



**ACMA SMART HANDLING SOLUTIONS**

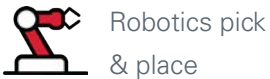
**ROBOTIC DISTRIBUTION**



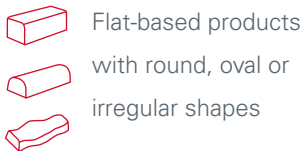
# ROBOTIC DISTRIBUTION

Flexible pick & place system from random flow to single-line continuous flow.

## TECHNOLOGY



## PRODUCT TYPE HANDLED



## TECHNICAL FEATURES

- High flexibility line that can handle random products orienting and aligning them into a single continuous flow
- Two pick & place robots with an intermediate buffer for maximum product flow continuity
- Initial identification of product shape and orientation via a 3D laser vision system
- Product orienting in the correct direction thanks to the rotating suction cups of the first robot head
- High flow process visibility thanks to full transparent safety panels
- Modular design to allow different inputs and outputs directions
- Compact footprint due to the possibility of sharing the electrical panel with the downstream machine
- Single point HMI controls on the wrapping machine
- Easy to clean infeed and outfeed belts
- Gentle product handling via soft rubber suction cups

## EXAMPLE OF APPLICATION

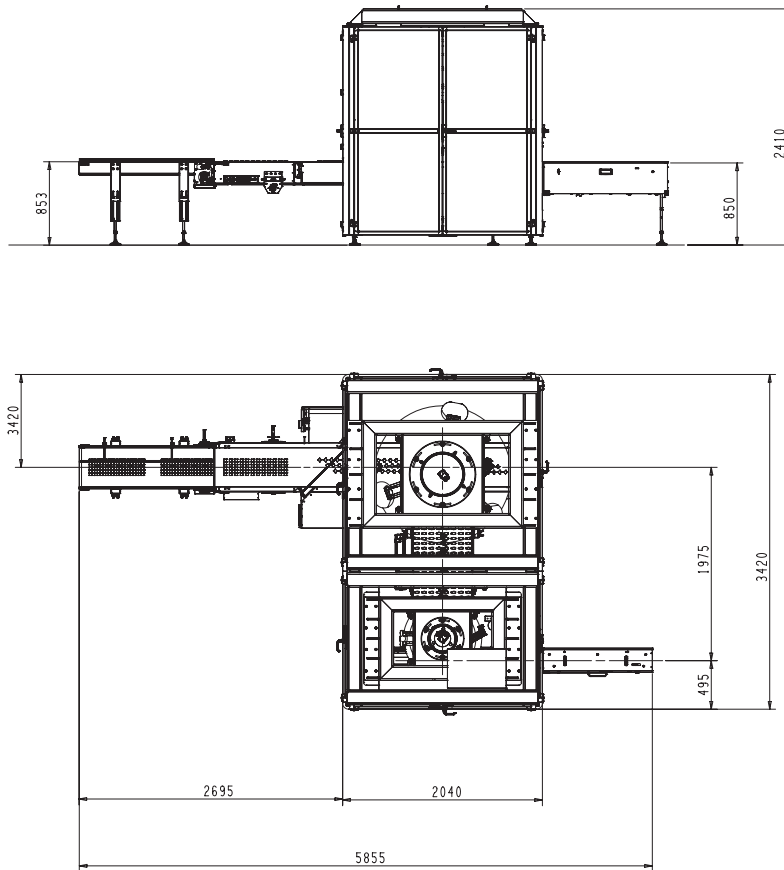
Single pick & place with CW 600

Multiple pick & place with CW 600



# TECHNICAL DATA

## ROBOTIC DISTRIBUTION

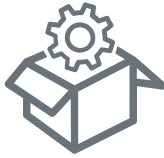


<b>Max product cadence for single picking head</b>	up to 100 ppm
<b>Max product cadence for multiple picking head</b>	up to 1000 ppm
<b>Number of products picked per each multiple picking head</b>	up to 16 products (depending on customer's needs)
<b>Installed power</b>	3kW
<b>Compressed air</b>	200 NI/min
<b>Weight</b>	4000 kg





# CUSTOMER SERVICE



## PARTS AND MATERIALS

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

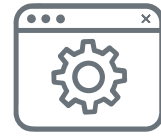
- Spare parts
- Repairs



## 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



**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, powders and bars)
- **Tea and coffee**

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

## Testing new materials: the Sustainability Lab

Started in February 2021, the Sustainability Lab is **the beating heart of ACMA's roadmap for a sustainable future**. While innovation through new packaging formats concerns design, this initiative focuses on new materials. Specifically, the project revolves around the creation of a flow in which new sustainable materials proposed by customers and material suppliers can be tested and their performance verified on ACMA's machines.

Understandably, this kind of pursuit is much more experimental than exploring new packaging formats. Because of this, the Sustainability Lab is **very R&D focused**, so it doesn't simply cater to traditional customers, but also to material manufacturers, as it offers consulting services in addition to ACMA's usual portfolio of services and products.

The Sustainability Lab's methodology is as follows: first, ACMA evaluates whether the material is worth testing - in other words, if the material is compliant with the requirements of the Sustainability Lab. Then, it carries out field studies and sample size testing, so as to measure the delta in performance between the new material and the current best in class. In this second phase, numerous exams are conducted in order to confirm the results, such as:

- Traction test
- Physic-chemical comparative analysis
- Brugger test
- Peeling test
- Weldability test

If all these tests are satisfactory, the material is finally tested on ACMA's Machines

**ecoesia**

A WORLD OF **SUSTAINABLE** SOLUTIONS



## NOTE

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## coesia

### coesia companies

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

[coesia.com](http://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 coesia.com Goods, Pharmaceutical, Recing & Automotive and Tobacco.



a coesia company

## ACMA Headquarter

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