



The agile experts.



ROHNERCHEM

«We want to be recognized as the most agile chemical company in the world.»

Our agile approach

As mid-sized independent Swiss chemical company we are more agile than our larger competitors and can respond to our customers' requirements in a more dynamic customer-centric way. We have over hundred years of experience in (custom) chemical manufacturing and as a CMO, we are used to adapt to the most diverse requirements of our customers. Since 2000, we have invested over 200 Mio CHF in our two multi-purpose facilities. Thanks to our long-lasting customer relationships, our price-winning knowledge and experience, we have realized significant growth of our company since 2012. In our role as contract manufacturer, we understand

that a well-controlled and well-executed planning is a key asset to providing a good service. However, in scale-up situations, the anticipated setup is a constant source of unexpected events. In such situations, it is crucial to adapt quickly and correctly to changing situations. This is what we consider agility: our competitive edge. In order to remain recognized as agile, yet sustainable service provider and to deliver on our market promise, we have initiated the "AgileApproach" program. As part of our company strategy we address to all our 240 employees how each of them can individually contribute to strengthen and live our agility in all services we provide to you.

Daniel Pedrett, Chairman & CEO

Maurits Janssen, Head Marketing, Sales and R&D

Matthias Rümmler, Head Operations

Tobias Jungo, Head Quality Management

Kurt Wehrli, CFO



Our value proposition

Route identification,
Chemical development,
Pilot plant production,
Flawless upscaling,
Full-scale manufacturing,
Continuous improvement

Our services

Agile scale-up

We perform seamless development from laboratory to production at a single site - for a one-stop solution to your needs. For all phases of the scale-up process, from laboratory to production, plant equipment of similar geometry is utilized whether for low temperature (-70° C), high pressure (64 bar) or other processes. Scale-up risks are minimized by agile, interdisciplinary teamwork between development and production departments and where desired with the aid of the pilot plant (50 L up to 1000 L). In addition, thorough scale-up and safety evaluations are performed for each process. In the case of complex processes, evaluations are supported by an automated laboratory processing system.

The pilot plant plays a key role when it comes to agile scale-up - enabling us to leverage our key strengths in terms of reliability, flexibility and speed. This is all supported by a team of dedicated and highly specialized R&D chemists as well as substantial support from dedicated analytical professionals.

Seamless from laboratory to production

- Equipment at all scales from laboratory to production
- Agile step-by-step development minimizes scale-up risks
- Seamless scale-up from laboratory to production at the same site

Our partners

We partner with Solvias to speed up time from small-scale and early phase development to commercial production and our customers benefit substantially from a broad technology service platform in catalysis using high-throughput screening technologies.

We have entered into a strategic cooperation with evocatal for enabling full service offering in enzyme-catalysed reactions - from initial development of tailored enzymes to process development, upscaling and large-scale production.



Swiss custom manufacturing

We perform many types of chemical reactions, from simple processes to highly complex syntheses and in many areas of organic chemistry. The deployment of interchangeable vessels made from a variety of materials of construction guarantees highly flexible production. High-pressure reactions at up to 64 bar even under acidic conditions are possible. Low-temperature reactions at up to -70° C permit highly selective processes by means of advanced chemistry. We have expertise in different isolation techniques such as centrifugation, nutsche filtration and membrane press filtration as well as various homogenization and drying methods, such as spray drying.

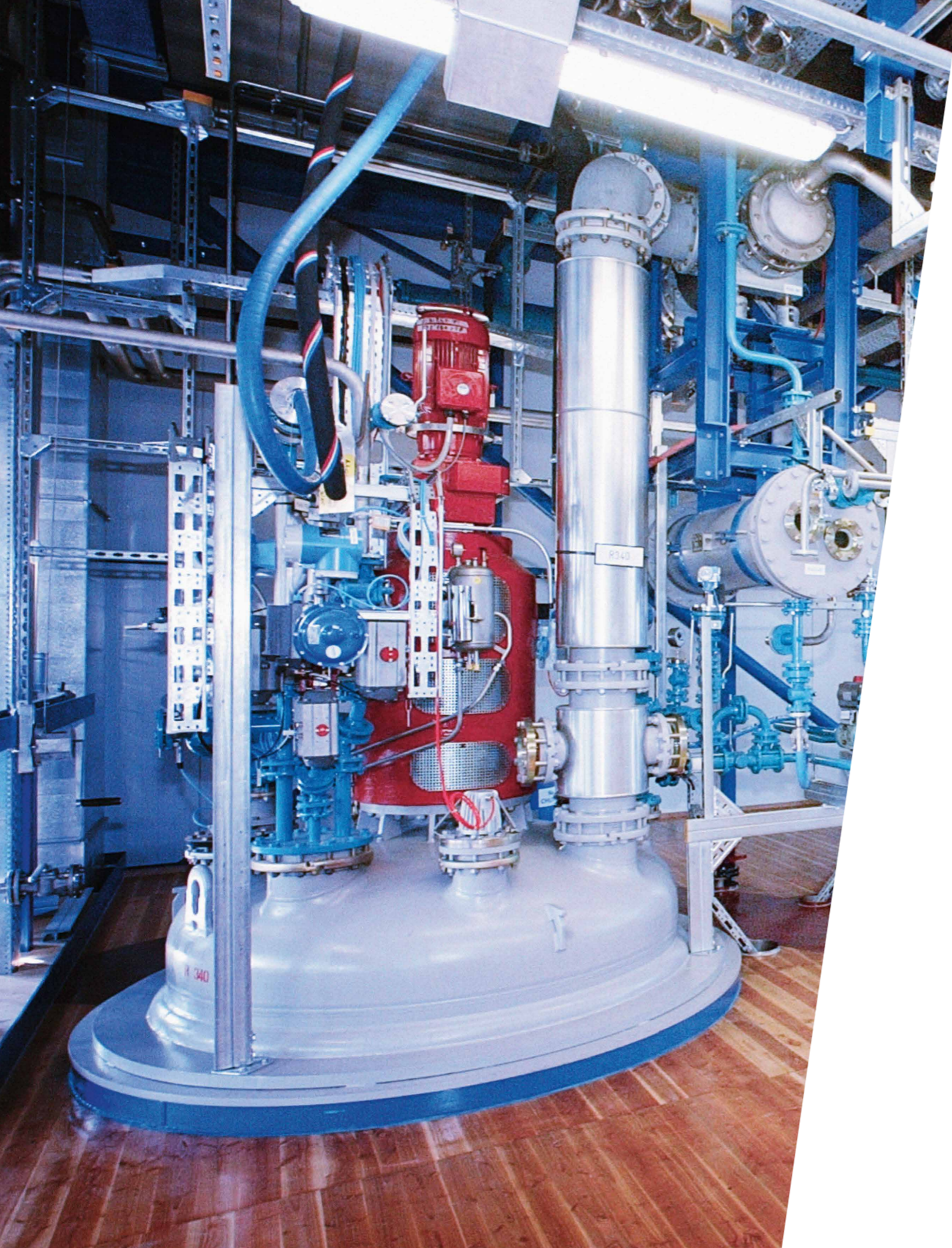
Multi-purpose plants

- Interchangeable equipments of various materials for temperatures as low as -70° C and pressures up to 64 bar
- Diverse toolbox of isolation methods and dryers
- Committed to the highest quality standards, from ISO 9001 to full cGMP compliance



Our core technologies

Low- and high-pressure hydrogenations, hazardous and malodorous reagents, low- and high-temperature reactions.



Our technologies

Low- and high-pressure hydrogenations

Hydrogenations at up to 64 bar. Very high pH-flexibility due to Inconel hydrogenation equipment up to 4000 L. Asymmetric hydrogenations.

Low- and high temperature reactions

Grignards, organolithium chemistry, boronic acids, organozinc chemistry, other low-temperature reactions down to $-70\text{ }^{\circ}\text{C}$ in up to 2500 L reactors. Homogeneous and heterogeneous transition-metal catalysis. Special methods for reduction of platinum metal contents below 10 ppm levels. Suzuki-, Heck-, Kumada-, C,N- and other couplings.

Hazardous and malodorous reagents

Hydrazine hydrate, cyanides, dialkylsulfates, nitrations, alkyllithiums, hydrogen peroxide, alkyl- and arylthiols, nitromethane, bromine, ...

Enzymatic chemistry and enantiomerically pure products

Cooperation with evocatal. Available enzyme families: Alcohol dehydrogenases, transaminases, lipases/esterases, hydroxynitrile lyases, C,C coupling enzymes, ...

Solids handling

Isolation, handling and drying equipment for solids in hastelloy and stainless steel: Inverting filter centrifuges, stirred pressure filters, filter press, vacuum paddle dryers, nutche filter dryers, fluidized bed dryer, spin flash dryer, spray dryer, vacuum tray dryers, air jet mill.

Functional polymers

Polycondensations, polymer modifications, radical and controlled radical polymerisations (atom-transfer radical polymerisations, ATRP) for high-performance polymers.

