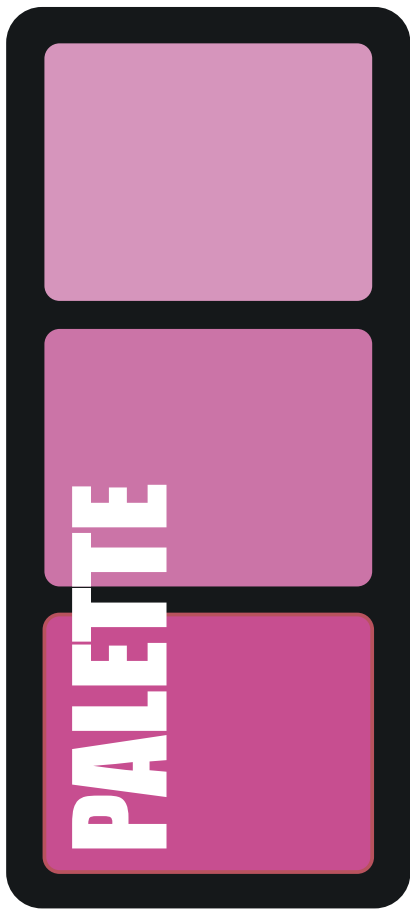




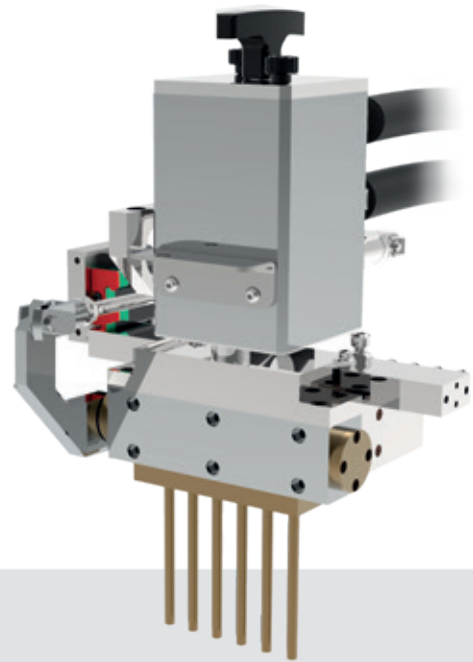
TOP FILLING Series



TOP FILLING Series *MCTF*

The Top Filling Series is composed of **automatic machines for the transformation and production of lipstick, stylo, lipbalm and panstick** based on filling in soft molds and / or for the **production of palette**.

The MCTF Series has a **patented technology** and stands out for its ability to solve problems related to temperature, **avoiding thermal shocks, obtaining products of the highest aesthetic quality**.



ADVANTAGES OF THE SYSTEM

- No use of heat transfer fluids (air and/or water)
- Flexibility of the machine in the production of both lipstick and palette
- Reduced number of elements required for stick format change
- Reduced energy consumption thanks to transformation technology
- It does not require defrosting and condensate disposal



MODELS e APPLICATIONS

MCTF_01

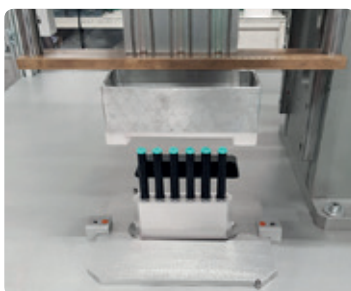
Equipped with 4 molds, it has a productivity from 800 to 1.000 pcs/h

MCTF_02

Equipped with 6 molds, it has a productivity from 1.500 to 1.750 pcs/h

FEATURES

- Touch screen control panel with automatic control of the all process and the possibility of memorizing 999 work recipes
- Settable temperatures, speeds, heating and cooling curves
- Heated and plunging dosing nozzles, with feedback control of the ascent speed in relation to the dosage speed
- High flexibility with a wide range of sizes and shapes of both the packaging and the stick
- Equipped with both soft-molds and metal molds
- External melting tank (optional) for fast bulk change
- Minimum mold temperature down to -8 °C



RELATED PRODUCTS

Medium Series Melters – MCFM

Stand alone melting tanks:

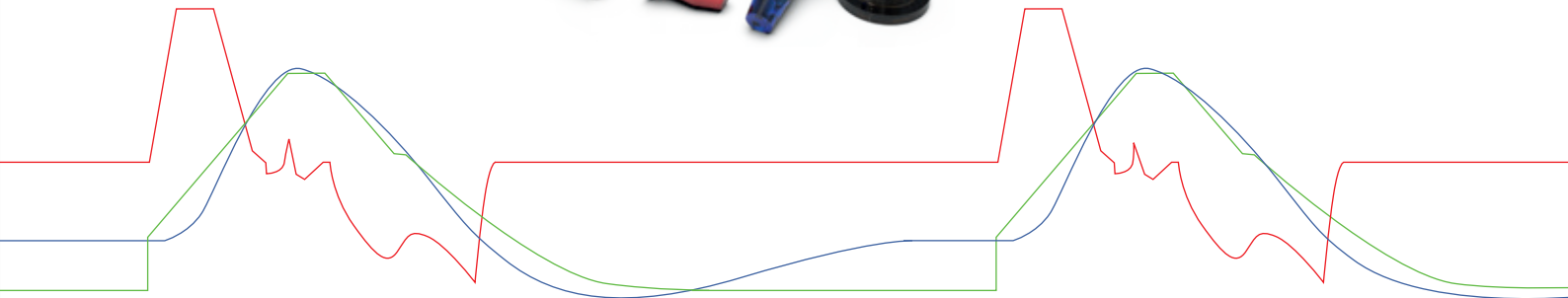
MCFM_20 capacity 20 lt

MCFM_35 capacity 35 lt

MCFM_50 capacity 50 lt



Moulds 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

DESIGN
BULKology
SETUP





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.**

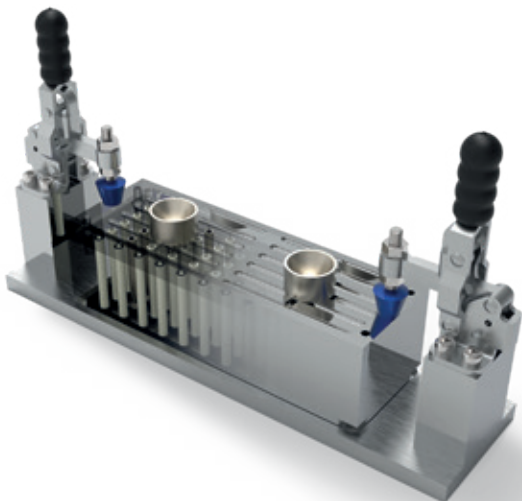

The technological heart of Rigam Engineering is in its exclusive patents for the development of 4.0 solutions oriented to the digitalization of processes and improvement of production performance.

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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