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Beyond Limits.

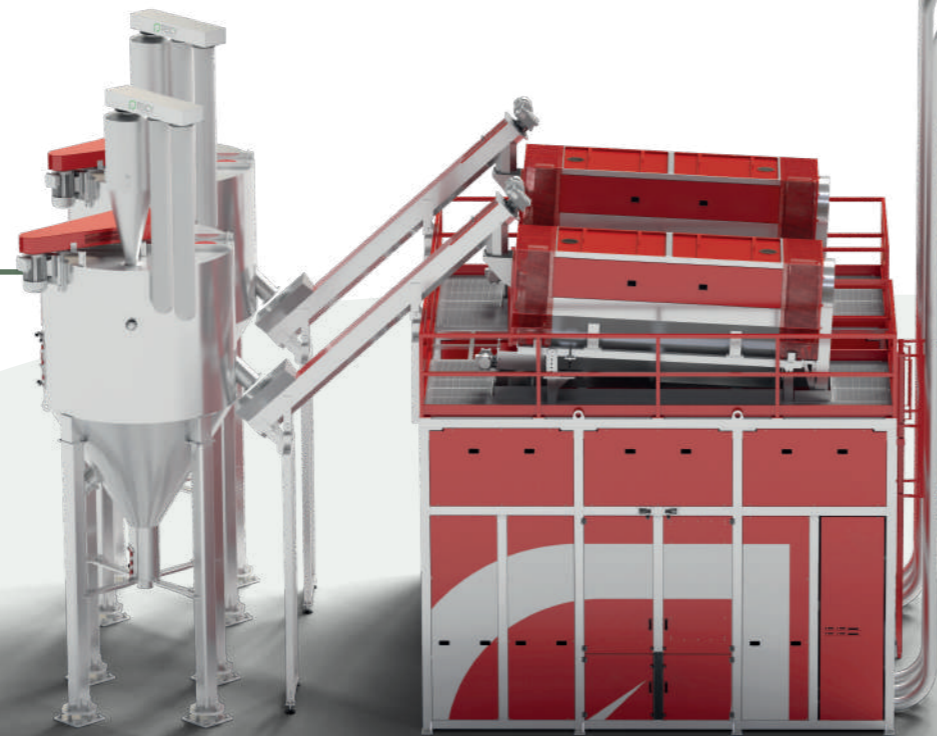
Innovative recycling technologies:
solutions to valorize every
plastic waste

ELECTROSTATIC Separation lines

Our **TRIBOELECTRIC SEPARATION** lines are designed to maximize productivity by offering highly efficient sorting of rigid plastics.

The **TRIBOELECTRIC** unit, dedicated to polymer separation, utilizes electrostatic charges in high-voltage electric fields, adjustable up to 180,000 volts. The line's operating capacity is flexible, handling volumes from 500 kg/h up to 1,500 kg/h, allowing it to adapt to different production requirements.

Cutting-edge technology



Our Plus

- Customized solutions
- Production flexibility
- Maximum reliability
- Highest efficiency
- Excellent results
- High efficiency with low energy consumption

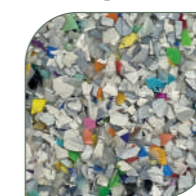
Purity of separation up to 98%



Product process



Mix HDPE PP



Sorted HDPE



Sorted PP

Our technology

The **TRIBO system** utilizes the natural electrical polarization of materials to effectively separate different types of rigid plastics based on their polymer composition.

By harnessing the principle of triboelectricity, it enables the exchange of electrons between materials through contact, ensuring precise and efficient separation.

Thanks to this advanced technology, the TRIBO system achieves separation purities of up to 98%, optimizing performance for materials sized between 3 and 12 mm. It's an ideal solution for those seeking precise and reliable material sorting.