

MetaPure

Washing modules for plastics recycling



 **KRONES**
RECYCLING

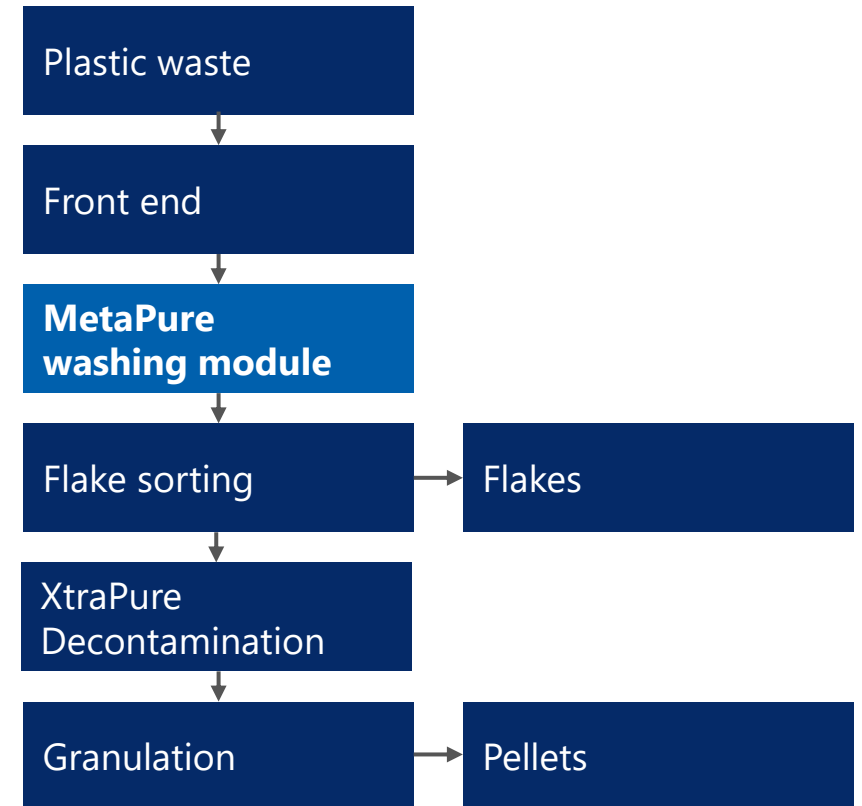
MetaPure

Washing modules for plastics recycling

Whether PET, PE, PP or PS – our washing module guarantees first-class washing results in the recycling process. Even plastic materials which are difficult to recycle can be reliably treated. The available configurations are optimally matched to suit the various requirements of the different plastic types.

At a glance

- Recycling of all different types of plastic waste to flakes of utmost quality
- Tailor-made to meet the requirements of our customers: Available as "Compact" or "Performance" configuration
- Resource-saving, well-proven process
 - Low water and energy consumption
 - Minor production of fine particles thanks to slowly rotating units
 - Patented hot washing in intensive washer



Two configuration types for plastics recycling



Module type	MetaPure Compact	MetaPure Performance
Field of applications	Recycling of bales into flakes	Recycling of bales into flakes
Possible input	1,500 kg/h to 6,000 kg/h	1,500 kg/h to 6,000 kg/h
Surface requirement of complete line (grinding, washing module, flake sorting)	500 – 1,000 m ²	1,000 – 1,600 m ²
Plastic materials*	PET bottles, PET shells, HDPE, PP , PS	PET bottles, HDPE

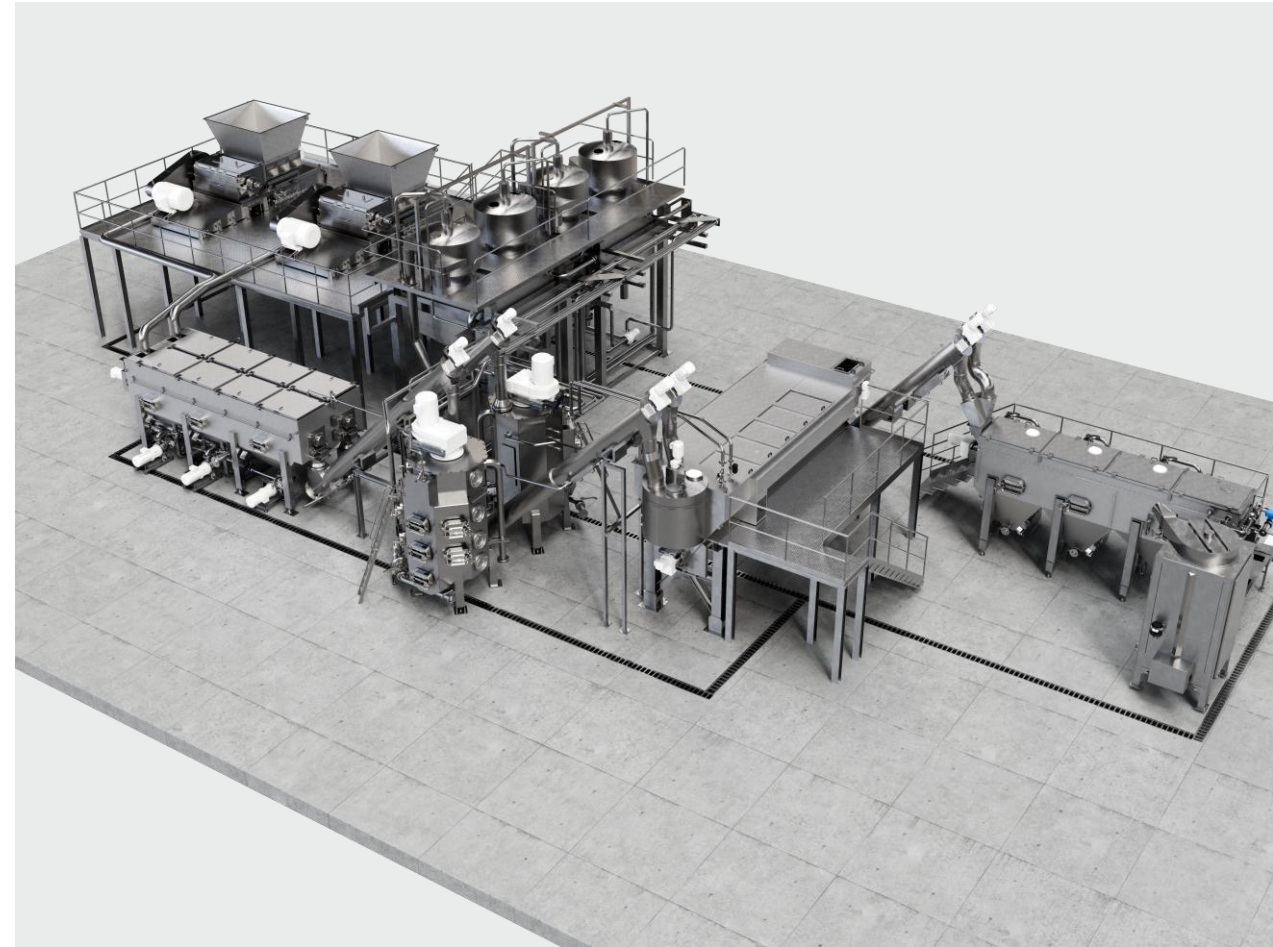
* We offer feasibility studies in our Recycling Technology Center for additional plastics.

Functional details – MetaPure Compact



Compact. Efficient. Versatile.

- Flexibly applicable for PET bottles, PET trays, HDPE, PP and PS
- Very small footprint
- Minimised fine particle production thanks to slowly rotating units and a gentle washing process
- Resource-efficient process: Low water consumption, high energy efficiency
- Outstanding washing results
- Perfect balance between economic efficiency and performance
- High-quality stainless steel design manufactured in-house

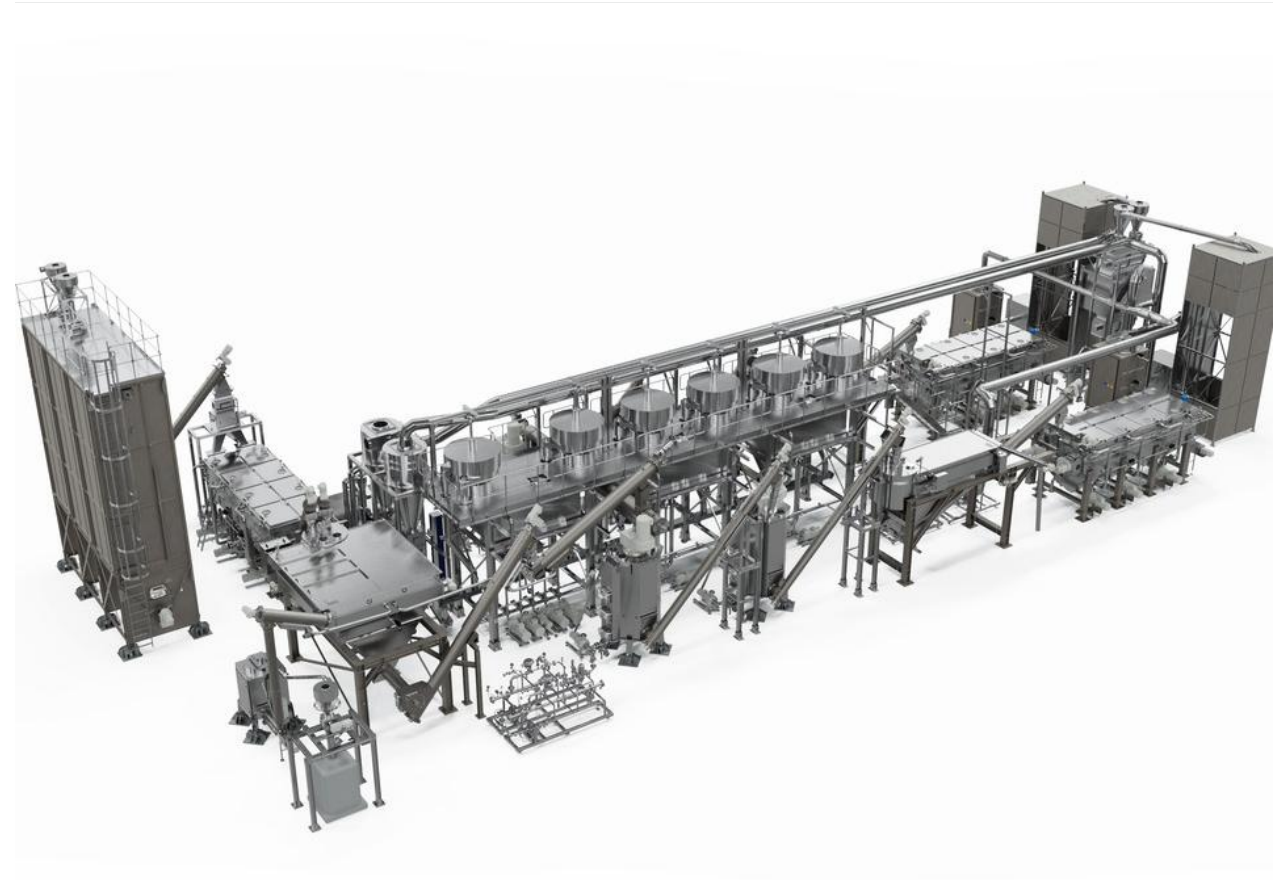


Functional details – MetaPure Performance



Reliable. Stable. Powerful.

- Applicable for PET bottles and HDPE
- Strategic buffer concept for a reliable plant availability
- Reduced fine particle production thanks to slowly rotating units and a gentle washing process
- Resource-efficient process: Low water consumption, high energy efficiency
- Outstanding washing results
- High-quality stainless steel design manufactured in-house



Benefits to you: our complete-system expertise

Krones Recycling as turnkey supplier

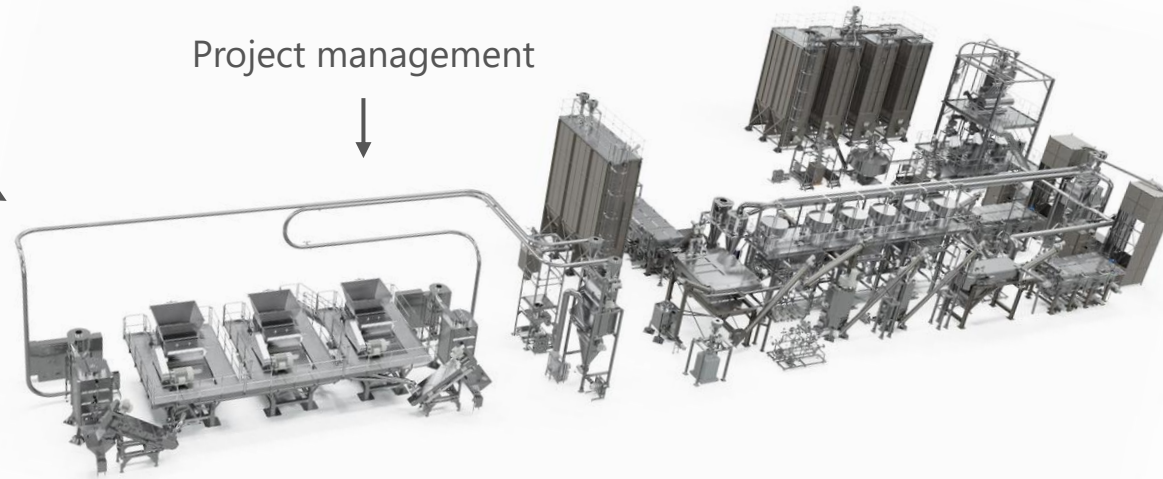


Complete recycling plant from a single source

Plant engineering

Project management

Recycling expertise



Front end

Washing module
(MetaPure)

Decontamination module
(XtraPure)

Required utilities

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

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 manager 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.



**SOLUTIONS
BEYOND
TOMORROW**

