



POWDER INJECTION Series



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MCBSI



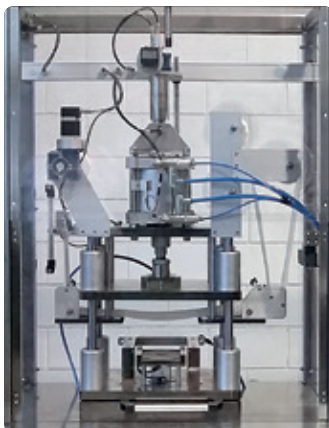
The Powder Injection Series is composed of **semi automatic machines for the transformation and production of pressed cosmetic powders**. It is characterized by filling cosmetic powders with **back injection and/or side injection technology**. This flexibility allows filling and pressing in pan or in trousse.

Among the undisputed advantages of the machine is a high productivity in the multicolored palettes.



ADVANTAGES OF THE SYSTEM

- Possibility of Back & Side Injection
- Fill up to 12 independent colors
- Stations for flat or embossed pressing
- Easy cleaning in format change



FEATURES

- Touch screen control panel with automatic control of the whole process
- Up to 12 volumetric pumps controlled by brushless motors
- Automatic adjustment of the head stroke
- Canvas unwinding and winding system with clutch
- Variable speed bulk stirrer
- Fast format change
- Very small machine dimensions

MODELS and APPLICATIONS

MCBI_01

TWO STATIONS BACK INJECTION machine (injection pressing) equipped with an injection mold and a pressing mold.

BACK INJECTION APPLICATION

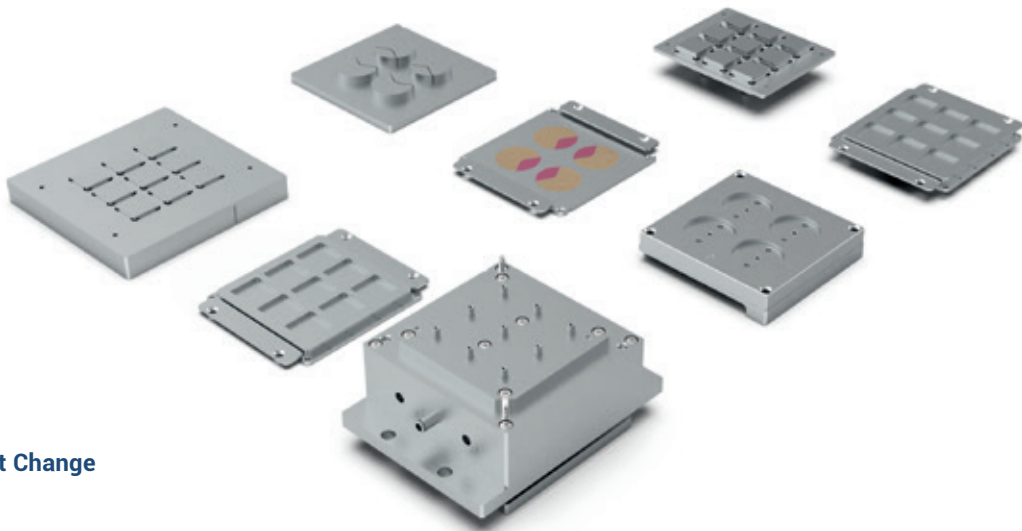
productivity from 200 to 600 pallets/h.

MCBSI_01

THREE STATIONS BACK&SIDE INJECTION machine (injection extraction pressing) equipped with an injection mold, a dowel extraction mold and a pressing mold.

SIDE INJECTION APPLICATION

productivity from 250 to 500 pan/h



Molds and Format Change



RESEARCH & INNOVATION

Through its network of collaborations with high-level strategic partners in the various sectors of the cosmetic world, Rigam Engineering can offer a full service, smart and integrated, based on the excellence of MADE IN ITALY.

Our deep knowledge of the needs in the sector combined with a specific know-how of products and processes allows us to support customers at every stage of collaboration: from consultancy to after-sales service.

- > DESIGN and FEASIBILITY
- > BULKology... from formulation to quality
- > PRODUCT-PACKAGING INTERACTION STUDY
- > TESTS and SETUP OF MACHINES AND EQUIPMENT



For cosmetics industry



From Design to Implementation

Rigam Engineering designs and manufactures machines and systems for the cosmetic, pharmaceutical and food industries.

Rigam Engineering machines, melting tanks and molds find application for **all poured products from bulk, from fusion to latest generation packaging.**

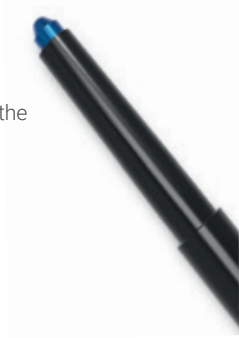
The technological heart of Rigam Engineering is in its exclusive patents for the development of 4.0 solutions oriented to the digitalization of processes and improvement of production performance.

Each Rigam Engineering project is born from a highly evolved **digital development, with the support of tools and programs that allow the customer to follow in the detail** the customization of the smallest component.

Service

After Sales Service is a fundamental service that tests the seriousness of a manufacturer and that requires commitment and competence.

Rigam Engineering offers a preventive and corrective maintenance service, technical assistance which includes both the systematic control of machines at customers factories and the remote support carried out by constantly trained technical personnel.



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