



A comprehensive proposal for cosmetic production

Process and cleanroom infrastructure
solutions for the cosmetics industry

We are a global solution provider for the cosmetics industry

We accompany you in the development of your project with personalized, flexible and comprehensive solutions, without intermediaries.

We specialize in carrying out process lines and cleanroom projects from **conception to design and execution**, striving to offer the best solution for our clients, taking into account manufacturing time, GMP quality and execution costs.

We are Airplan.



EXPERIENCE & KNOW-HOW

Since 1968, more than 3,000 projects carried out, in 50 countries on 5 continents.



FLEXIBILITY & ADAPTABILITY

Your project as it should be: personalized.

We look for flexible, simple solutions adapted to your needs.



PARTNERS FOR LIFE

80% of our projects come from recurring clients.

We establish lasting relationships based on quality, commitment and responsibility.



PROJECT INTEGRATION

We integrate solutions that cover all phases and needs of a project's life-cycle, thus offering a global solution.



Cosmetic production plants

Our project for cosmetic production (infrastructures + process) meet the current requirements of manufacturing regulations (1223/2009/CE Regulation for cosmetic products).

We conceptualize each production site prepared for future changes, whether due to regulations or expansion of the installation.

APPLICATIONS



COSMETICS

Creams
Sun protection products
Lotions
Gels
Oils
Plant extracts
Shaving cream
Shampoo
Toothpaste
Dye products
Hyaluronic acid
... and more

We offer an integral and integrated cosmetics plant

From the infrastructure to the process, we see to the supply of a **complete cosmetic product manufacturing plant**, including **cleanrooms, manufacturing and cleaning equipment**, the **necessary utilities**, and their **integration** for flowing, precise operations.

CLEANROOM INFRASTRUCTURES



AIR TREATMENT

- > HVAC
- > Downflow booths

CLEANROOMS

- > Modular Cleanroom Building Systems

UTILITIES

- > Black Utilities
- > Clean Media - Distilled / purified water

PROCESS TECHNOLOGY



PROCESSING

- > Production tanks or vessels
- > Auxiliary equipment, such as fuser or holding tanks

HANDLING

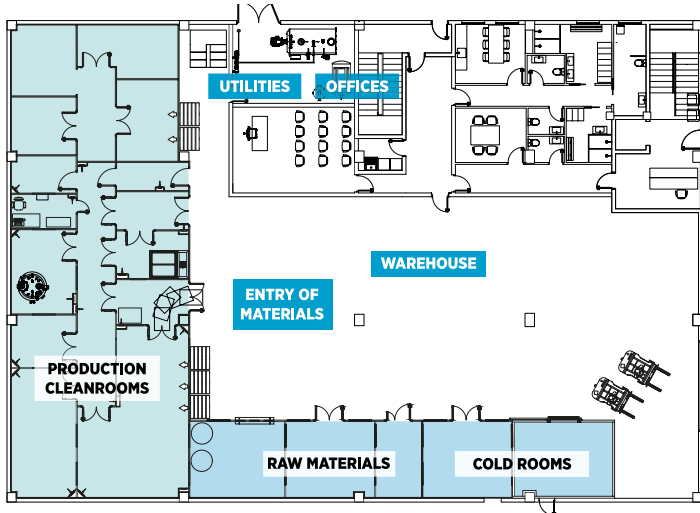
- > Dispensing & Dosing
- > Loading & Unloading
- > Product Transfer
- > Filtration
- > Storage

CLEANING

- > CIP / WIP Cleaning



CLEANROOM INFRASTRUCTURES



Layout definition and design suitable for the different needs of the client

Our customers are unique.
As are our solutions.

Hiring a turnkey project with Airplan means having just one contact on site. At AIRPLAN, we fully develop and manage projects, without spreading responsibilities between different suppliers - with the AIRPLAN guarantee.

Working together with the client, we will turn projects into productive and competitive facilities. We advise on ensuring your work meets legal requirements, and we search for the right level of technology.

Each production plant has particular challenges that require tailor-made facilities. Our team of engineers analyses the production cycles and potential critical factors of your project to design a functional plant, optimizing investment and operating costs.



Solutions made in AIRPLAN

We conceptualise and design custom integrated solutions, from the semi-solids production reactor to ancillary equipment such as the fuser, auxiliary tanks, the CIP/WIP cleaning system, and the transfer system between the equipment and the subsequent packaging phase.

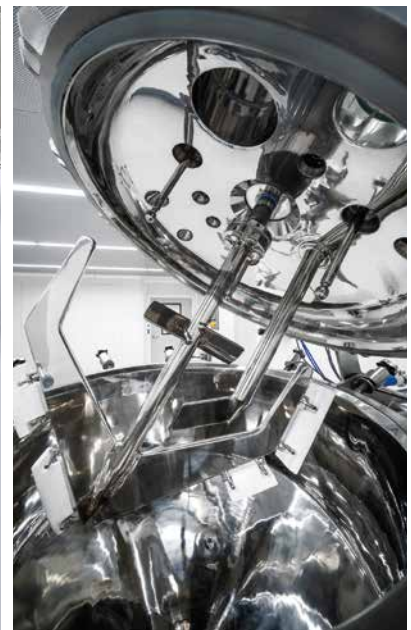
We developed versatile lines to prepare creams, gels, liquids and other products, even with viscosities over 100,000 mPa·s (cP).

Every manufacturing process has its challenges. The right combination of working conditions (heating/cooling, mixing and homogenizing) must be chosen for each product type in order to give uniform results.

The experience of our team of engineers enables us to define the manufacturing processes best suited to your requirements.



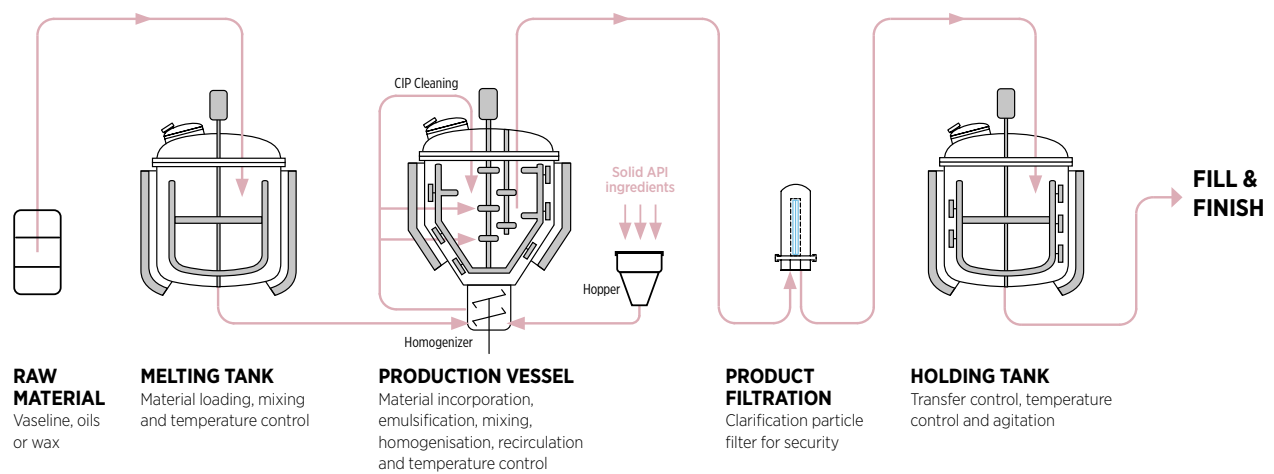
PRODUCTION VESSEL FOR HYALURONIC ACID AND FILLER BUFFER TANK



CREAM PRODUCTION VESSEL



SEMISOLID PROCESS LINE



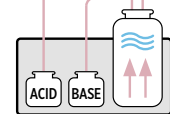
CLEAN MEDIA

Distilled or Purified Water (PW)



CLEANING

CIP Cleaning System



Contact us to find out how
we can help you with the
**development of your next
cosmetic process**

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