



**All clear for  
efficient recycling.**

Washing technology for plastics.





# Advantage all along the line. Processing plastics with Lindner washTech.



Intelligent engineering, technological expertise, innovative strength: those who wish to recycle more efficiently place their faith in the advantage offered by Lindner. Not only in terms of shredding technology but also along the entire process chain. Utilise the extensive system expertise of Lindner washTech. As a partner of the shredding specialist Lindner reSource, we supply high-performance washing technology, separation systems and driers, coordinate all components perfectly and realise your complete processing system tailored to your needs – for every requirement, in all sizes. This enables you to make short work of contaminated and unsorted plastics waste and to process even the most difficult materials yourselves into clean and single-variety granulate.

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## Our services for your recycling.

- Development of a system concept tailored to your requirements
- Individual conception and delivery of all necessary components, such as
  - Pre-wash screw and friction cleaner
  - Separation systems
  - Thermal and mechanical drier systems
  - Control electronics for smooth production processes and optimum operating comfort
- Integration of the Lindner reSource shredding technology
- Complete assembly and commissioning

## Efficient work. Clear-cut result.

- Reliable processing of even heavily contaminated and unsorted plastics waste such as
  - Agricultural films
  - Plastics from the post-consumer sector such as PET bottles, packaging, films
  - Other contaminated plastics such as meshes, fibres, hard plastics
- Targeted obtaining of the desired plastics fractions such as PE, PP, PS, PET, PVC



Leaders never compromise. Lindner washTech.



# The entire process chain from a single source. Lindner washTech.

Recycling as a smooth process chain: this is the idea behind our standard-setting system concepts. Building on from our decades of experience in the shredding technology, we are today also that decisive step ahead in the field of washing and processing systems. We provide solutions that simply work more efficiently. Because everything is perfectly coordinated.



## Lindner washTech. The system components.



### Separation technology

- **Separation tank** or **hydro cyclones** for separation by specific weight
- **NIR technology** and **air separators** for separation by quality, colour, shape and size of the particles



### Washing technology

- **Pre-wash screw** for separating metals, stones etc.
- **Friction cleaner** with variable rotor designs and screen apertures - for material cleaning during the various processing stages



### Driers

- Optionally with **only mechanical** or **mechanical-thermal** function
- Variable rotor designs
- Continuous dedusting device for outer side of screen and inside of housing



### Shredding technology

- High-performance Lindner reSource **single shaft shredders**, e.g. Micromat Plus, for pre-shredding
- Efficient Lindner reSource granulators for **fine shredding**

For your customised processing solution.

All system components are individually tailored to your requirements.



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