

FILLING YOUR NEEDS



# WHY ROMMELAG?

ONE PARTNER. THREE STRONG REASONS.





**EXPERIENCE YOU CAN RELY ON.  
PROVEN QUALITY.  
TECHNOLOGY DESIGNED FOR LONGEVITY.**

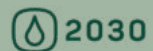
When manufacturing sterile liquid and semisolid pharmaceutical products, trust is essential.

Rommelag delivers integrated Blow-Fill-Seal solutions – combining technology, service, and lifecycle expertise for reliable and safe pharmaceutical production worldwide.

Rommelag is the umbrella brand of our products and services. It brings together the five divisions: ENGINEERING, CDMO, FLEX, DIGITAL, and SERVICE. Our 12 locations are in Switzerland, Germany, India, China, and the USA. Additionally, we have local representatives in over 20 countries.

## **ROMMELAG 2030**

### **WHAT DRIVES US?**



Rommelag complete solutions make it possible for pharmaceuticals to be produced reliably, safely and sustainably for every person worldwide.

# BLOW-FILL-SEAL

FAST · SECURE · FLEXIBLE

Over 60 years ago, Rommelaag revolutionized aseptic filling with the invention of blow-fill-seal (BFS) technology. BFS combines the time-consuming processes of container production, filling, and sealing into a single, flexible, and fully automated aseptic process, offering the highest level of safety in sterile production for the pharmaceutical industry.



bottelpack®



## BLOW

### BLOWING CONTAINERS

Pure polymer granulate is extruded into a tube, which is then formed into a sterile container using vacuum and sterile air, what is called parison.



## FILL

### FILLING CONTAINERS

The container is immediately filled with the exact right amount of liquid or semi-solid substance.



## SEAL

### SEALING CONTAINERS

Finally, the container is hermetically sealed.



# A PARTNER YOU CAN TRUST

INVENTOR EXPERTISE · FULL LIFECYCLE SUPPORT · PROVEN EXPERIENCE

Rommelag invented Blow-Fill-Seal technology more than 60 years ago. Today, customers benefit from the expertise of the original inventor — combined with decades of real-world production experience and comprehensive lifecycle support.

## FACTS

- ✓ Inventor of BFS technology
- ✓ 60+ years of experience
- ✓ 2.000+ BFS systems in operation
- ✓ 3.000+ batches per year at CDMO
- ✓ Experience across 700+ filled products
- ✓ Regulatory approvals from FDA, EMA, ANVISA and others



## PRODUCTION FLEXIBILITY

PRODUCTION FLEXIBILITY BUILT AROUND YOUR NEEDS

Rommelag supports the optimal production strategy — from development to commercial scale — with maximum flexibility and minimal risk.

Production in Rommelag  
CDMO facilities

Production using  
customer equipment in  
our Pharma Suite

Operation of customer-  
owned machines  
at customer sites

**SCALABLE GROWTH USING THE SAME VALIDATED PROCESS.**



## CONTAINER EXPERTISE

CONTAINERS PRECISELY MATCHED  
TO YOUR APPLICATION

Every pharmaceutical product requires a container tailored to its specific application. Rommelag engineers develop optimized container solutions based on functional, regulatory, and patient-related requirements.

- ✓ Luer-connection ampoules for needle-free withdrawal
- ✓ Collapsible IV bottles for enhanced patient safety
- ✓ Unit-dose eye drop containers with defined drop size
- ✓ Designs optimized for temperature-sensitive biologics

**15,000+ CONTAINER DESIGNS DEVELOPED WORLDWIDE**

***EXPERIENCE GAINED IN REAL  
PRODUCTION ENVIRONMENTS –  
NOT JUST IN THEORY.***

## LIFECYCLE SUPPORT



# LOW RISK

ASEPTIC BY DESIGN · REDUCED INTERFACES · HIGH PROCESS SAFETY

BFS technology minimizes contamination risk by design. Rommelag systems enhance this advantage through integrated processes, reduced interfaces, and consolidated responsibility..

## ROMMELAG PHARMA SERVICE (RPS)

- ✔ Qualification & validation support
- ✔ Production line optimization
- ✔ GMP and facility layout consulting

## PREFERRED CONTAINER DESIGNS

Validated designs based on extensive testing and proven performance – reducing development and operational risk.

**ONE PARTNER.  
ONE TEAM.  
ONE RESPONSIBILITY.**



## SERVICE DESIGNED FOR LONG-TERM PERFORMANCE

DIGITALLY ENABLED. CONNECTED. FUTURE-READY.

- ✓ Support for Pharma 4.0 strategies, data integrity, and long-term compliance
- ✓ Modular Rommelag Service Agreements (RSA)
- ✓ Training for operators and technical staff
- ✓ Machine upgrades and modifications
- ✓ Replacement of discontinued components

### GLOBAL SUPPORT IN 15+ LANGUAGES



### INTEGRATED SOLUTIONS FOR LONG-TERM SUCCESS

The most cost-efficient solution is one that delivers reliable, safe, and efficient performance over decades.

**This is what defines Rommelag.**

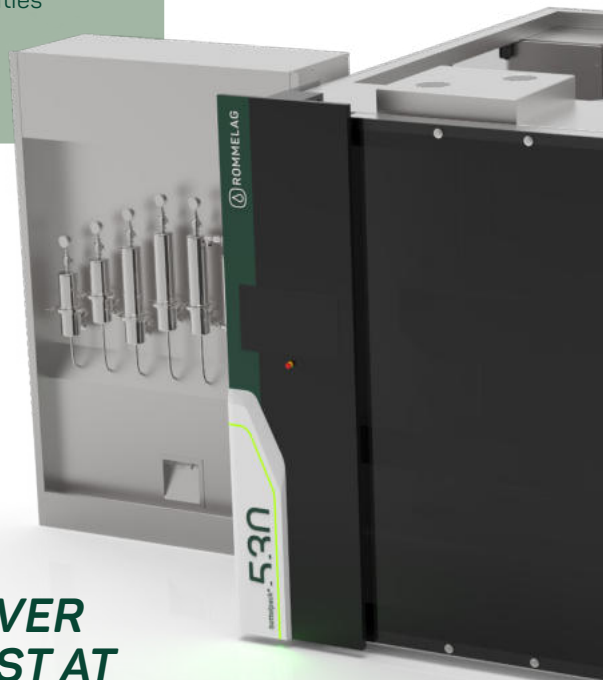
# HIGH QUALITY

DURABLE MACHINERY · LEADING TECHNOLOGY · REGULATORY CONFIDENCE

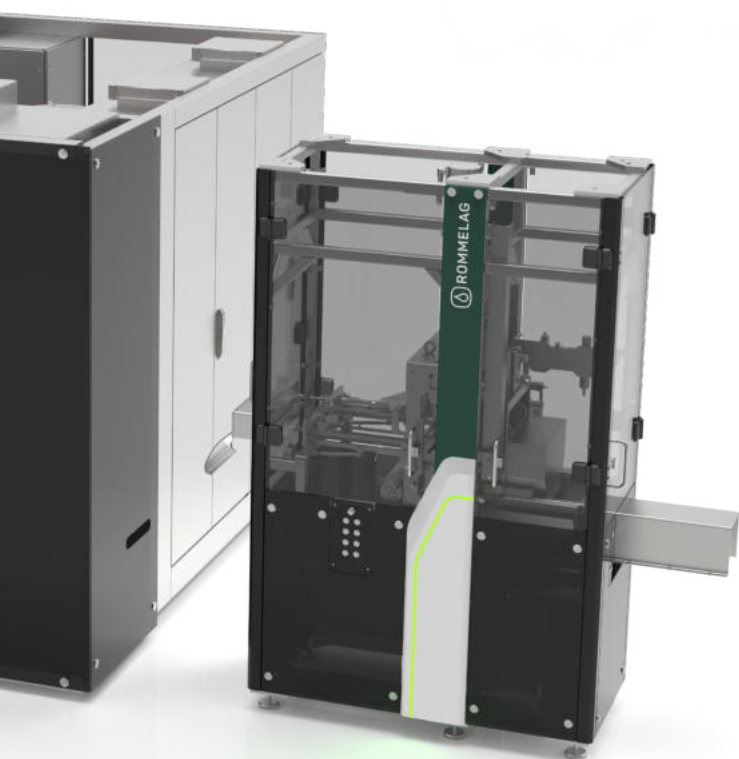
With more than 2,000 BFS machines built — many operating reliably for 20 to 30 years — quality at Rommelag is measured by long-term performance.

## CLOSED PARISON PROCESS — INVENTED BY ROMMELAG

- ✓ Around 500 Closed Parison systems installed worldwide
- ✓ Recognized by regulatory authorities
- ✓ Reduced contamination risk
- ✓ Explicitly addressed in EU GMP Annex 1



**QUALITY PROVEN OVER  
DECADES — NOT JUST AT  
INSTALLATION.**



**INTEGRATED TECHNOLOGY.  
PROVEN QUALITY.  
LONG-TERM RELIABILITY.**