

Close the loop

With Krones Recycling GmbH



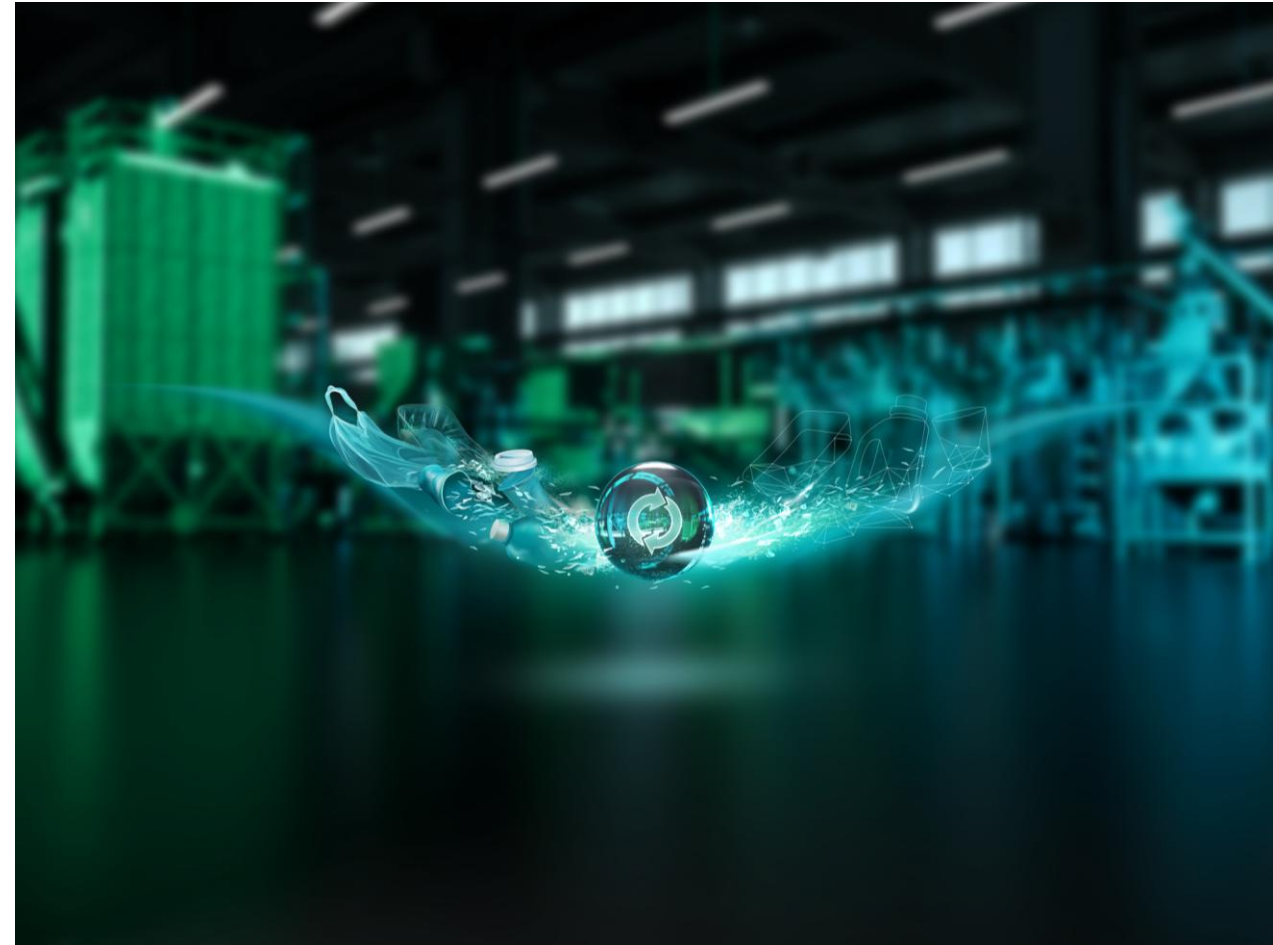
About us



As an **independent subsidiary** of Krones AG, we develop and realise **innovative and efficient** recycling solutions for all plastic materials. The result: **high-quality recyclates** for all applications.

Our **global sales and service network** supports our customers worldwide in achieving their economic and sustainability goals.

By treating plastic as a valuable resource, our recycling plants make an active contribution to the global circular economy every day.



At Krones Recycling, it's not waste

We give disposed plastics a value and close the loop



We supply turnkey plants and single modules to the plastics and waste management industry worldwide, enabling them to produce high-quality recyclates in a sustainable and profitable way. We support our customers as a reliable and forward-thinking partner throughout the entire life cycle of our products.

Experience, progress, responsibility: Our development



Development of the Krones recycling process and set-up of a pilot plant

2004 – 2006

Sale of the first commercial Krones recycling plant to Bangladesh

2008

Krones Recycling GmbH independent subsidiary with focus on plastic recycling

2008 – 2023

July 2024

Customer tests and FDA certification for PET

Several installations worldwide for PET, and since 2018 also for HDPE/PP

New configurations of the MetaPure washing module and concepts for PET trays and flexibles

Our portfolio

Recycling solutions for every scenario



Turnkey plants
complete recycling plants



Modules
for sorting, shredding,
washing and decontamination



Individual machines
for integration or upgrade

Which plastic materials run through our recycling plants?



No matter which plastics, our technology processes PET, HDPE, LDPE, PP, PS and many more materials. We offer tests and feasibility studies in our Recycling Technology Center for all types of plastic.

Highlights of our technology

- Utmost quality of the final products up to food-grade recyclate in accordance with EFSA and FDA certification
- Low consumption of resources: among other things, due to our innovative HydroCircle water cascade
- Gentle handling for low production of fine particles in all recycling processes
- Patented hot washing in the intensive washer of the MetaPure washing modules
- High-quality stainless steel construction for maximum service life
- Flexible concepts that are individually tailored to customer requirements, building or hall specifications, local conditions and necessary earthquake safety measures
- Deep understanding of the industry enables the focus of our processes on global requirements of the circular economy

Technology that works: We use intelligent process control and patented innovations to make plastics recycling more profitable, efficient and sustainable.

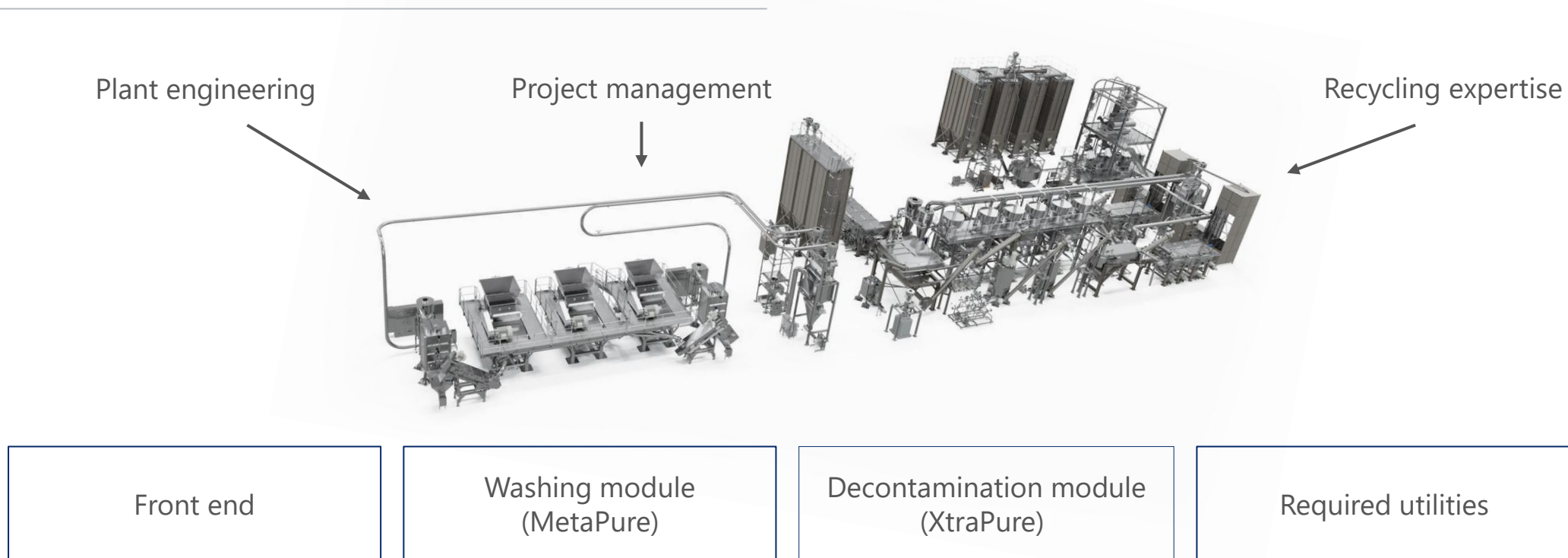


Benefits to you: our complete-system expertise

Krones Recycling as turnkey supplier



Complete recycling plant from a single source



Benefits to you: one single contact partner and fewer interfaces.

Our services

For a successful partnership

Recycling Technology Center



Test centres for tests and feasibility studies

Project management



Planning, co-ordination and implementation of recycling projects

Technical planning and consulting



Development of concepts and planning of plants by our experts

Lifecycle Services



Support throughout the entire product life cycle

From the initial idea to ongoing operation:
With tailor-made recycling solutions and comprehensive support, we are more than just a supplier.
We are a long-term partner for successful plastics recycling.



Over 400 million tonnes of plastic are produced worldwide every year¹ – with innovative recycling solutions, we close the loop and create sustainable, economic added value for our customers worldwide.

¹ Source: Plastics Europe

**We don't see plastic waste as rubbish,
but as a valuable resource.**

How plastics recycling promotes sustainability at Kronos

For a closed loop



- Reduction of plastic pollution, landfill use and the use of fossil resources
- Reduction of CO₂ emissions through efficient recycling
- Saving of water and energy consumption during processing
- Minimisation of fine particles for high-quality recyclates
- Promoting the circular economy by recycling 30 % of the plastics placed on the market by Kronos
- Supporting our customers in meeting statutory quotas

Plastics recycling is an effective way to protect our planet, conserve valuable resources, reduce pollution and create a sustainable, circular future for all.



Your benefits at a glance



Complete system competence

Thanks to our decades of experience in the plastics industry, we implement turnkey recycling solutions, from the initial idea to the finished plant.

Low energy and water consumption

Through intelligent process management and resource-saving technologies, we permanently reduce our customers' consumption, for sustainable economic efficiency and environmental responsibility.

Always at your side

The Lifecycle Service Team of Krones Recycling supports our customers as a forward-looking partner throughout the entire life cycle of your machines and systems.

High-quality recyclates

Our washing technology supplies recyclate in premium quality, the ideal basis for further processing for demanding applications, such as food contact.

Project management and service

Strong global network: A Krones Recycling project management accompanies the entire project, from planning to acceptance. Installation and commissioning are carried out on site by our experienced team of experts – reliably and professionally.

Your enquiry

You can easily enquire a non-binding quotation in our [Krones.shop](https://www.krones.com/shop).





Turnkey solutions
for plastics
recycling

SOLUTIONS BEYOND TOMORROW

Krones Recycling GmbH

