

# MPE GROUP

Process Systems

Your partner for liquid & solid process systems



## Markets

- Dairy
- Convenience Foods
- Egg products
- Emulsions
- Pharmaceutical
- Clean In Place Systems
- Food
- Fruit
- Baby food
- Pet food
- Chemical



[www.mpegroup.com](http://www.mpegroup.com)

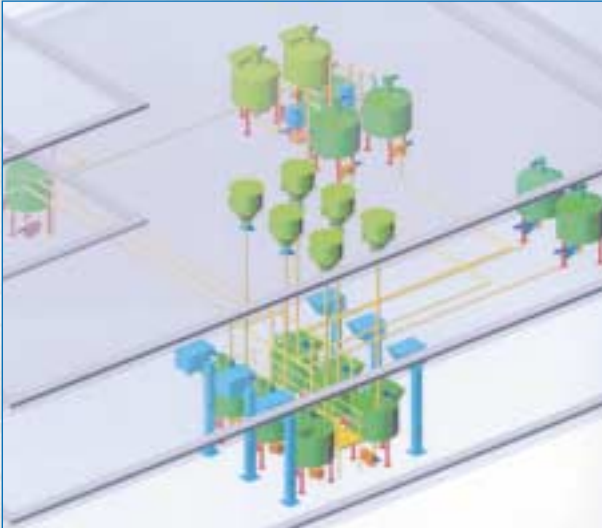
**MPE**  
GROUP

**terlet**



## Your partner

The Multi Processing Equipment Group is the holding of 5 international operating companies, specialized in the development, production and sales of process systems and components for both fluids and solids.



Visualization of a process system

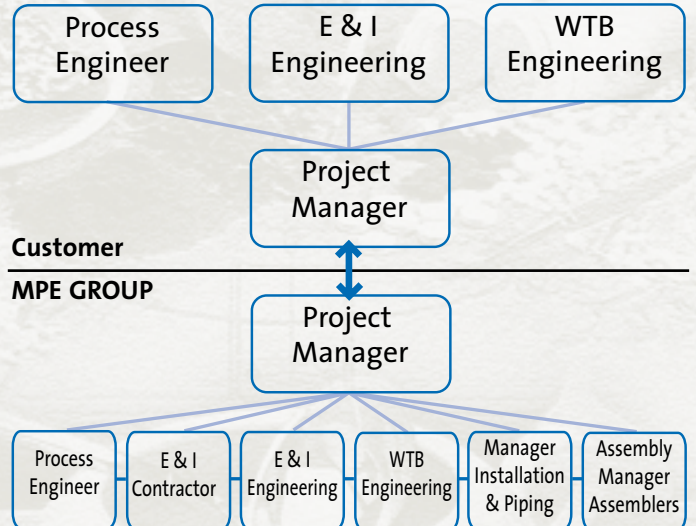
## MPE GROUP Processing systems

As a member of the MPE GROUP, Terlet in close cooperation with the customer, designs an optimal system for the new process installation requirement. Over many years Terlet engineers have developed expertise in designing installations, and utilize this experience along with industry specific knowledge in building equipment and complete processing installations, food preparation lines and complex turnkey projects. Therefore they are able to provide expert advice on how to optimize your existing process lines

By means of clear internal communication structures and the combination of specialized knowledge it is possible to handle and execute a project single or multi disciplinary. As well in partial projects, renovations, optimizations, extensions and turn key projects the MPE GROUP has specialized knowledge and a modern organization and planning system. Besides that state of the art knowledge in the foodtechnology area is used.

## MPE GROUP companies:

- Bolz-Summix                      Solids mixing & drying systems
- Jongia                                Stirring & mixing equipment
- Van Meurs                         Bag-in-box filling systems
- Techno-G                          Solids handling & processing
- Terlet                                 Process systems & equipment



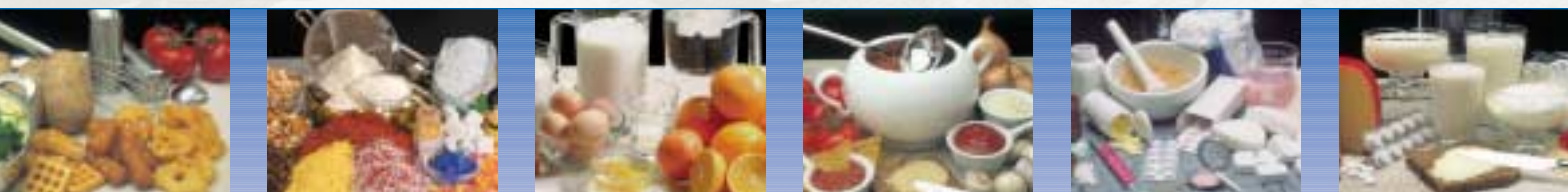
## First Design/Orientation

As a first step the client and Terlet analyse the specifications on behalf of the product and the installation design. Since our design has to apply to your idea of an optimal processing system we believe not only in the power of cooperation and consultation, but also in the synergy produced from that process. Thereby solutions will be developed which benefit you and contribute to an efficient working processing installation.

## Realization / Project control

Under supervision of a project manager the project team is responsible for the project control during the entire project. The project team takes care of thorough preparation, coordination and planning.

After commissioning, the user can count on professional assistance. For maintenance and other after sales activities it is possible to set up a service agreement, but of course we can also be at your assistance whenever you need it.



## Project Phases.

1. Define the design
2. Preparations / Engineering
3. Realization "WTB/ Automation
4. Training and Maintenance



## High quality materials

The MPE GROUP uses high quality accessories, valves, pumps, measuring and regulation components. There is thorough knowledge of suppliers, and quality in materials, which is also guaranteed by our internal ISO-procedures and the measuring- and/or quality-department.



## Documentation

Under supervision of our process engineers the following documents will be produced:

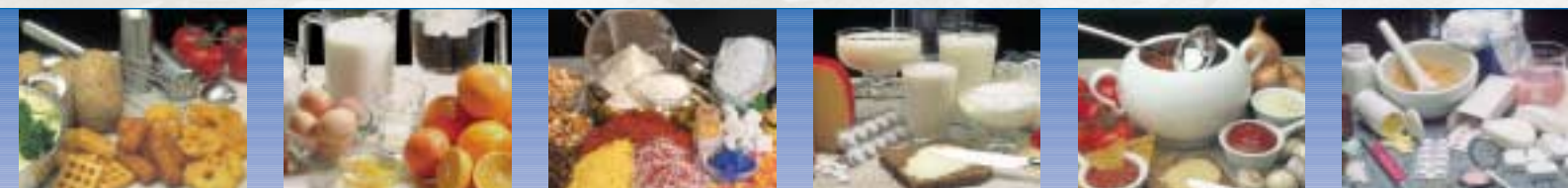
- Flow schedules, P&ID, tag list;
- Installation lay-outs
- 3D Drawings
- Components- and equipment drawings
- Operational regulations
- Manuals
- Validation and commissioning protocols.

At the same time hardware and software are developed by our automation specialists. Thanks to the thorough knowledge and experience in control circuits for process installations and the use of well-tested automation hardware and software our experts are able to create optimal process equipment.

## Large Experience

When building a process installation we mainly use, when possible, our own manufactured products such as the Terlotherm (scraped surface heat exchanger), tanks, vessels, mixers, dryers and tubular coolers. For our client, but also for us, the assembly and commissioning are the most important moments in the process. After all, shiny stainless steel is now transformed into coherent equipment that will produce quality products.

That is the reason that we assemble by ourselves, along with the deployment of our own Installation & Piping team. The hygienic designs are built up with cleanable pipelines carried out with perfect welding work. During the final commissioning our automation specialists play the most important role. Not only the primary control system is important, but also the safety for the operator and the consumer, who at the end will buy your product. You can trust in a fully safe system. Control, registration and storage of process parameters are an important part of the process automation.

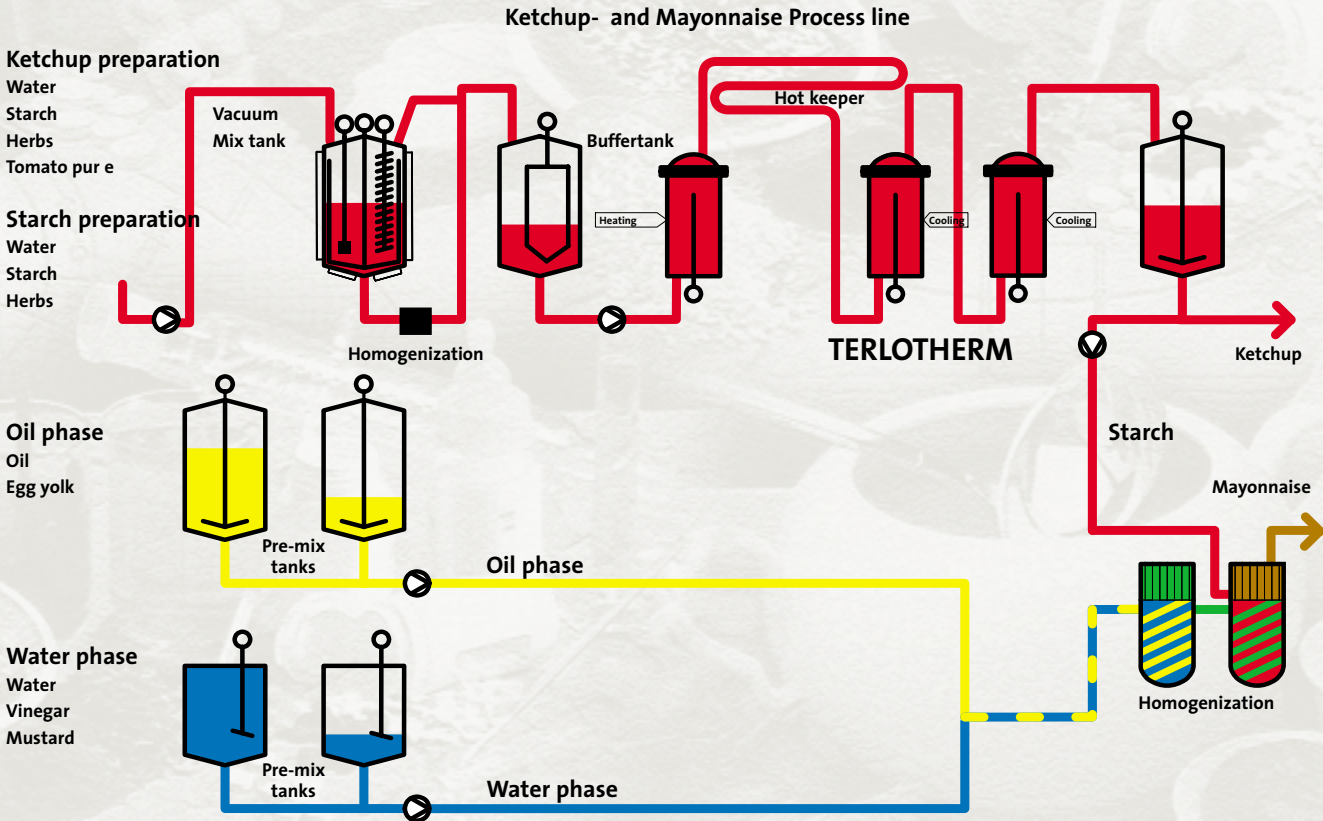


## Test units

Almost all kind of processes can be tested on a pilot-scale. Especially for this purpose there are several test-units available to carry out tests on-site. Our specialists can support you with their specialised knowledge in process technology.

## Hygiene EHEDG

The process installations are CE certified and of course the EHEDG rules are adhered to. As experts in heating, cooling, mixing, dissolving and pumping of viscous liquids, the name of the MPE GROUP represents the best quality.



## Certification

To watch over and to control the complete quality care the MPE GROUP manages a formal quality system, based on NEN-EN-ISO 9001 and VCA\*\* which are approved by Lloyd's Register Quality Assurance.

## The Quality management lives up to:

- NEN-EN-ISO 9001;2000
- VCA\*\* 2000/03
- ISO 14001
- ASME code
- Pressure equipment guideline 97/23/EG

## Quality/ Environments

MPE GROUP considers the environment to be an important issue in our quality policy. We develop ideas to minimize the energy needed to run our process installations to produce your product.

## MPE GROUP

Postbus 62, 7200 AB Zutphen  
Oostzeestraat 6, 7202 CM Zutphen , Nederland

T: +31 575 593 100

F: +31 575 593 111

I: [www.mpegroup.com](http://www.mpegroup.com)

E: [info@mpegroup.com](mailto:info@mpegroup.com)

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