PROTOTECH

FOOD PROCESS ENGINEERING

SPECIALISTS

IN PROCESS ENGINEERING
FOR THE DAIRY INDUSTRY

Process engineering in the food industry means carefully studying how raw materials are transformed into finished products through physical, chemical or biological processes, and then using this knowledge to **design innovative technological solutions** that ensure high production performance, both in individual unit operations and across the overall process.

Analysis 1

Every plant is designed to meet a specific customer requirement. It is therefore essential to **reverse the conventional operational perspective,** starting not with the machine and its use within the process, but with an analysis of all the elements and phenomena involved in and governing the process, **while paying the utmost attention to the Customer's needs.**



2 Design

In the design phase, we develop **engineering solutions where innovation meets sustainability.**
Our projects are built on three inseparable pillars:

- **Environmental Responsibility** (reducing waste and consumption)
- **Technical Feasibility** (cutting-edge, reliable technology)
- **Economic Sustainability** (optimising ROI and operating costs)

Maintenance 4

But the journey doesn't end with installation!
We become your long-term technology partner. Thanks to Augmented Reality (AR), our after-sales maintenance services can be delivered remotely and proactively, using tablets or AR headsets, **enabling immediate intervention and minimising machine downtime.**

3 Implementation

We then bring the project to life, ensuring compliance with the **highest quality standards required** in the food industry. The plant is built with the utmost attention to detail and the highest levels of hygiene, which are essential in the dairy industry. **Installation is, of course, provided as a turnkey solution.**

Our technological journey

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