



SÜDMO
SYSTEMS FOR THE
MINERAL WATER,
BEER & BEVERAGE
INDUSTRIES

SOLUTIONS THAT TASTE GREAT!

ENGINEERING, PROJECT MANAGEMENT, AUTOMATION, VALVE TECHNOLOGY AND ASSEMBLY FOR MINERAL WATER AND BEVERAGE PRODUCERS AND BREWERIES

ENGINEERING SERVICES

- Basic and detailed engineering
- Drawing up flow charts defining interfaces
- Drawing up tender documents
- Dimensioning plants
- Drawing up automation plans

PROJECT MANAGEMENT

- Handling
- Scheduling
- Installation
- Commissioning
- Documentation
- After-sales service

AUTOMATION

- Software planning and development
- Switchboard construction and electro-technical installation
- Software roll-out

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-and-play design
- On-site assembly
- TIG welding
- Orbital welding technology
- Endoscopy
- Internal quality management system according to DIN EN ISO 9001

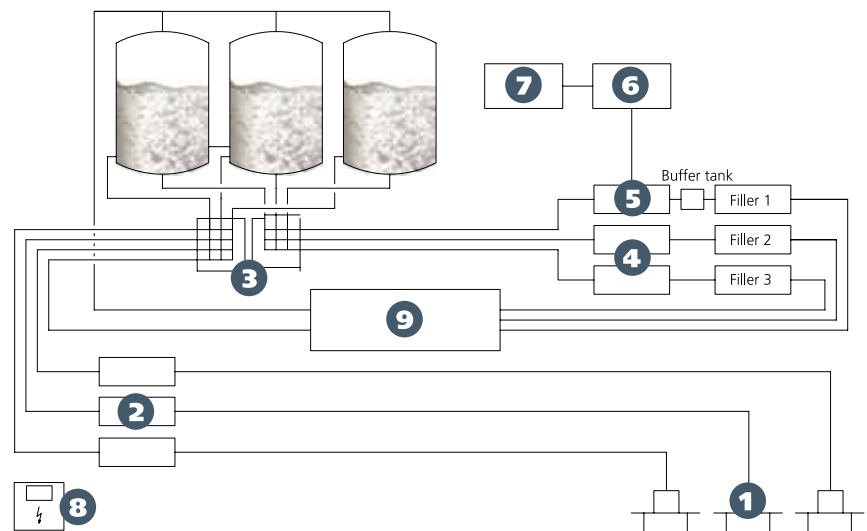




COMPLETE SOLUTIONS FOR MINERAL WATER / SOFT DRINKS

FACTORY-MANUFACTURED SYSTEMS FOR MINERAL WATER AND NON-ALCOHOLIC BEVERAGE MANUFACTURERS

- Well heads and measuring loops
- Mobile well testing instruments
- Water treatment (removal of iron and manganese)
- Tank management
- Water filtration (particle/sterile filtration)
- CIP/SIP systems
- Heater and dosage blocks for CIP/SIP
- Syrup rooms
- Mixing of semi-finished/finished products
- Mixers for 2 to 7 components
- pH regulation modules
- Sugar dissolution systems
- UHT systems
- Modular aseptic process periphery (CAF)
- Fully automated sampling systems



1. Well head
2. Water treatment
3. Double seat valve manifolds
4. SteriPro
5. Short-term heating system
6. Syrup room
7. Sugar dissolver
8. Automation/control system
9. CIP system

COMPLETE ON-SITE SOLUTIONS

- Installation earth lines/plant connections
- Pig trap station
- On-site plant integration



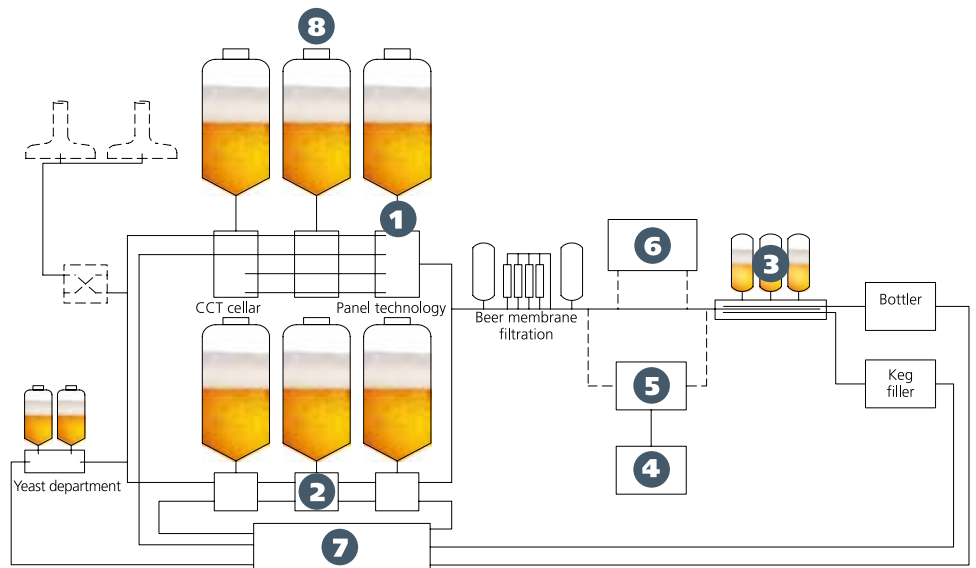
COMPLETE SOLUTIONS FOR BREWERIES

FACTORY-MANUFACTURED SYSTEMS FOR BREWERIES

- CIP systems
- Short-term heating system
- Water degasification systems
- Line filtration for mineral water and beer
- Membrane filtration modules
- High Gravity Brewing systems
- Carbonizing systems
- Double seat valve manifolds
- Panel construction
- Yeast storage and propagation

COMPLETE ON-SITE SOLUTIONS

- Complete fermentation and storage departments, pressure-tank cellars with panel technology, pipe fence or double seat valve technology
- Tank-top equipment
- Pig trap station



1. Cellar panel
2. Double seat valve manifolds
3. Pressure-tank cellar panel
4. Water degasification
5. Carboblender
6. Short-term heating system
7. CIP system
8. Tank-top



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 Inc., a global diversified industrial company headquartered in Minneapolis, Minnesota. With facilities around the world, Pentair employs more than 15,000 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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