



## Process Development Centre

Test facility in The Netherlands



### Highlights

- Improve and optimise existing products
- Develop and test new products and processes
- Obtain real-life data to optimise performance
- Produce application samples

The Process Development Centre (PDC) of Tetra Pak Cheese and Powder Systems in The Netherlands provides you the tools to improve functional properties of your products. In this centre you are able you to work together with Tetra Pak technologists and engineers to develop and establish optimum operation parameters for new products or processes.

Companies world-wide know in detail what kind of product functionalities their clients like, but it's not always easy to put this knowledge into practice.

The extensive experience of Tetra Pak in the processing of dairy products has proved highly valuable in achieving this goal. Its technology opens doorways to new processing techniques for proteins, carbohydrates derived from dairy, wheat, corn and soy, as well as innovation in new process development.

## Development centre

The PDC is located in Gorredijk, The Netherlands. The centre consists of a pilot plant and a laboratory. It has been specifically designed to obtain real-life data to optimise performance in industrial scale plants.

The testing results enable the transfer of process concepts into a validated industrial plant design without delay.

## Possibilities

The main technology applications in the PDC comprise of concentrate preparation, evaporation, spray drying and agglomeration. Other unit operations such as sifting, lecithination, filtration and powder back mixing can be integrated. Various techniques for atomising, bulk density control, agglomeration and classification are available. This makes the facility extremely flexible and suitable for a wide range of products, like dairy, whey and baby food to starch, starch conversions, protein and protein derivatives.

Tetra Pak Processing Systems develops and delivers complete line solutions, starting from the ingredient up to the final product.

Besides developing your powder, we can also support you in developing the most suitable powder handling system. These handling systems can be tested in the fully equipped PDC in Le May, France.

## Welcome to test

We invite you to test your new products or processes at our test facility in The Netherlands. We will work closely with you in defining a trial program that meets your needs. Contact your local Market Company or us directly to see how we can put our experience and expertise to work for you.

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Process Development Centre  
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