



SÜDMO
SYSTEMS FOR THE
DAIRY & FOOD INDUSTRIES

CONVINCING SOLUTIONS!

ENGINEERING, PROJECT MANAGEMENT, AUTOMATION, VALVE TECHNOLOGY & ASSEMBLY FOR DAIRY AND FOOD PRODUCERS

ENGINEERING SERVICES

- Basic engineering
- Dimensioning systems
- Design studies (hygienic or sterile)
- Process engineering
- General planning and coordination
- Process integration
- Drawing up flow charts, layouts and 3-D planning
- Quality management (verification according to DIN EN ISO 9001)
- Process optimization and production monitoring

PROJECT MANAGEMENT

- Processing and scheduling
- Cost control
- Interface coordination
- Installation testing and commissioning

AUTOMATION

- Drawing up automation plans
- Software project planning and development
- Software commissioning
- Visualization and process control systems

VALVE TECHNOLOGY IN-HOUSE DEVELOPMENT

- Modular technology for easy adjustment to meet new growing hygienic requirements
- Other changing technical requirements (tooling up and down is possible)

ASSEMBLY DEPARTMENT

- Preliminary production at Pentair Südmo: plug-in systems
- On-site assembly
- Switchboards and electro-technical installation





COMPLETE SOLUTIONS FOR THE

EVERYTHING FROM ONE SOURCE

PROCESS SYSTEMS – MILK

PROCESS SYSTEMS – CHEESE



Whatever challenge you face, be it reorganizing your systems, expanding, modernizing, or installing completely new product lines, we are on hand to provide all the help you need.

- Heating systems
- Raw milk reception
- Feeding points
- Aseptic sampling
- Milk standardization

- Cheese curd valves
- Vat milk processing
- Product chilling for cheese-making equipment
- Whey processing



DAIRY & FOOD INDUSTRIES

PROCESS SYSTEMS - LIQUIDS



- Mixing stations
- Fruit preparations
- Liquid yeast supply

TANK FARMS



- Sterile tank storage
- Hygienic tank storage
- Valve manifolds

CIP-PLANTS



- CIP / SIP engineering
- CIP units and portable CIPs
- Low-cost to high-end CIP systems



ABOUT PENTAIR SÜDMO

At Pentair Südmo we do more than design and manufacture valves. We are dedicated to providing our customers with the right technology for each application.

As the need for safety and sustainability in the food, beverage and pharmaceutical markets increases, we continue to respond with advanced products and services. Whether working with a U.S. dairy plant that must meet strict regulations or developing a total solution for an international brewery we have the solution that fits.

Our capabilities include process engineering, service management, and extensive training opportunities, as well as advanced water and wastewater technologies. To us success comes when our customers experience optimized plant performance and reduced operating costs.

Founded in 1954, specifically to supply valves and components to the dairy industry in Germany, Pentair Südmo has a long history in fluid processing.

We continue to build on this heritage of innovation at our R&D and manufacturing facility in Riesbürg, Germany. Our components that include stainless steel single seat, mix proof and specialty valves, and compact systems meet highest hygienic and aseptic standards.

Today, we are part of Pentair, a diversified industrial company headquartered in Minneapolis, Minnesota. With facilities around the world, Pentair employs more than 30,000 people

With research, production, engineering, automation, project management and service in-house, Pentair Südmo focuses on the development of durable and reliable products that can be tailored to the specific needs of our customers.



SÜDMO PROJECTS GMBH

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ID-No.: 2222119 - Dairy Systems E-1/14 © 2014 Pentair - All Rights Reserved.