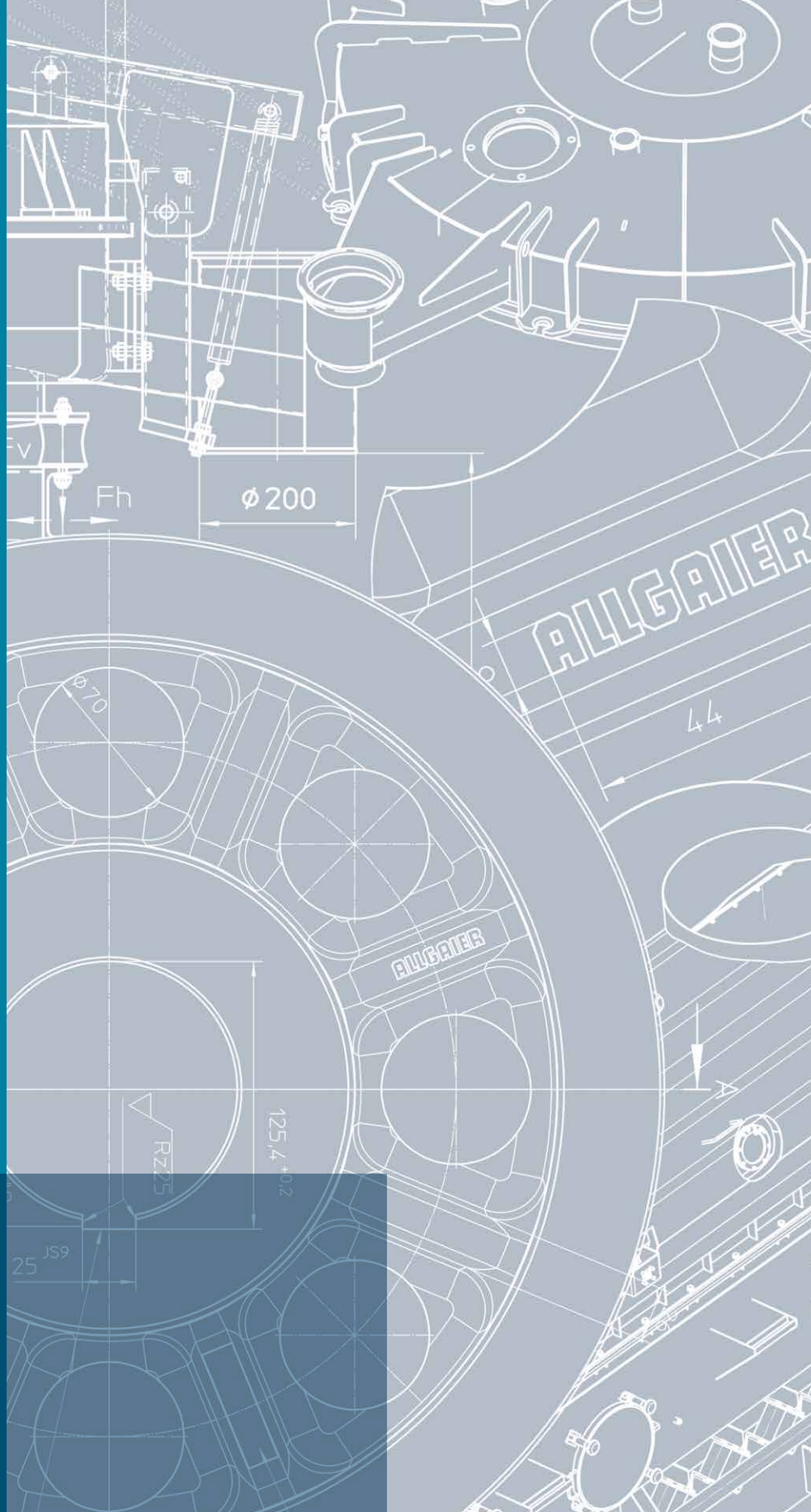


**ALLGAIER**  
PROCESS TECHNOLOGY



**ALLGAIER Process Technology**

Leading Process Solutions



## Leading Process Solutions

ALLGAIER Process Technology specializes in finding the perfect solution for our customers. Whether drying, cooling or screening - we supply customized and standardized systems for a wide range of industries worldwide.

Our experienced team of engineers and technicians works passionately on innovative solutions that are not only efficient, but also guarantee the highest quality. We rely on the latest technologies and our comprehensive know-how to master our customers' individual challenges.

We know that long-term partnerships are the key to success. This is the reason why we focus on the needs of our customers - we listen, develop solutions together and ensure everything runs smoothly. Whether it's the mineral industry, food or recycling - more than 10,000 customers worldwide put their trust in our expertise.

With more than 35,000 test series carried out and a strong international presence, we are ideally positioned to master even the most complex projects. Together we create solutions that are not only efficient, but also protect the environment and use resources intelligently.



## One Solution. Worldwide.

ALLGAIER Process Technology GmbH is part of the globally active, family-run SIEBTECHNIK TEMA Group. This group of companies boasts a success story spanning over 100 years and specializes in mechanical engineering, process engineering, components and services. With more than 3,500 employees in over 50 companies worldwide, SIEBTECHNIK TEMA offers tailor-made solutions for a wide range of industries.

The group's focus is on the processing of mineral bulk materials and solid-liquid separation in the chemical and food industries. The broad product portfolio includes decanters, centrifuges, dryers and an extensive range of screening and setting machines, sampling systems and laboratory equipment. In selected regions, the group also sells special machines and systems as well as exclusive products from the global group of companies.

The company policy of controlled, self-financed growth, which has been consistently pursued for more than a century, not only guarantees a solid economic basis, but also an excellent strategic orientation and an impressive global presence.

**SIEBTECHNIK TEMA and ALLGAIER Process Technology - One Solution. Worldwide.**

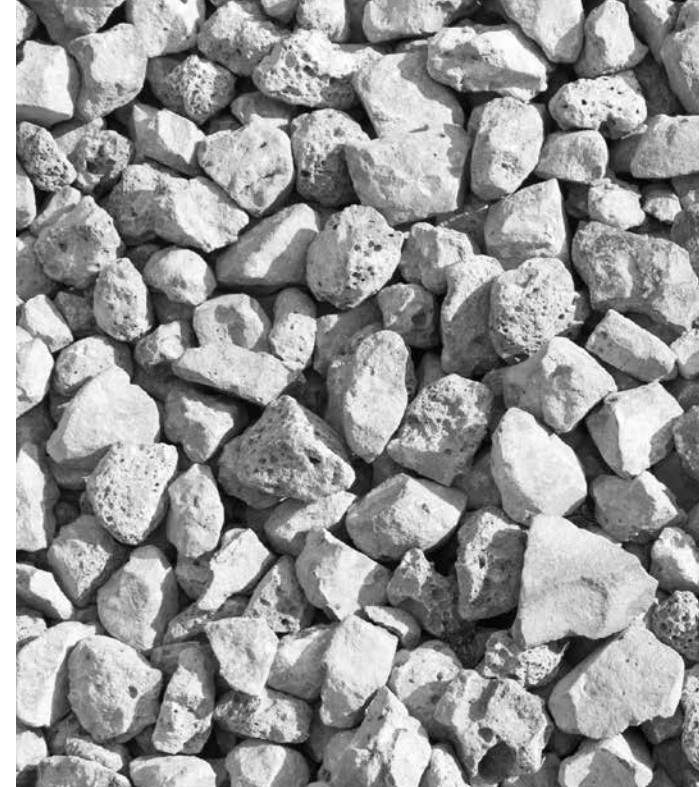




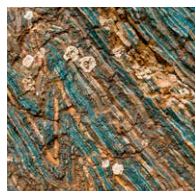









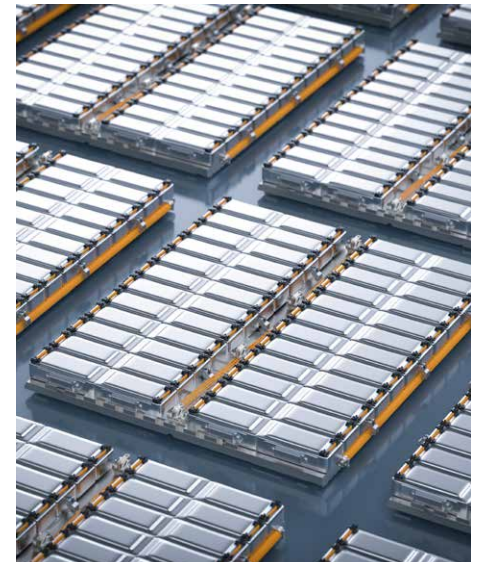
# Your Industry, our Solution.

Trust in the experience from over 35,000 test series and many successfully implemented customer projects. ALLGAIER Process Technology is your reliable partner for process solutions in the waste management, building materials, fertilizer, food & feed, minerals and many more industries.

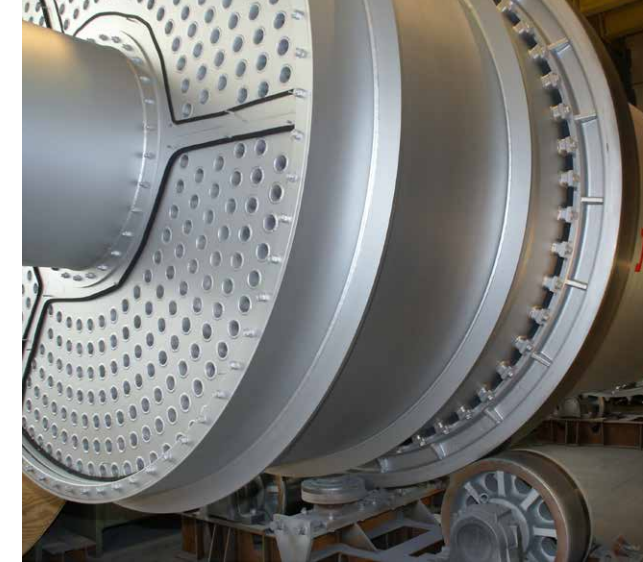
Together we will find the perfect solution for your individual requirements.



	Battery Materials		Fertilizers
	Minerals		Food & Feed
	Wood materials		Chemicals & Pharmaceuticals
	Polymers		Waste management
	Building materials		Biofuels







## Drying. Perfected.

ALLGAIER Process Technology is driving drying technology forward. Our innovative solutions make your production processes more efficient, sustainable and profitable.

Our machine technology is based on established processes such as drum drying, fluidized bed and moving bed technology, as well as airborne layer and rolling bed drying. This means we offer tailor-made solutions for a wide range of industries - whether building materials and minerals, mining, chemicals, plastics, ceramics, feed and fertilizers, recycling or biofuels. Companies from the food and pharmaceutical industries also rely on our know-how.

We offer complete solutions that intelligently combine drying, cooling and calcining with granulation and screening technology. One highlight is our drum dryer „System MOZER®“, a real classic that has been at home in many industries for decades and is constantly being optimized.

**From aluminum oxide to citric acid - we are guaranteed to find a way to dry your products optimally.**

- **Increased efficiency:** Energy-optimized solutions for low operating costs
- **Highest product quality:** Particularly gentle drying processes for every material
- **Flexibility:** Tailor-made systems for your individual requirements
- **Wide product range:** Drum, fluidized bed, air-fed bed dryers and other special dryers





## Cooling. Energy Efficient.

ALLGAIER Process Technology is your partner for efficient cooling solutions. With our many years of experience and our comprehensive know-how, we work with you to develop the optimal solution for your individual requirements.

In many processes, it is crucial that the dried or heated material is reliably cooled before the next processing step. ALLGAIER Process Technology offers tailor-made cooling systems for this, including cooling drums, fluid bed coolers and combined dry-cooling units.

A particular focus is on our rotary tube cooling systems, which not only cool the material gently, but are also used to recover heat from hot bulk materials. This means energy savings and resource conservation in one.

**The result is uniform, gentle product treatment and extremely robust and reliable system operation.**



- **Energy efficiency:** Reducing your energy costs through heat recovery
- **Sustainability:** Conserving resources and minimizing your ecological footprint
- **Product quality:** Gentle cooling for consistently high product quality
- **Durability:** Robust and reliable systems for long-term operation





## Screening. Highly Precise.

When it comes to the perfect screening of materials, ALLGAIER Process Technology is the right partner. We are not only the inventor of tumbler screening technology, our modern screening machines also master every challenge - regardless of whether it is the finest powder with particles under one millimeter or sticky and difficult materials. With our machines, precise and reliable screening is guaranteed.

From the pharmaceutical industry to mining and food - without the right screening system, the separation and further processing of materials would often not be possible at all. This is because the particle size has a major influence on many properties, such as mis-

cibility or dust formation. Our screening machines can be adapted precisely to your requirements and always deliver optimal results.

Our machines are real top performers, especially when it comes to fine and ultra-fine screening. Whether tumbler screen or vibrating screen - they reliably separate both dry and wet materials into the desired particle sizes.

**With ALLGAIER screening machines, you can rely on the highest quality and maximum efficiency - for production that runs smoothly.**

- **Highest product quality:** Consistent particle sizes and improved product features
- **Increased efficiency:** Maximum utilization of your screening area and shorter process times
- **Durability:** Robust construction for reliable operation
- **Flexibility:** Adaptation to your individual requirements and changing production conditions



# Systems that are Convincing.

With ALLGAIER Process Technology you can optimize your production processes. We take care of the planning, construction and commissioning of your system solution - from the initial idea to successful implementation.



In addition to our innovative machines and systems, ALLGAIER also offers complete system solutions and „package units“. This means that you benefit from a broad network of experts and partners - and at the same time have only one contact person for your entire project. This creates tailor-made, complex processing systems that meet the highest standards and deliver high-quality end products.

From centrifugation to drying: Together with our partners, we offer you, for example, a complete solution for the processing of lithium.

Our screening and drying systems can be supplied as complete packages, including all necessary additional units such as conveyor and dosing units, air treatment, hot gas generation and much more. No matter what your requirements are - we ensure that everything works perfectly together.

**With ALLGAIER system solutions, you get an all-round, worry-free solution that takes your production to the next level - efficient, reliable and tailored to your needs.**



**Your complete solution for processing. From individual machines to complete systems and package units - we offer you everything from a single source.**





Installations & commissioning

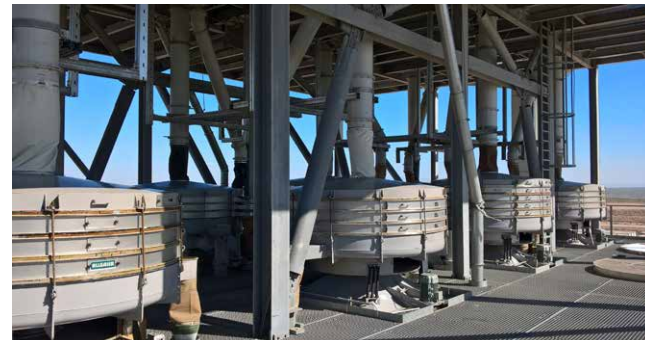
Retrofit & modernizations

Inspection, maintenance & repair

Spare parts supply

Process optimization

Consulting & application training



## Service highlights for screening machines

- Screen covering service – individual, long-lasting design according to customer requirements
- Multibalance – electronic fine balancing for efficient reduction of residual forces
- ATEX recertification – based on current guidelines
- Bearing condition monitoring for preventive maintenance

# Machine Availability, Maximized.

Our comprehensive service expertise ensures high system availability and optimizes the economic efficiency of your processes. Through proactive maintenance measures, we minimize the risk of malfunctions and extend the service life of your machines.

Your machines are the heart of your production - and we ensure that they work reliably and efficiently. With our many years of service experience, we support you in ensuring the availability of your systems and avoiding downtime, even when the going gets tough.

Preventive maintenance is our recipe for success. Together with you, we can put together maintenance and service packages that are tailored precisely to your needs. This gives you the certainty that everything will run smoothly - today and in the future.

With ALLGAIER Process Technology at your side, you can concentrate on what's important - we'll take care of the rest.

Whether it's a dryer or a screening machine: our service experts are there for you, when you need them!

### This is what you can expect from us:

- Individual maintenance and service packages
- Fast delivery of spare parts - standard parts usually within 24 hours
- Reliable and flexible service planning
- International teams of technicians who are also there for you at weekends
- Protection of your machines against breakdowns and extension of their service life
- Help with machine repairs
- Introductions and training on the respective machine

## Service highlights for drying technology

- Mobile running ring and roller processing on drum dryers on site
- Process engineering optimization – analysis of your specific process sequences
- Modernization – retrofitting of old systems and third-party machines
- Energy optimization – evaluation and analysis of energy consumption



# Technical Center - the Basis for your Success

Our process engineering test laboratory is where innovation is created. In our technical center in Uhingen, we carry out practical tests to develop the best cooling, drying and screening solutions for companies worldwide - individually tailored to your needs.

In our technical center that is over 800 m<sup>2</sup>, we test and develop numerous processes every year using the latest technology. These tests, which we are happy to carry out together with our customers, ensure that our solutions function optimally.

## From the technical center to your production

Optimal production through qualified scale-up: We analyze your starting product on a laboratory scale and develop the right system solution for your production machine. This way you minimize risks and maximize efficiency. Enquire now!

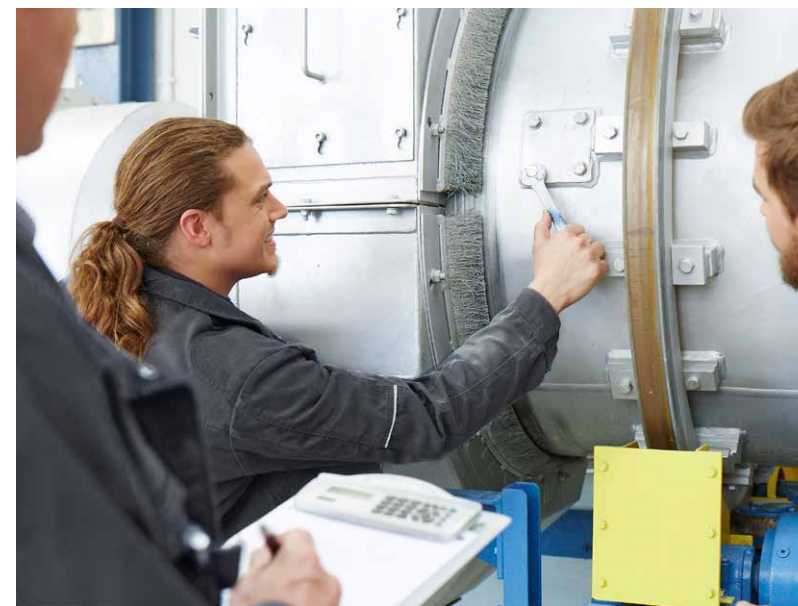


## Your advantages

- Process data: Fast, simple and reproducible results.
- Process parameters: Results even from the smallest sample quantities.
- Machine design: Reliable data for your production machine.
- Laboratory equipment: State-of-the-art technology for precise tests.
- Screening and drying tests: Test machines from 3 litre volume.
- Contract screening and drying: Extensive range of machines and laboratory equipment.
- Rental of machines: In order to avoid expensive special transport, tests with test machines can also be carried out on site

## Competent advice

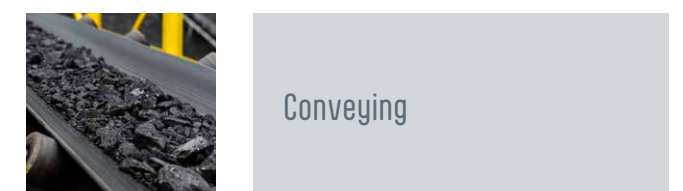
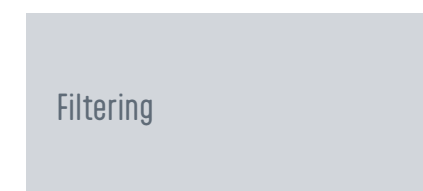
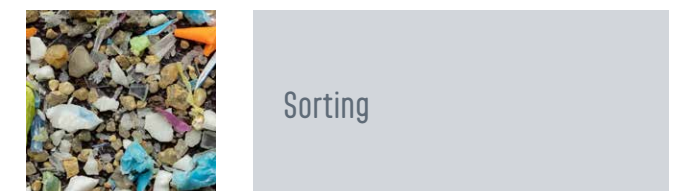
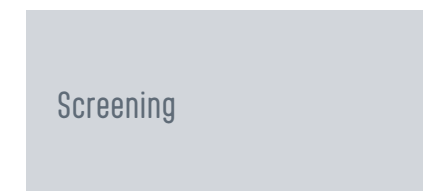
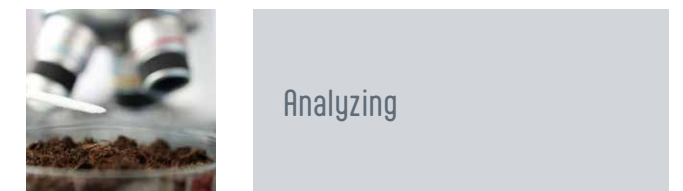
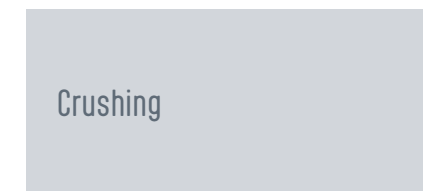
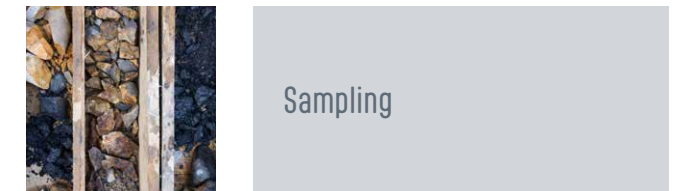
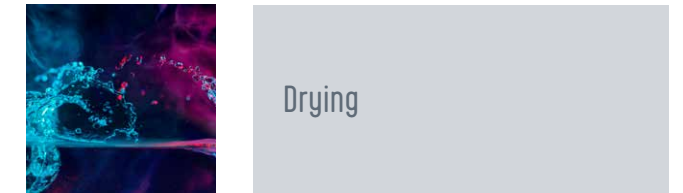
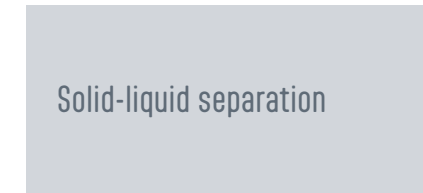
Our experts with decades of experience will advise you comprehensively before you invest in a process solution. We optimize your processes in laboratory and pilot tests. Process alternatives are prepared and coordinated in detail.





# The Whole World of Processing

SIEBTECHNIK TEMA is an expert in the field of solid-liquid separation and the processing of bulk materials. As a renowned OEM & system supplier, the focus is on the decanter and centrifuge business, supplemented by an extensive range of screening and setting machines, sampling systems and laboratory equipment.







# ALLGAIER

PROCESS TECHNOLOGY

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## Leading Process Solutions



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