



ACMA SMART HANDLING SOLUTIONS

CAROUSEL



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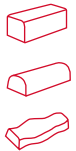
Automatic inspection and re-orienting system for flat based products.

TECHNOLOGY

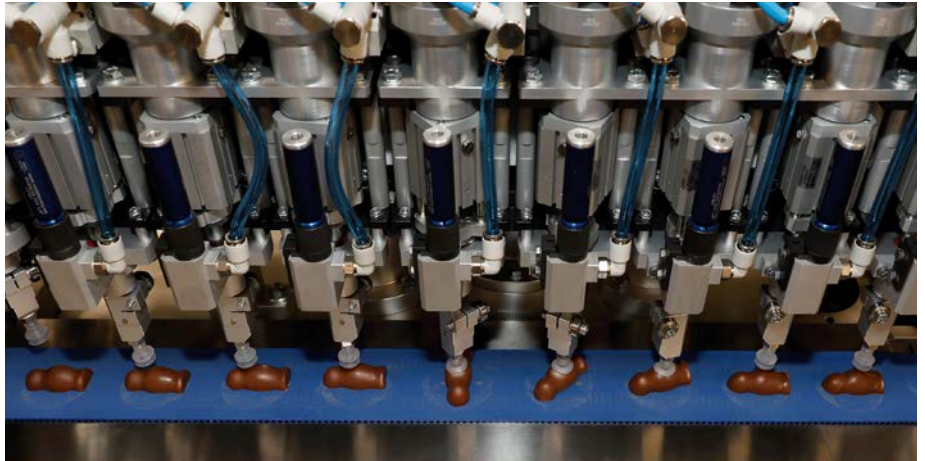


Robotics pick
& place

PRODUCT TYPE HANDLED



Flat-based products
with round, oval or
irregular shapes



TECHNICAL FEATURES

- Automatic infeed re-orienting system for symmetric, asymmetric or particular shapes
 - Double-duty camera control: product shape control and orientation control
 - Identification of product front and back based on surface features even with symmetric shapes
 - Automatic reject system in case of failed re-orientation or out of shape product
 - No touch infeed for gentle product handling and better alignment
 - Pass-through products with no further manipulations in case of correct orientation
 - Compact design for better space efficiency
 - Quick changeover for different product types and shapes
 - Ease of cleaning and direct access to the internal parts
 - Single point HMI access together with the wrapping machine
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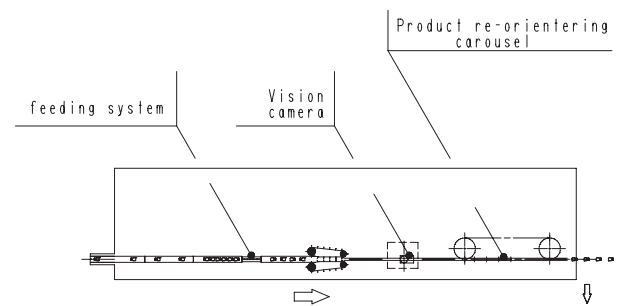
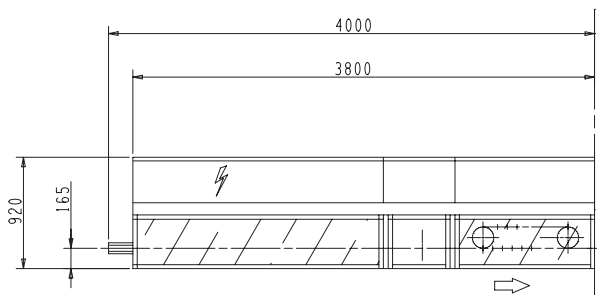
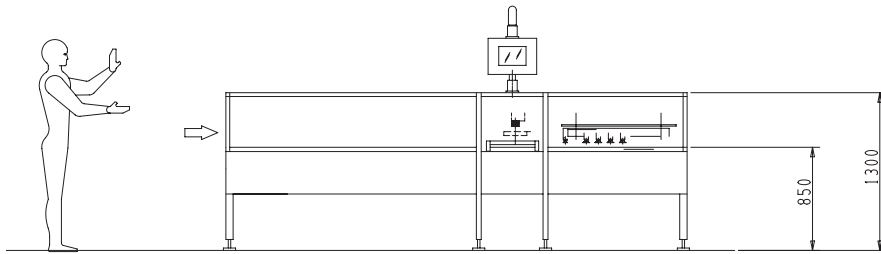
EXAMPLE OF APPLICATION

CW 600 with Carousel



TECHNICAL DATA

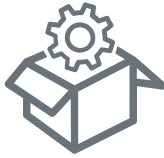
CAROUSEL



Max product cadence	600 ppm
Max belt linear speed	60 m/min
Installed power	3kW
Compressed air	500 NI/min
Weight	1000 kg



CUSTOMER SERVICE



PARTS AND MATERIALS

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

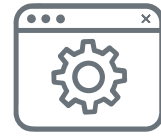
- Spare parts
- Repairs



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



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

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

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