to offer our customers a complete solution and customer service evolution tools.



13,000 ft²



10 COMPANIES



>100 MACHINE LIVE ON MULTIMEDIA TOOLS



9 PRODUCT LAUNCHES



3 INNOVATION STAGES



1 INTEGRATED LINE

South Building



Showcasing at  
PACK EXPO  
this year are:

ACMA

CITUSKALIX

EMMECI

FLEXLINK®

GF

HAPA

MGS

NORDEN

R.A JONES

VOLPAK



# Solution Snapshots at the booth.

At Pack Expo Coesia will present its latest technological developments:  
Our Solution Snapshots revolves around one a new solution, to give you an overview of key features and outstanding benefits.

	Oct 14	Oct 15	Oct 16	Oct 17
10 AM	<b>MGS</b> <b>OEE enhancement?</b> <b>MGS STEALTH CT cartoner brings it!</b>  Stealth CT by MGS is a new flexible cartoner with improved HMI and a smaller footprint. With no-tool changeover and a new machine alert system, OEE improvement on your Pharma packaging line is guaranteed.	<b>FLEXLINK</b> <b>Freeing up floor space, with FLEXLINK's Compact spiral elevator</b>  FlexLink's new Compact spiral elevator X85 is super compact and ideal for up and down elevation of small packaging boxes. Its high throughput solution ensures a gentle, continuous product flow.	<b>HAPA</b> <b>Production agility? Go digital with Web 4.0!</b>  With a future proof design and a fast artwork changeover, Web 4.0 by Hapa is the perfect digital printing solution to address production challenges and improve asset utilization.	<b>VOLPAK</b> <b>STANDCAP, a market-changing packaging solution</b>  A disruptive packaging solution, STANDCAP allows category leaders to breathe new life into established product categories and emerging brands to close sales at shelf. Clean & convenient, STANDCAP pouch has it all.
11 AM	<b>NORDEN</b> <b>NC300: perfection in every second</b>  The new state-of-the-art NC300 cartoner by Norden has been developed to empower the dreams of our Pharma customers, aiming at top class flexibility, ergonomics, changeover time and repeatability.	<b>VOLPAK - R.A JONES - FLEXLINK</b> <b>A Coesia line of innovation: pouching, cartoning and palletizing!</b>  Volpak, R.A Jones and FlexLink their technological expertise to realize a turn-key pouching solution including primary packaging, cartoning, conveying and robotic palletizing.	<b>R.A JONES - FLEXLINK</b> <b>Autoprod CF-400: enhanced performance &amp; hygienic features</b>  Worried about product contamination? Looking for a cup filling and sealing system that provides the highest quality products and is easy to maintain? 3-A certified Autoprod CF-400 by R.A Jones is the answer.	<b>FLEXLINK</b> <b>Freeing up floor space, with FLEXLINK's Compact spiral elevator</b>  FlexLink's new Compact spiral elevator X85 is super compact and ideal for up and down elevation of small packaging boxes. Its high throughput solution ensures a gentle, continuous product flow.
1 PM				<b>FLEXLINK</b> <b>FoodTech: clean and efficient production flow systems</b>  FlexLink designs flow solutions that increase line OEE by identifying bottlenecks and relieving production pain points. FoodTech includes conveying solutions, handling functions and line control for food & dairy.
2 PM	<b>R.A JONES - FLEXLINK</b> <b>Autoprod CF-400: enhanced performance &amp; hygienic features</b>  Worried about product contamination? Looking for a cup filling and sealing system that provides the highest quality products and is easy to maintain? 3-A certified Autoprod CF-400 by R.A Jones is the answer.	<b>VOLPAK</b> <b>STANDCAP, a market-changing packaging solution</b>  A disruptive packaging solution, STANDCAP allows category leaders to breathe new life into established product categories and emerging brands to close sales at shelf. Clean & convenient, STANDCAP pouch has it all.	<b>VOLPAK - R.A JONES - FLEXLINK</b> <b>A Coesia line of innovation: pouching, cartoning and palletizing!</b>  Volpak, R.A Jones and FlexLink their technological expertise to realize a turn-key pouching solution including primary packaging, cartoning, conveying and robotic palletizing.	<b>MGS</b> <b>OEE enhancement?</b> <b>MGS STEALTH CT cartoner brings it!</b>  Stealth CT by MGS is a new flexible cartoner with improved HMI and a smaller footprint. With no-tool changeover and a new machine alert system, OEE improvement on your Pharma packaging line is guaranteed.
3 PM	<b>FLEXLINK</b> <b>FoodTech: clean and efficient production flow systems</b>  FlexLink designs flow solutions that increase line OEE by identifying bottlenecks and relieving production pain points. FoodTech includes conveying solutions, handling functions and line control for food & dairy.	<b>HAPA</b> <b>Production agility? Go digital with Web 4.0!</b>  With a future proof design and a fast artwork changeover, Web 4.0 by Hapa is the perfect digital printing solution to address production challenges and improve asset utilization.	<b>NORDEN</b> <b>NC300: perfection in every second</b>  The new state-of-the-art NC300 cartoner by Norden has been developed to empower the dreams of our Pharma customers, aiming at top class flexibility, ergonomics, changeover time and repeatability.	



# Innovation Stages.



Innovation stages are thirty-minute educational seminars on industry trends and technological developments, organized by PMMI with the participation of exhibitors. Our leading experts have been selected to take the following stage:



## Improving asset utilization in Pharmaceutical packaging

***Tuesday October 16th, 2 PM***

Healthcare Packaging Expo - Booth W-320

Let's investigate the factors that lead to sub optimal asset utilization in a Pharmaceutical packaging line. By reviewing the current steps being taken to manage complexity and improve operational excellence, we want to explore how digitalization and 'packaging 4.0' can enhance flexibility, raise yields, drive sales growth and profitability.



## Cup vs. Pouch: Is there a clear winner?

***Tuesday October 16th, 12 PM***

Pack Expo - Booth N-4570

Trends are telling you to move away from traditional cup packaging and to put your product into pouches. This presentation puts innovative cup and pouch packaging solutions up against one another to show that abandoning cup packaging altogether is potentially a big mistake.



## New hygienic equipment design & technology to safeguard your brand

***Wednesday October 17th, 11AM***

Pack Expo - Booth N-4560

One food borne illness can ruin your brand's reputation and become a PR nightmare for your organization. This presentation will expose you to new equipment design trends and smart detection technology – working together to mitigate risk associated with product contamination.



# Stand Overview.

- ACMA

1. CW 800
- CITUS KALIX

2. CRLA 20  
3. KX 603  
4. KP 600
- FLEXLINK

5. RC10  
6. X70X  
7. WLX  
8. COMPACT SPIRAL ELEVATOR
- HAPA

9. BLISTERJET 807 CMYK  
10. WEB 4.0
- MGS

11. IPP  
12. PULSE  
13. STEALTH CT
- NORDEN

14. RTL MN 902  
15. NC 300
- R.A JONES

16. CRITERION CLI-100  
17. AUTOPROD CF-400
- VOLPAK

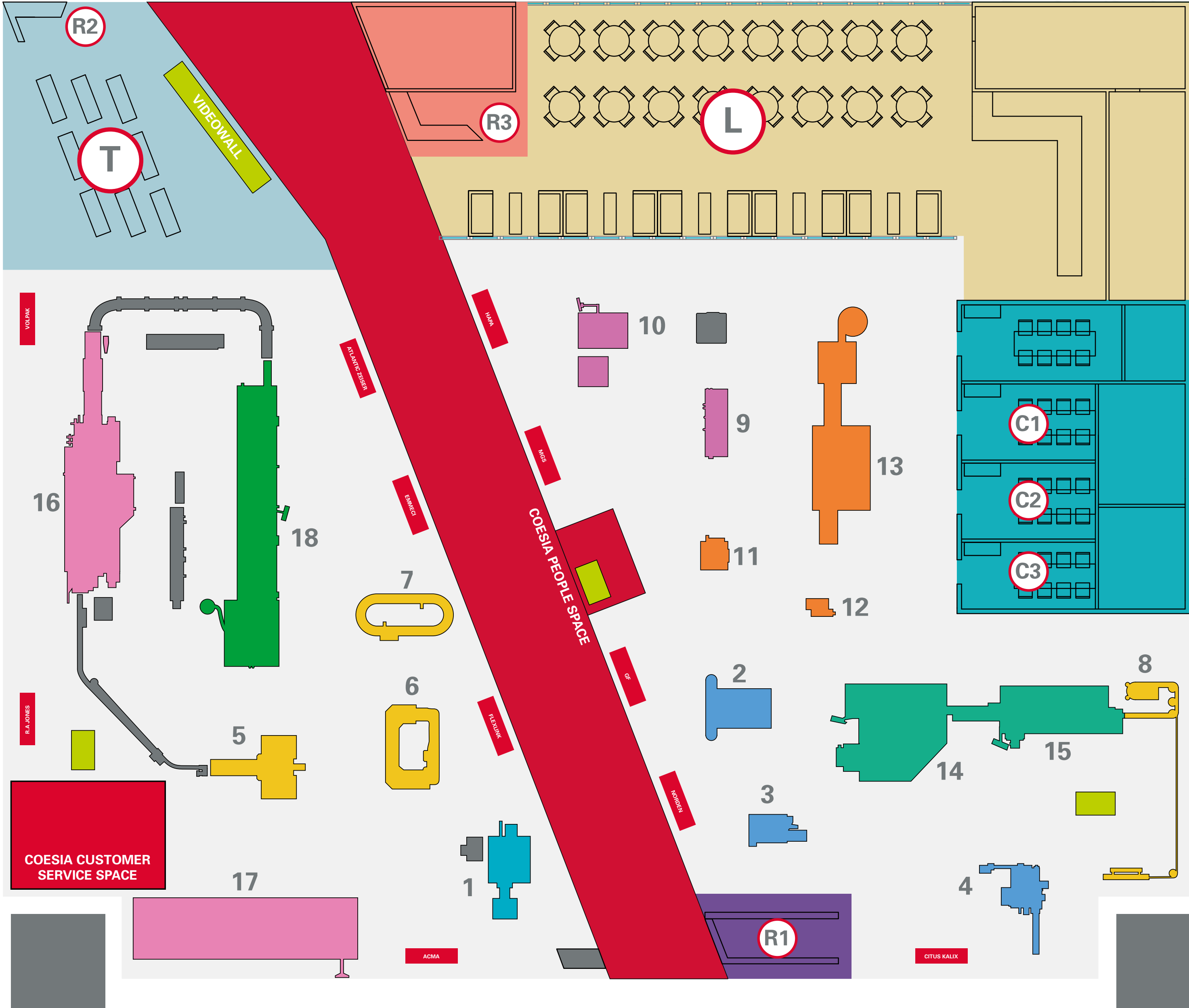
18. SI 280
- MULTIMEDIA SYSTEMS

**R - RECEPTION**  
R1. Reception 1  
R2. Reception 2  
R3. Reception 3

**L - LOUNGE/RESTAURANT AREA**

**C - ROOMS**  
C1. Room 1  
C2. Room 2  
C3. Room 3

**T - STAGES AREA**

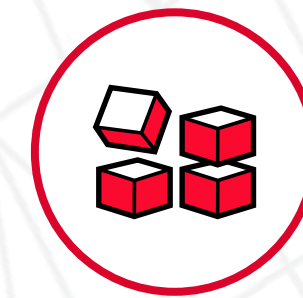




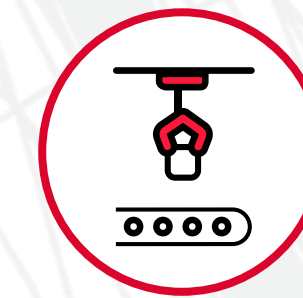
# We Offer Solutions for the Packaging Industry.

The Coesia Group offers a wide range of technologies developed by its Companies to meet the demands of customers operating in different sectors.

## Our Technologies Exhibited



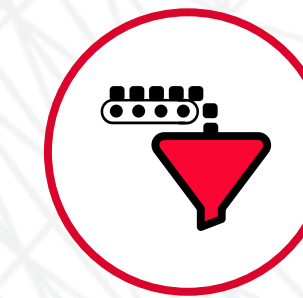
Assembly  
& Combining



Automated  
Production Flow



Cartoning  
& EOL



Feeding



Filling



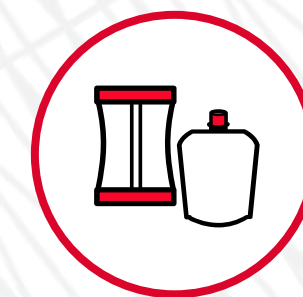
Making  
& Forming



Monitoring  
& Inspection



Packing  
& Wrapping



Pouching  
& Bagging



Printing

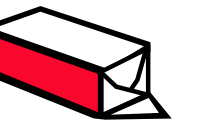


Printing  
& Labelling



Robotics





## Flexible, robust and easy-to-operate, for high wrapping performance.

Automatic indexed motion wrapping machine for spherical/egg shaped chocolate products with double twist or rolled aluminium style. Easy and fast style/size changeover. Ergonomic machine design to allow easy access for cleaning and during servicing. No product/no wrap and vice versa to save material/product and eliminate waste.

### Excellence points

- Flexibility
- Reliability
- Product quality







## Unlimited flexibility and surface effects in lipstick moulding.

Make standard jumbo, slim pencil and mini lipsticks at speeds of up to 20 pc/minute. CRLA 20 provides flawless technology with the possibility to create attractive or branded appearances such as motifs or logo embossing on the lipstick. The flexibility is unlimited with CRLA 20. With more than 150 lipstick machines running worldwide, Citus Kalix is recognized as the gold reference for surface effects, including shining, embossing and brilliance.

### Excellence points

- Super-fast changeovers without tooling: 5 minutes for a new color
- Flexibility: make a variation of lipsticks in one machine
- Easy maintenance and simple design makes this machine easy to operate, with stable setup during production







## A plug & play tube filler for enhanced simplicity.

The KX603 filling machine is designed to ensure the best user experience in the pharma and beauty industry. The machine is so simple that pretty much anyone can run it after a short introductory training. It is easy to disassemble without tools, which makes cleaning very simple. Changeovers are superfast, just 5 minutes for a new bulk and a mere 10 minutes for a new format. It also offers full stability of the setup during production.



### Excellence points

- Easy to operate
- Super-fast changeovers
- Reliable, simple design, and stable setup during production





## Ultimate product care in a compact-footprint cartoner.

KP 600 is recognized for its very high reliability. It is easy to disassemble, almost without tools. Changeovers are super fast, less than 10 minutes. The machine offers full stability of setup during production. KP 600 cartoning machine is widely known for very special care of the most delicate cartons and packed products. It offers a compact design and leaves only a small footprint in your factory.



### Excellence points

- Tool-free, super fast changeovers
- Special product care. The KP 600 is suitable for the most delicate cartons and packed products
- Convenient and compact design, leaving only a small square metre footprint

### PRODUCT TECHNOLOGY

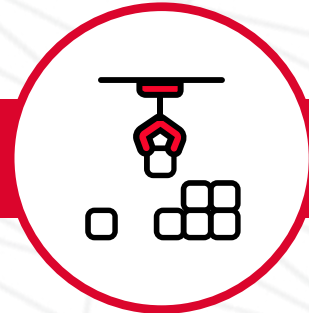
CARTONING & BOX FILLING

### INDUSTRIES

INDUSTRIAL GOODS  
PERSONAL CARE

PHARMA &  
HEALTHCARE





# The easiest answer to palletizing footprint issues.

The standardized palletizing cell is compact, quick to install and easy to configure. The use of a collaborative robot significantly reduces the footprint by over 50% compared to cells with industrial robots. No fence system or cage is needed.



## Excellence points

- Compact
- No fence system or cage needed
- Easy to relocate, install and configure
- Short lead time and global support

## PRODUCT TECHNOLOGY

PALLETIZING

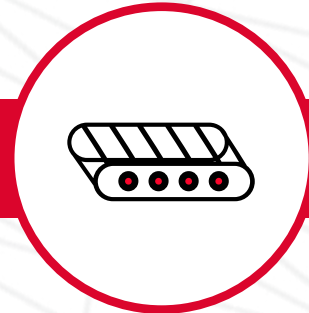
## INDUSTRIES

FOOD  
HOME CARE  
LUXURY GOODS

PERSONAL CARE  
PET CARE  
PHARMA &  
HEALTHCARE

TEA & COFFEE  
TISSUE & HYGIENE  
TOBACCO





# X70X, a clean and efficient conveyor for food and dairy.

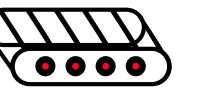
The new stainless steel conveyor system is clean, robust and modular to ensure you get full value from the equipment. The design follows a proactive approach to increase cleanliness, minimizing dirt pockets and maximizing rounded surfaces for better drainage.



## Excellence points

- Modular and compact
- Sturdy, robust design
- Easy to clean
- Quick to install
- High speed capable





## Hygiene guaranteed with 3-A certified, easy-to-clean WLX conveyor.

The wide belt conveyor system WLX is safe and clean, and reduces the total cost of ownership. It adheres to EHEDG and 3-A design guidelines and sets new standards for cleaning results and cleaning process times in the food industry. The modular belt conveyor is suitable for all industries where the requirements for hygiene and accessibility are particularly high – from primary to secondary packaging processes.

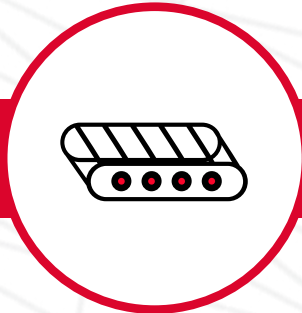
The WLX is the only 3-A qualified conveyor on the market.



### Excellence points

- For direct food contact
- 3-A qualified
- Easy to clean
- Standardized, easy to modify and expand
- Low cost of ownership





## Space floor optimization and small footprint with compact spiral.

The Compact spiral elevator gives you increased access to the production floor and the possibility to transport goods vertically, bridging the differences of height. The footprint is 40% smaller than market average and the spiral is installed within a few hours.



### Excellence points

- Compact
- Easy to install
- Short lead time





## Late stage customization on Pharma lines, for enhanced production agility.

The BlisterJet CMYK is the market's first sealed-blister printing system to print graphics and text in a full-color, CMYK application. The innovation creates unrivaled opportunities in product design, differentiation and finishing. It increases blister line utilization, production agility, and faster throughput time for small volumes.



### Excellence points

- CMYK or spot color printing on blank, sealed blisters
- Reduction of waste and finished-goods inventory
- Product differentiation for postponement production





## Industry 4.0-ready digital printing platform to improve asset utilization.

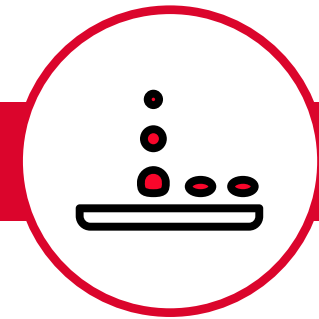
The highly flexible and modular Web 4.0 can easily be integrated into existing packaging lines or operates roll-to-roll. Fully ready for Industry 4.0, the system is future-proof, uptime-friendly, and connects seamlessly with digital workflow. Thanks to an integrated digital printing module, which can be scaled if desired, the Web 4.0 can be expanded from one to up to six spot colors or WCMYK plus lacquer.



### Excellence points

- High resolution, multi-colored text and graphics
- Integrates with digital ERP/workflow
- Future-proof, scalable platform





## Digital, single-color packaging-printing system for blister-lidding foils.

The WebJet is a fully digital piezo inkjet printing system. Using modern, solvent-free UV-curing inks, it prints one color on web materials including aluminum foil, paper, PVC and Tyvek. The system is easily integrated onto any continuous or intermittent motion packaging machine, making it ideally suited for use within a pharmaceutical environment.



### Excellence points

- Compact
- Easily integrated onto continuous or intermittent motion packaging machines
- Artwork changeover without tools or cleandown

**PRODUCT  
TECHNOLOGY**

DIGITAL PRINTING  
PRINTING & LABELING

**INDUSTRIES**

PHARMA &  
HEALTHCARE

## PRODUCTION AGILITY? GO DIGITAL!



**OPTIMIZED  
FOR UPTIME**



**FUTURE-PROOF  
FLEXIBILITY**



**HIGH RESOLUTION**



### HAPA WEB 4.0 THE PERFECT DIGITAL PRINTING PLATFORM TO MEET YOUR FUTURE CHALLENGES.

Developed for in line printing on pharmaceutical packaging lines, Hapa Web 4.0 uses OPC UA and incorporates diagnostic capabilities that make it a perfect fit for Industry 4.0 challenges. Digital workflow is managed effortlessly and high quality print is assured via self-maintaining 720 dpi DOD print technology.





# Small Footprint Cartoner. Big OEE Improvement.

MGS is a trusted leader in pharmaceutical secondary packaging now with a flexible cartoner with a unique patent pending user interface that will increase your packaging line OEE. We have the in-house capabilities to handle your complex components as well as line integration and a single site FAT. Our PMP certified Project Managers will see to it your project is delivered on time and will meet your requirements. Our industry leading validation support documentation will insure for a vertical startup.

## Excellence points

- Small footprint
- Validation document support
- Print/vision for serialization inside of machine (optional)



## PRODUCT TECHNOLOGY

CARTONING & BOX FILLING

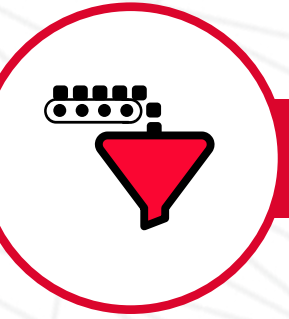
## INDUSTRIES

ELECTRONICS  
FOOD  
HOME CARE  
INDUSTRIAL GOODS

NEXT GENERATION  
PRODUCTS  
PERSONAL CARE  
PET CARE

PHARMA &  
HEALTHCARE  
TEA & COFFEE  
TOBACCO





## Patented Friction Feeder Saves You Time.

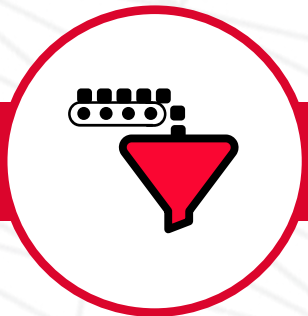
With a patented design that allows unprecedented machine access, the MGS Pulse friction feeder offers standard servo drive and touchscreen HMI controls. No tools are required for changeover and belt changes are done quickly with no disassembly of the machine.



### Excellence points

- Quick Release features allow operator to remove belts without the use of tools.
- Easy access to perform machine setup or clear product jams.
- Quick and easy product changeover means less downtime and greater machine efficiency.





# Versatile Pick 'n Place<sup>®</sup> feeding trays.

The MGS IPP has been an industry workhorse with thousands of fielded machines. This robust design is ready for your washdown production line. With fast and repeatable intermittent motion, the IPP feeds trays that most find difficult to handle.



## Excellence points

- Speeds up to 70 cycles per minute. Multiple magazine formats will increase speed.
- Standard air cylinder drive is virtually maintenance free.
- Versatile vacuum feeders for many applications.





# Future-proof flexibility to revolutionize the tube filling world.

The NM 902 is able to handle a wide range of tube sizes, from 10 mm to 50 mm, whether they are plastic, laminate, or aluminum. This tube filling machine from Norden comes with a full complement of options and upgrades to suit your needs, both today and as your production needs grows.



## Excellence points

- Suitable for clean room production, with Audit Trail, and other pharma options
- Efficiency – designed to operate 24/7
- User friendly interface with line status information and on screen statistics

### PRODUCT TECHNOLOGY

COSMETICS FILLING  
MONITORING & INSPECTION:  
TRACK & TRACE

STERILE & NONSTERILE FILLING  
TUBE FILLING  
VISION INSPECTION

### INDUSTRIES

FOOD  
INDUSTRIAL GOODS  
PERSONAL CARE

PHARMA & HEALTHCARE





## Meet the new cartoning champion of flexibility, efficiency and simplicity.

The brand new state-of-the-art cartoner NC300 from Norden is a cartoner specially developed to meet the needs of our customers, with special focus on flexibility, ergonomics and changeover both in terms of time and repeatability. The NC300 meets today's and future requirements for pharmaceutical production, but is also designed for both cosmetic and toothpaste. It offers Perfection in Every Second.



### Excellence points

- Flexibility: leading edge and trailing edge carton – switch in 5 minutes between different carton prints
- Efficiency: speed up to 300 cartons per minute and super-fast changeovers
- Simplicity: A loading height of 1100 mm offers better ergonomics for the operator, as well as full access to vital machine areas





## Enhanced performance & guaranteed hygiene with 3-A certified cup filling and sealing system.

R.A JONES extends Autoprod's legacy of quality and performance by introducing the new CF-400 cup filling system. Designed for multiple industries, the Autoprod CF-400 includes various performance enhancing and patent pending technologies engineered to significantly improve sanitation and OEE.

- Fills and seals cups, tubs and trays of various sizes and materials
- Certified to 3-A sanitary standard 23-06, Packaging Machines for Viscous Product
- Revolutionary fully-enclosed, asymmetric frame, cantilevered stations and sloped canopy
- Precision endless pocket drive belt replaces traditional chain driven solution
- Patent pending sealed rotary drive mechanism for sanitary station movement
- Vision and verification systems for product quality
- Pulsed light sterilization of cups and lids
- Pick and Place lidding with conduction heat seal



### Excellence points

- Improved sanitation: 3-A certified to standard 23-06
- Improved performance: precision movement and quality verification systems for automated product quality
- Designed with ease of maintenance: better accessibility and maintenance friendly features

### PRODUCT TECHNOLOGY

COSMETICS FILLING  
CUP FILLING  
STERILE &  
NONSTERILE FILLING

### INDUSTRIES

DAIRY  
FOOD

PERSONAL CARE  
PHARMA &  
HEALTHCARE





# Adaptable for a wide range of carton sizes and pack configurations.

The CLI/CMI Series cartoner has a compact footprint to fit in those tight spaces on your packaging floor. It also uses the latest technology to control all critical machine functions providing maximum flexibility, performance and reliability. Multiple types of product collation and transfers are available for this machine, including a variable pitch bucket conveyor for simple and flexible product control. Upgradeable changeover and centerlining capabilities with Acc-U-Change™ are available to enable you to achieve today's vertical start-up requirements.

## Excellence points

- Intermittent motion with enhanced technology for flexibility
- Largest range of carton size capability with multiple types of product collation and transfers available
- Quick and repeatable changeovers with Acc-U-Change™



## PRODUCT TECHNOLOGY

CARTONING & BOX FILLING

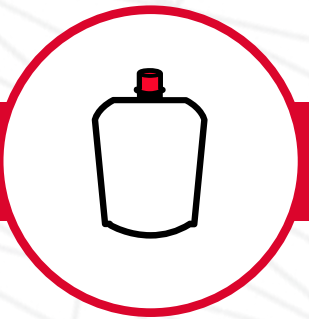
## INDUSTRIES

FOOD  
HOME CARE  
PERSONAL CARE

PET CARE  
PHARMA &  
HEALTHCARE

TEA & COFFEE  
TISSUE &  
HYGIENE

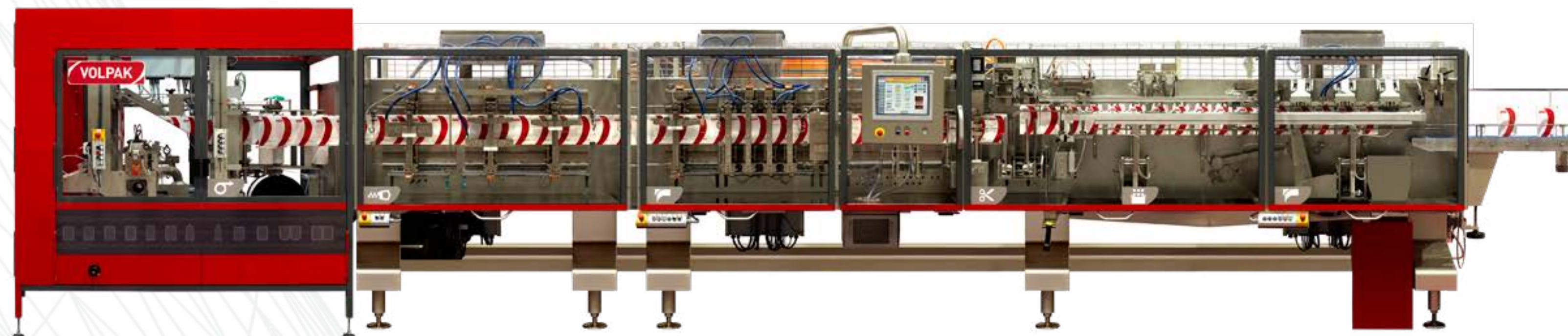




## SI series: flexible and versatile, connecting pouching to the future.

Discover the new Volpak SI Series. The most versatile and flexible Horizontal Form-Fill-Seal (HFFS) machine in the market, ready for recyclable materials, with larger pouches capabilities and smart factory connectivity.

Thanks to Volpak SI Series you can take your business into the future.



### Excellence points

- Smart with asset performance evaluation, central data storage, web-based self-diagnosis system and plug & play interconnectivity
- Versatile, with throughputs of 360ppm from flat to stand-up pouches (up to 3000ml)
- Recyclable material ready. Designed to run with a wide range of different materials: paper based, mono-materials
- Quick size change with automatic regulations for unskilled operators
- Adaptability to new packaging designs, shapes, corner cap retrofit, top cap retrofitting

### PRODUCT TECHNOLOGY

HORIZONTAL FLAT POUCHING  
HORIZONTAL STAND-UP POUCHING

### INDUSTRIES

BABY FOOD  
BEVERAGE  
CHEESE (GRATED)  
CONFECTIONERY  
DRY PET FOODS

HOME CARE  
OILS & FATS  
PHARMA  
PROCESSED FRUITS  
RETORT FOOD

SAUCES & CONDIMENTS  
SNACKS  
WET PET FOOD  
YOGHURT



# Coesia Integrated Line: pouching, cartoning and palletizing.

Volpak, R.A Jones and FlexLink combine their technological expertise to realize a turn-key pouching solution including primary packaging, cartoning, conveying systems and robotic palletizing.



**SI 280**



**Criterion CLI-100 IM**



**RC10**



Check out Volpak's new SI-280 HFFS machine, R.A Jones' new Criterion CLI-100 intermittent cartoner, and FlexLink's enhanced RC10 palletizing solution, all integrated together.

The end result? A shelf-ready display of amazing pouches.





**DISRUPTIVE**  
Category changing



**CONVENIENT**  
Easy to hold & squeeze



**CLEAN**  
Controlled dosing

# STANDCAP

## SOMETIMES TO STAND OUT YOU HAVE TO FLIP YOUR PERSPECTIVE!

The innovative **STANDCAP** is an easy-to-use lightweight pouch providing mess-free dispensing, and instant shelf impact.

In eye-tracking studies, **STANDCAP** was noticed by shoppers 40% faster and looked 53% longer than rigid packages.

**STANDCAP** pouch is the best way to renew your brand image, extend your presence, or give a boost to your market category.

Discover more on  
[www.coesia.com/standcap](http://www.coesia.com/standcap)





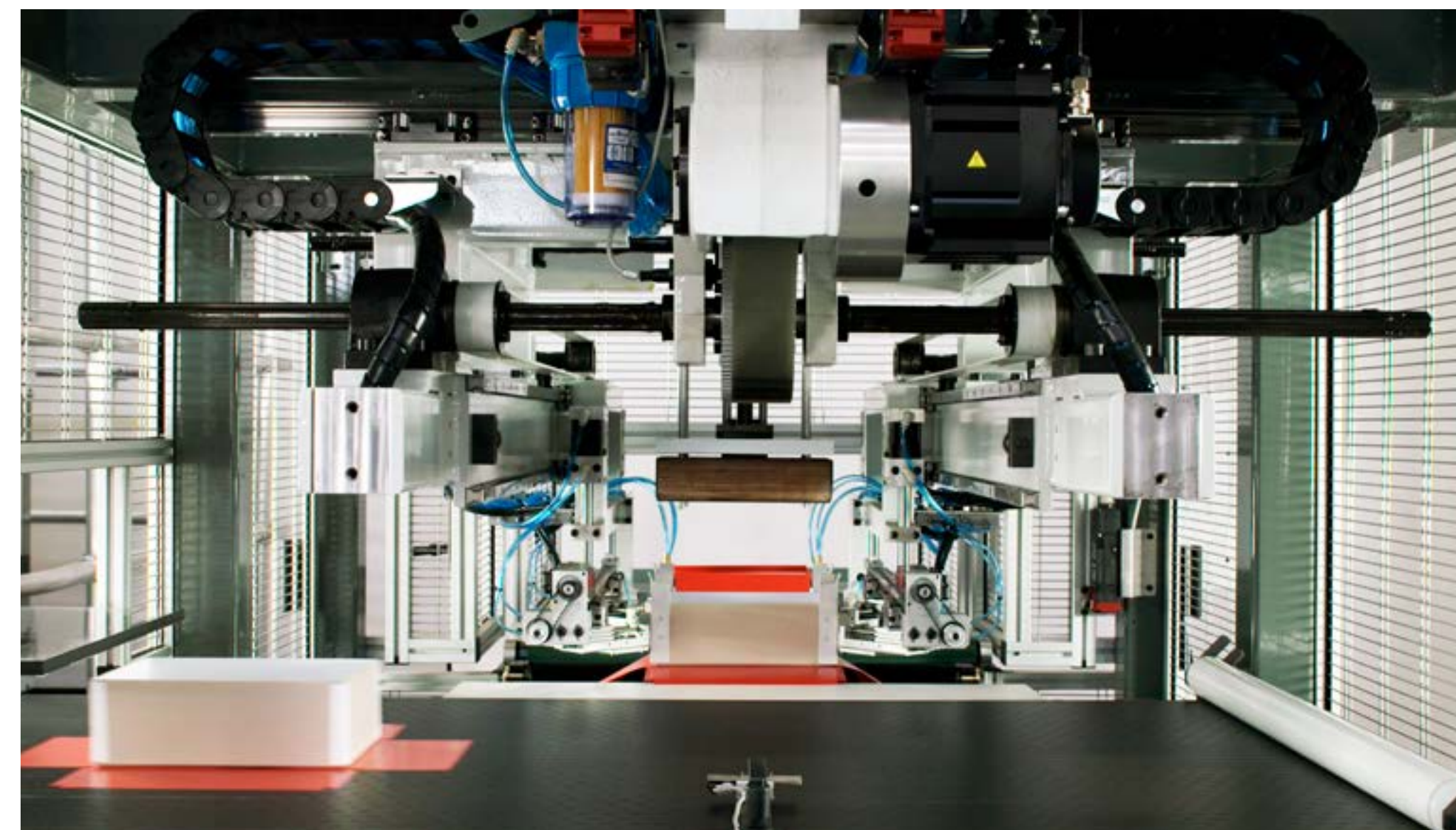
## LUXURY PACKAGING SOLUTIONS: EMMECI DIGITAL.

Emmeci is the world market leader in the designing, producing, installing, and servicing of automated equipment for the production of rigid set-up boxes and turned edge products using advanced technical paper manufacturing.

Thanks to digital technology, Emmeci is proud to offer to its customers top quality services, linked to flexibility, high performance, interconnectivity and user-friendliness.

The primary markets served by Emmeci include luxury packaging, electronic devices, retail gift sets, wine and spirit boxes, promotional packaging, clothing apparel boxes, cosmetics boxes, confectionary boxes, board game and entertainment market boxes and also cylindrical boxes.

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





## CUTTING-EDGE SOLUTIONS FOR THE PHARMA MARKET.

GF, market trend-setter in the inspection field for pharma, confirms its leading position thanks to the launch of new A&V NG and Bag Inspection machines.

The high-speed, compact, and modular A&V NG platform is developed to process ampoules, vials, cartridges, and syringes filled with injectable products, as ALL-IN-ONE solution.

The new high-speed Bag Inspection Machine, developed to process soft bags, offers the ideal solution to ensure parenteral products are essentially free of foreign particles.

Meanwhile GF enlarges its wide range of filling lines with the recent ophthalmic and ISBM fillers while strengthening the well-known liquid filling systems for vials, ampoules, cartridges, and syringes.

GF, your partner in Pharma Technology.

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





# Customer Service.

**Coesia offers comprehensive and flexible service packages to support customers during their day-to-day production activities and extend the lifetime of their equipment, which also contributes to reducing their environmental impact.**

Customer loyalty is the most fruitful investment for the future.

This is why Coesia is committed to offering excellent after-sales service, which is a key success factor for all the Companies of the Group.

Customer service means being present at a global level, providing flexibility, simplicity and continuous support.



## PARTS AND MATERIALS

A reliable supply of high quality spare parts and components, especially designed for all equipment types and generations to ensure a smooth, uninterrupted production process. The recently reshaped **Coesia Webshop**, our e-business platform, makes it easier and faster for our customers to order spare parts and components



## MAINTENANCE SERVICES

Our highly specialized field service technicians are ready to assist our customers with equipment inspection, testing and troubleshooting, definition of spare part lists and normal maintenance work. In close collaboration with our customers, they can also develop and implement regular and preventive maintenance plans to secure equipment performance over time.



## EQUIPMENT MODERNIZATION

Our modernization services help our customers enhance equipment's productivity and reliability, improve product quality, reduce maintenance costs, meet regulatory standards and add new functionalities. From standard technical upgrades to complete machine rebuilds, high levels of performance are recovered and customer's investment is protected over time.



## TRAINING AND DOCUMENTATION

Customized training programs and technical documentation in various languages help our customers develop in-house technical competence, and therefore ensure high levels of performance, quality and productivity. Competence development is organized according to specific needs, and can take place at our premises or at the customer's facility.



## CONSULTANCY

Thanks to our wide experience in many applications, we can offer our expertise to help our customers identify improvement opportunities and implement good industrial practices, in order to achieve world-class levels of quality and cost-effective productivity.



## PRODUCTION SUPPORT SERVICES

We are committed to providing our customers all over the world with customized, fast and effective technical support during equipment installation, commissioning, production ramp-up and full-scale operations. Our field service technicians are equipped with high-tech remote assistance tools to guarantee an effective support anywhere in the world.



# Customer Service.

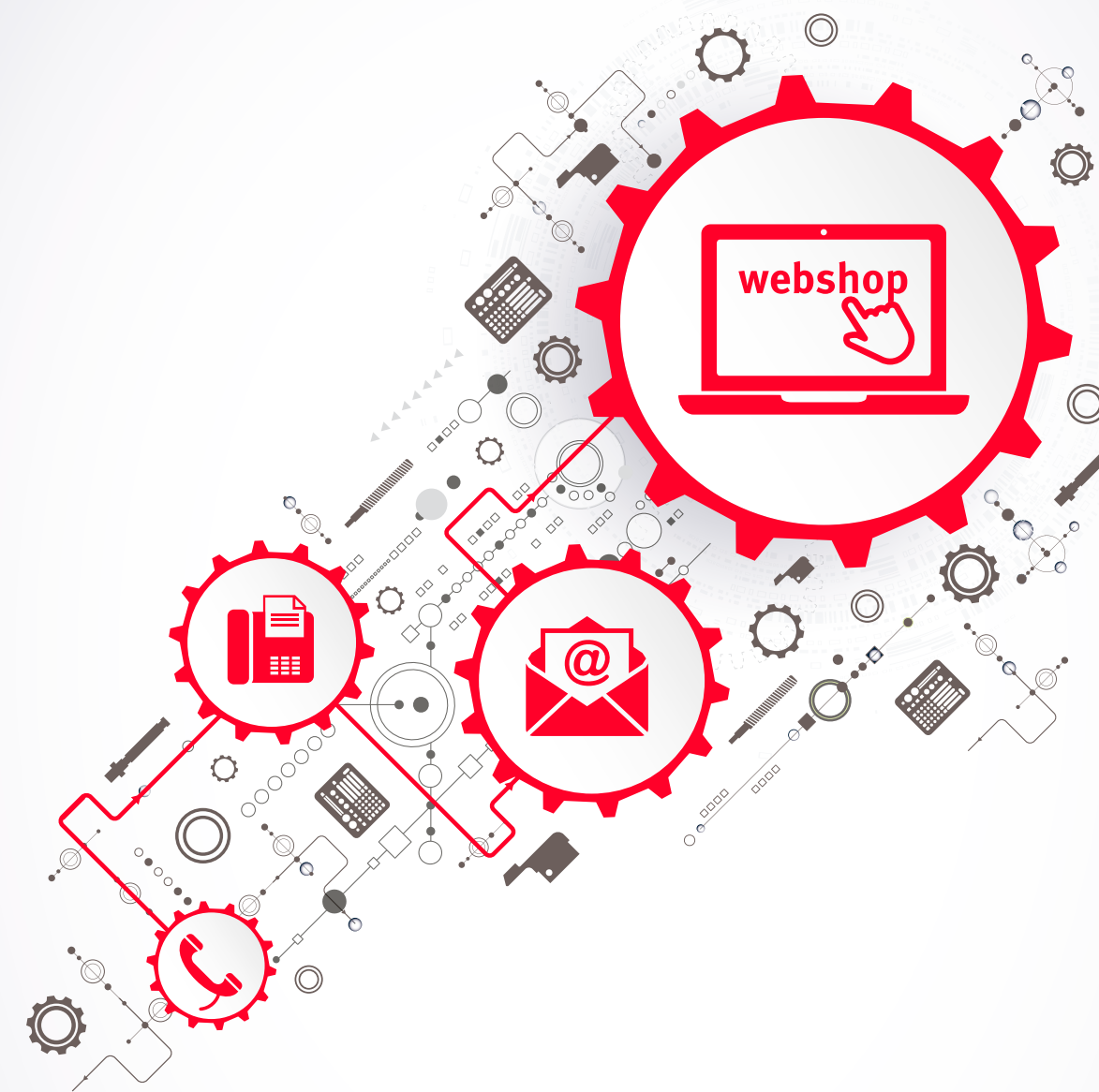
Our customer service specialists are present at Pack Expo to show you the Coesia technical solutions to support your business.



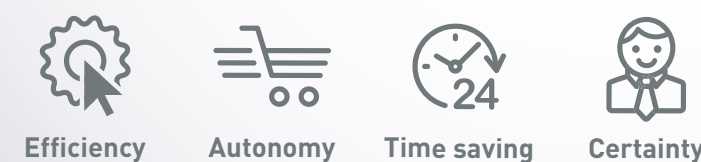
Our newly shaped **Remote Assistance** service is designed to better support our customers when they face unexpected technical issues.

Using modern technology for online collaboration and augmented reality, our technical experts can easily get connected with our customers for a faster diagnosis, troubleshooting and real-time sharing of technical documentation. A significant reduction in equipment downtime, and an important reduction in unnecessary costs for our customers.

## Click is the new quick.



**Discover Coesia Webshop.**  
An easier, faster and more efficient way to manage your spare parts ordering.



**coesia**  
webshop

**Coesia webshop** is an easier, faster and more efficient way to manage your spare parts ordering, thanks to a tailor-made online platform.

A clear interface, a photo catalogue, and the opportunity to search and select your components in multiple ways (like uploading existing lists) make the Coesia webshop extremely user-friendly.



# Making a difference for our customers.



R&D is essential for providing products and solutions that offer unique benefits to customers.

The Coesia commitment to R&D is evident from its history. Today, it is continuing to make significant investments in the future; through the Coesia Engineering Center, the companies, and cooperation with customers and leading technology institutes.

## Coesia Digital

**More efficient and reliable solutions can also be achieved by taking advantage of the newest digital technologies.**

To keep offering customers cutting-edge products and services, Coesia is exploring the fields of connectivity, big data analytics, line and machine intelligence, digital-to-physical conversion, robotics and artificial intelligence - while prioritizing cyber security.

In order to fast-track the digital transformation plan and develop stronger partnerships with our customers and suppliers, Coesia has set up a multi-functional team to leverage internal strengths and synergies, to ensure that customers' needs for Customization, Optimization, Efficiency, Simplicity, Intelligence and Agility are fulfilled through its state-of-art innovations.



# Multimedia tools.

## Interactive videowall



**Experience** machines in a 1:1 scale view.



**Explore** the Coesia portfolio of machines and systems through our virtual store.



**Take part** in booth events: every day Coesia experts live on our video wall stage at our booth, presenting the latest technological developments.

## Touch table



**Surf** through our 3 interactive stations on the booth: discover our group and the most suitable solution for your business and talk with the Coesia company who can help you best.



# Coesia invests in People.

Working in Coesia means being part of an international reality which always looks for talented collaborators.

Every day, we are committed to growing our people around the world. We do this with highly qualified development initiatives, in collaboration with the best consulting firms and international business schools. The approaches used are innovative and modern, and in tune with the context of reference and our business strategy.

Coesia is always careful to reinforce the link between business results and the contribution that each person can make to the organization. It supports a continuous dialogue between managers and collaborators, the sharing of a merit culture and the recognition of individual achievements.

The Group is always ready to offer personalized, structured career opportunities to candidates.

## AT PACK EXPO - Coesia Booth / People Corner.

We're committed to meeting and informing all talents in the industry to find the best candidates for the US market.

So whatever your level, from apprentice to professional, we want to hear from you. Together, we can harness your skills, reward your passion and make the most of your tomorrow.



**DEVELOPING THE  
POTENTIAL OF OUR  
PEOPLE**



**DEVELOPING  
PROFESSIONAL GROWTH**



**GIVING VALUE TO MERIT  
AND COMPETENCES**



**ALWAYS IMPROVING  
PROCESSES AND MEANS  
OF DEVELOPMENT**



# Group Profile.

The Coesia Group offers a wide range of technologies developed by its Companies to meet the demands of customers operating in different sectors.

The Coesia Companies are structured according to the following three main business lines.

## ADVANCED AUTOMATED MACHINERY AND PACKAGING MATERIALS



Manufactures packaging machinery for confectionery, soap, tea, coffee and liquid products.  
[www.acma.it](http://www.acma.it)



For over 70 years, Cerulean has been synonymous with the manufacture and supply of quality, process control and measuring instrumentation for the Tobacco industry and packing and testing equipment for tube manufacturers.  
[www.cerulean.com](http://www.cerulean.com)



Manufactures lipstick fillers, hot filling machinery for creams and foundations, deodorant and tube fillers, cartoning machinery and feeding equipment.  
[www.citus-kalix.fr](http://www.citus-kalix.fr)



With a wealth of experience gained over the last 44 years, Comas Tobacco Machinery is the world leading supplier of tobacco primary equipment and processing solutions Comas is headquartered in Silea, Treviso (Italy).  
[www.comasitaly.com](http://www.comasitaly.com)



Leading supplier of high-technology machinery for cigarette making and packing.  
[www.gidi.it](http://www.gidi.it)



GDM is a worldwide leader in the Hygiene Disposable Industry, committed to providing innovative converting and packaging solutions for the manufacturing of baby diapers, baby pants, adult incontinence briefs and sanitary napkins.  
[www.gdm-spa.com](http://www.gdm-spa.com)



Leading provider of automated machinery for liquid filling and quality control systems for the pharmaceutical sector.  
[www.gfe.it](http://www.gfe.it)



Provides complete solutions for the aseptic packaging of liquid products in multilayer structure.  
[www.ipi-srl.com](http://www.ipi-srl.com)



Designs and builds state of the art packaging automation solutions with core competencies in secondary packaging, serialization and product handling. Industries of focus are pharmaceutical, life sciences, food and cosmetics.  
[www.mgsmachine.com](http://www.mgsmachine.com)



Molins has been a leading company in the tobacco industry for over 100 years and specializes in the design, development and manufacture of secondary tobacco processing machinery, mainly mid-speed cigarette makers, packers and handling equipment.  
[www.molins.com](http://www.molins.com)



Leading supplier of high-performance tube filling systems, covering all speeds and applications in cosmetics, pharmaceuticals, toothpaste and food.  
[www.nordenmachinery.com](http://www.nordenmachinery.com)



Produces packaging machinery for food and consumer goods: pouch filling and cartoning, chub packaging, cup filling and sealing, aerosol machinery, bottle filling and patented solutions for improving shelf life.  
[www.rajones.com](http://www.rajones.com)



Manufactures production and packing lines for the tobacco industry.  
[www.sasib.com](http://www.sasib.com)



Produces packaging lines for horizontal form-fill-seal (HFFS) pouches for food, beverage, personal and home care products.  
[www.volpak.com](http://www.volpak.com)

## INDUSTRIAL PROCESS SOLUTIONS



Systems for in-line digital printing for pharma, packaging and credit card personalization. Atlantic Zeiser is headquartered in Emmingen (Germany).  
[www.atlanticzeiser.com](http://www.atlanticzeiser.com)



Leading provider in the design, production and promotion of automatic machinery and packaging solutions for premium and luxury products.  
[www.emmeci.it](http://www.emmeci.it)



A leading factory automation expert and provider of innovative, automated solutions to produce goods smarter and safer at a lower operating cost. Main customer industries are the automotive, electronics, healthcare and fast moving consumer goods industries. Produces conveyor systems, material handling functions and industrial feeders and delivers turn-key solutions including controls and standardized robotics.  
[www.flexlink.com](http://www.flexlink.com)



Manufactures market-leading on-demand and late-stage customization printing systems for the pharmaceutical industry, with dynamic growth in fast moving consumer goods, food, cosmetics and medical industries.  
[www.hapa.ch](http://www.hapa.ch)



Designs complete lines in the packaging machinery industry, refurbishes and retrofits existing customer machinery.  
[www.sacmo.com](http://www.sacmo.com)



Special inks for industrial digital printing. Tritron is headquartered in Battenberg (Germany).  
[www.tritron.eu](http://www.tritron.eu)

## PRECISION GEARS



Has been producing power trains and high-performance gear transmissions for over 50 years, it is a supplier to many racing teams.  
[www.cimaingranaggi.it](http://www.cimaingranaggi.it)



# Follow the Pack Expo event with Coesia on our social networks:

