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**Cosmetic processes:**  
**global turnkey**  
**solutions**

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**Our mission:  
to design  
and build turnkey  
process solutions**

AS A LEADING-EDGE INDUSTRIAL INTEGRATOR, BOCCARD DESIGNS AND BUILDS UNIQUE, INNOVATIVE PROCESS SOLUTIONS THAT FACILITATE THE PRODUCTION OF ALL COSMETICS AND PERSONAL HYGIENE, DENTAL, HAIR AND SKIN CARE PRODUCTS.

BOCCARD IS THE INDUSTRIAL INTEGRATOR THAT BRINGS YOUR PROJECTS TO LIFE – ON TIME AND ON BUDGET. OUR COMMITMENT TO QUALITY AND PERFORMANCE MEANS BOCCARD ALWAYS DELIVERS PROCESS SOLUTIONS THAT ARE CAREFULLY DESIGNED TO MEET OUR CUSTOMERS' VARIED DEMANDS AND SPECIFICATIONS.

AT BOCCARD, WE UNDERSTAND THE IMPORTANCE OF «TIMETO MARKET» REQUIREMENTS.

**BOCCARD MANAGES  
EACH AND EVERY STEPS  
OF YOUR PROCESS  
DESIGN SOLUTION**

Storage / Automated transfer

Agitation / Dispersion and  
incorporation of powders /  
Emulsion

In line homogenization /  
Final preparation /  
Transfer to filling  
and packing lines

Cleaning-in-Place  
and Sterilization-in-Place





**With agencies and subsidiaries in more than 30 countries,** Bocard has an outstanding ability to assist your company's worldwide expansion. We value long-term partnerships, including an after-sales service dedicated to continuous performance improvement.

**Working with our international team of skilled, multidisciplinary project leaders, engineers and technicians,** Bocard applies an unrivalled level of knowledge and expertise. Bocard supports your production processes by providing a single contact person who manages your project from **kick-off** through to **final acceptance**.

Through the strict application of internationally-established best practice policies, Bocard guarantees that **your project will be managed in** a responsive manner and to a high degree of certification, in line with our PQP charter and manual: **«Prevention, Quality, and Productivity»**



Because we are able to integrate the best process equipment, selected jointly with you,

Because we design fully open and independent automated systems for your project,

Because we know how to do so within very short leadtimes, within budget, and everywhere in the world,

Because Bocard is able to respond quickly and comply with distribution market requirements via its international network of agencies,

**Bocard is the ideal partner for turnkey new plant, plant extension and compliance revamping projects.**



## PERSONAL HYGIENE

- Make-up remover
- Toothpaste
- Gel
- Soap
- Mouthwash



## HAIR CARE

- Shampoo & conditioner
- Hair masks
- Lotions
- Gels
- Oils
- Dyes



## SKIN CARE

- Creams & ointments
- Oil, milk, exfoliation



## MAKE-UP

- Mascara
- Lipstick
- Powders (eyeliner, foundation, etc.)
- Nail varnish



## FLAMMABLE GELS & LOTIONS



## PERFUMES

# Global, high-performance solutions that **bring your ideas to life**

## IMPLEMENTING YOUR INDUSTRY VISION

To solve your **cleaning-in-place** issues, our process engineers design and incorporate **effective solutions and fixed or mobile CIP stations**. Our technicians comply with international regulatory and environmental requirements to optimize your water consumption, energy consumption and product losses.

## WITH OUR PROVEN SOLUTIONS

Boccard's extensive experience across a wide range of cosmetic products (powders, aqueous solutions, oils, emulsions, high-viscosity oils, etc.), benefits your business with a shared feedback on our **existing plants** to ensure that your project is equipped with the best process solutions.

**For transfer operations**, Boccard has developed innovative solutions covering flow transfer panels with intelligent, quick and secure process connectors (SIPEC 2013 award: Boclock) and pipe pigging (Optilines +, intelligent pigging solution).

## BASED ON MODULAR DESIGN

With standard module blocks assembled according to your requirements, we are able to **deliver a solution tailored to your specific needs**, reducing the **project lifecycle time** from design to commissioning.

## EVEN IN EXTREME ENVIRONMENTS: ATEX

From the initial skid design phase, **Boccard helps to deliver your risk analysis** and deploys all available methodologies, tools and technologies to prevent potential explosive hazards, working in close relationship with a notified body.

« During the four years of compliance work on our perfumes chain, with no production shutdown, Boccard and CSC proved that they were up to the task and fully met our requirements. »

P.G., Parfums  
Christian Dior



ABSOLUTE  
CONFIDENTIALITY:  
NDA

ATEX  
CERTIFICATION

## BOCCARD ALSO OFFERS

**A range of innovative solutions to simplify your production processes:**

- **Mobilis** : ATEX-compliant mobile tanks
- **Boclock** : a process connector secure transfer operations, «*Innovation Award*» at SIPEC trade show
- **Optilines +** : intelligent pigging solution
- **Optibox** : cleaning (CIP) under control

# From independent, modular skids to full production plants



AT BOCCARD,  
OUR SUPERB LEVEL  
OF WIDE-RANGING EXPERTISE  
ALLOWS US TO BRING TOGETHER  
INNOVATIVE TEAMS OF EXPERIENCED  
PROFESSIONALS.  
THIS EXPERTISE DRIVES  
THE SUCCESS OF YOUR PROJECT!  
REGARDLESS  
OF ITS SIZE.

## ASSISTING YOU WORLDWIDE

Our project teams are accustomed to work everywhere in the world: in the USA, Brazil, China, Russia, Egypt, Spain, Belgium, France, and elsewhere.

Our **knowledge of the field** and our **superior project management expertise** allows us to acquire the services of proven local sub-contractors, in order to provide you with an optimal, cost-effective global solution.

We build our process equipment solutions to relevant **international standards (ASME BPE, CODAP, DESP, BS, GOST and Stamp ü)** complying also with regulatory requirements (FDA, EU, GMP, GAMP 5, etc.).

## CONSTRUCTION MODELING

To ensure effective communication, Boccard has established a unique design office that acts as a platform for collaboration and project review - a **system that is based on the 3D modeling of part** (or all of) your plant and of the projected facilities. This way, you can **view your production tools before they are built and installed**.

We prefabricate pilot or industrial skids, seek your approval for the designs and ergonomics and perform FAT tests before they are shipped to site.

## SUPPLY CHAIN CONTROLS

Because the success of every project also depends on logistics, Boccard **guarantees the timely delivery of on-site equipment**, even in unstable political or cultural environments, thanks to its reliable and proven project management.

We **provide reliability for your project** by prefabricating «plug & play» modules. Thanks to our international agency network, we can build these modules in workshops located all over the world.

# Resources and manpower: a synergy of skills to deliver guaranteed success



## PROCESS ENGINEERING EXCELLENCE

We understand the complexity of production lines and our design office features a wide variety of skills, with experts in **processes** (URS, PFD, PID, etc.), **mechanics** (frame skid, agitation, etc.), **tank-building** and **piping** (premix tanks, preparation, storage, transfer, etc.), **instrumentation** (pressure, temperature, pH, flow, level, etc.), **automation, control, supervision** (**stakeholders, operator control desk, acceptance, overview, etc.**), **protocols, tests, electricity design studies**, and **technical documentation**.



## MAJOR MOBILIZATION CAPACITY

The team you work with during the project is the same one that commissions your facility. Bocard is the only industrial integrator able to mobilize a start-up team featuring more than a dozen automation specialists, technicians, and engineers. **With our in-depth knowledge of the process and operations of your facility**, we are able to ensure that you receive the best possible start-up service, including **SAT tests and IQ/OQ qualification**.



## GUARANTEED INDEPENDENT SOURCING

**We are independent** from manufacturers (valves, fittings, instrumentation, PLCs, etc.), meaning that we are always able to offer the **best technical solution** under all circumstances and integrate the most suitable equipment for your application and your facility.



## YOUR PROCESS: FULLY CONTROLLED

Our engineers design **strong, and fully-open automation systems** that are based on the major solutions currently available (Siemens, Rockwell, Emerson, Wonderware, etc.). Your teams are involved from the outset, **playing an active role** in the design and ergonomics of the control system. **Our simulation platforms** allow you to test your entire facility and train your operators prior to start-up.

# The best of agitation

MIXING IS A MAJOR STAGE OF THE PROCESS AND PLAYS A CRITICAL ROLE IN THE QUALITY AND INTEGRITY OF THE FINISHED PRODUCT. WITH A WIDE VARIETY OF DOSAGE FORMS AND VISCOSITIES, AND PRODUCTS THAT ARE ADHESIVE, FATTY, FLAMMABLE OR NON-NEWTONIAN WITH UNUSUAL FLOW BEHAVIORS, EXTENSIVE, IN-DEPTH EXPERTISE IS REQUIRED. BOCCARD POSSESSES SUCH EXPERTISE.



Whether used for **mixing, dispersion, emulsion, or pigging**, our mixers and homogenizers deliver exceptional performance, producing high-quality products while driving down production time.

- **Three-blade mixer** for mixing aqueous phases
- **Anchor or coaxial** (counter-rotating) mixing for thick products
- **Tank-bottom homogenizers** for dispersing powders and emulsion
- **Jagged turbine** for optimal dispersion of large quantities of powder

Our experts are there to advise you.



Our raw material mixing and incorporation systems enable you to perform even the most complex mixing operations.

- **Integration of dynamic mixers** from 250 to 1,200 liters, with de-clumping tool and stable temperature inside the mixing chamber
- **Manual or automatic introduction of raw materials** (in inert atmosphere for potentially explosive materials)
- **Preparation, heating, and binder spraying** in the mixing chamber
- **Incorporation of mother-of-pearl after milling**
- **Sample-taking**, either manually or automatically



Our tank-construction facility specializes in the **design and manufacture of stainless steel tanks in line with CODAP, ASME BPE, and GOST standards, with integrated mixing systems.**

Our tanks are able to withstand extreme pressures and full vacuum, can be sterilized in place (steam), and can be fitted with a double jacket for heat exchange.



# BOCCARD



## HEALTH & CARE



### CONTACT US

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Health & Care

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We design, manufacture, assemble and install turnkey processing solutions for our customers worldwide who transform raw materials into products for people's direct consumption.

That is why our centers of excellence (**Food&Beverage, Health&Care and Brewery**) are committed to achieving the highest levels of quality and safety in over 100 countries, while ensuring optimal productivity to serve demanding markets.

Our experts in Process Intelligence and Project Management work on a partnership basis with companies of all sizes, including major global players, to build new facilities or upgrade existing systems to meet and surpass key performance indicators: product excellence and consistency, efficient time-to-market, responsiveness and flexibility.

In everything we do, our goal is to provide you with the best process experience, now and in the future.

