

Capacitors Productions Solutions

The Italian Tailor of Capacitors Automation



Capacitors

Total Manufacturing Solution for Capacitors Productions

Solution Portfolio

Customized Automation | IDEAS 100% Made in Italy



Table of Contents

01 Table of Contents

02 Who We Are

03 Solution for

04 Portfolio

05 Technologies

06 Where





Who We Are

We produce tailored automation for the total process of CAPACITORS PRODUCTION.

Our Capacitors division represents our most well-established tradition – we are the worldwide leader in the production of “stand alone” machines as well as complete lines, for the entire production process of the capacitor.

We pay attention to technological development and alongside technically consolidated machines, we have also developed innovative solutions . |

For over 35 years we have been involved in the design and construction of special automatic machines. Our superior added value comes from continuous experience in international markets around the world and a strong corporate culture. The extensive collaboration and technical assistance already in the development phase of the product to be assembled, during the various phases of project development, installation at the customer, after-sales assistance, guarantee the best result for your future projects.

In many cases, these applications allow a drastic reduction of changeover times and a consequent reduction in setup times between one production batch and another, and above all, great flexibility in the management of the product range to work with.

Our range of proposed solutions covers, with the exception of winding, the entire production process of capacitors, in all shapes and sizes.

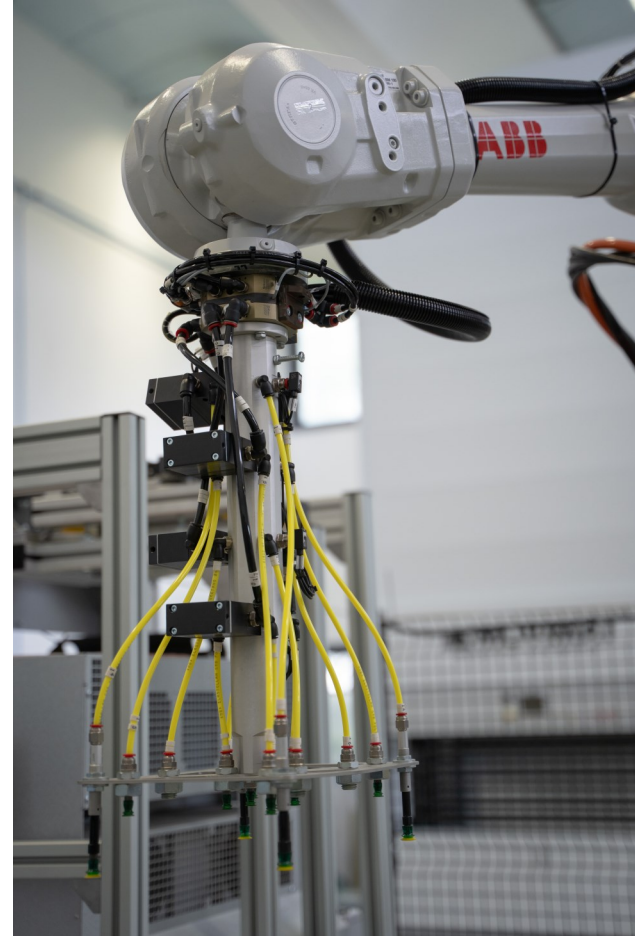
03

Solution

for...

Low and High Voltage Capacitors

- ◆ Axial Cap
- ◆ Radial Cap
- ◆ Film Box Cap
- ◆ Polypropylene Cap
- ◆ Polyester Cap
- ◆ High Voltage Dry Cap



04

Portfolio

Axial Capacitors

- ◆ Automatic leads welding for large size axial capacitors
Machine Mod. ABM 529
- ◆ Radial Cap Wrapping & electrical clearing
Machine Mod. ABM 21

Radial Capacitors

- ◆ Epoxy lacquered capacitors assembly line
Machine Mod. ABM 511–512
- ◆ Automatic final testing & sorting for radial epoxy lacquered capacitors
Machine Mod. ABM 227D

High Voltage Capacitors

- ◆ Single element Zinc Spray equipment
Machine Mod. ABM 515
- ◆ HV Clearing and testing machine
Machine Mod. ABM 522 - ABM 535
- ◆ Automatic assembly and soldering line
Machine Mod. ABM 511
- ◆ Final testing (unit tester) machine
Machine Mod. ABM 509



Box Film Capacitors

- ◆ Paper masking machine
Machine Mod. ABM 518
- ◆ Zinc Spray equipment
Machine Mod. ABM 515
- ◆ Clearing and testing machine
Machine Mod. ABM 522
- ◆ Automatic complete assembly line
Machine Mod. ABM 511 - ABM 512
- ◆ Final testing machine
Machine Mod. ABM 509
- ◆ Automatic packaging on cardboard box
Machine Mod. ABM 520

...and many others

05

Technologies

Machines and assembly lines structured with

- ◆ Linear transport systems,
- ◆ Rotary tables,
- ◆ Asynchronous pallet,
- ◆ Cam system units,
- ◆ Robotic units application.
- ◆ Automatic feeders (with hoppers, vibratory bowls, lead-frame units, etc..),

Performed processes

- ◆ Zinc and AL spraying
- ◆ Electrical clearing & testing on single element
- ◆ Electric welding and/or tinning electrical wires (bare, isolated),
- ◆ Ultrasonic welding,
- ◆ Riveting,
- ◆ Metal or plastic cases encapsulation,
- ◆ Resin filling.
- ◆ Final testing of the assembled products (electrical, mechanical, pressure, etc..),
- ◆ marking unit; inkjet, laser,
- ◆ Data Management
- ◆ MES/ERP interface
- ◆ Final packaging.



Pre-sales & project services

- ◆ Project analysis
- ◆ Project monitoring
- ◆ Design review
- ◆ Factory acceptance test before shipment
- ◆ Installation and testing at the customer plant,

After-sales services

- ◆ technical assistance
- ◆ Spare parts service,
- ◆ Maintenance program



Where

We have installations in over 18 countries on 4 continents.
We provide sales service and technical assistance on all these territories with our own staff

Our clients are the worldwide leaders in the capacitors field and in the last 18 years we have delivered more than 300 equipments for different clients and production type.





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