



**HYPER
SHREDDER**

**PLASTIC RENEW
PLASTIC GRANULATOR**

NIKEA



RECYCLING
is beneficial and
cost-effective!



VOLUME REDUCTION 1:10



**DIRECT CONNECTION
TO VACUUM SYSTEM**



**SAFE LOADING SYSTEM
WITH ENCLOSED HOPPER**



Plastic Renew – Industrial Plastic Shredder

Efficiency and Sustainability for Businesses

Plastic Renew is the ideal solution for companies and industries looking to optimize plastic waste management efficiently and sustainably.

Designed for industrial environments, this shredder delivers high performance in reducing plastic volume, making recycling easier and lowering disposal costs.

Equipped with a closed loading hopper for enhanced safety and an advanced HEPA filtration system, Plastic Renew minimizes the release of particles into the environment, ensuring safe operation and compliance with sustainability standards.



BEFORE



AFTER

The Plastic Renew industrial plastic shredder is a strategic investment for companies aiming to optimize plastic waste management, reduce operating costs, and actively contribute to environmental sustainability.

TECHNICAL DATA

Code	Model	Motor	Power Supply	Noise Level	Loading Hopper Size	Dimensions LxHxD	Weight
903HPLASTICRENEW515T	Plastic Renew	5.5 Hp	400V 50/60Hz	70 dB	745x515x230mm	900x1880x830mm	234 Kg

Applications of the Shredder

The Plastic Renew industrial plastic shredder is a versatile and highly efficient solution, ideal for various industrial sectors:

- ✓ **Manufacturing industries** – Optimizes the management of production waste, reducing disposal costs.
- ✓ **Recycling companies** – Facilitates the preparation of plastic materials for reuse, improving recycling process efficiency.
- ✓ **Logistics and packaging sector** – Reduces the volume of discarded containers and plastic materials, simplifying waste management.
- ✓ **Large-scale retail (GDO)** – Enables effective management of plastic waste from packaging, supporting sustainability strategies.
- ✓ **Automotive and components sector** – Supports the processing of plastic scraps from component manufacturing, promoting material recovery.

Thanks to its **high efficiency and operational safety**, Plastic Renew is the ideal choice for those looking **to optimize plastic waste management processes**, enhance corporate sustainability, and reduce operating costs.



The Advantages of Plastic Renew

Volume Reduction: Plastic Renew significantly reduces the volume of plastic waste, optimizing storage space and lowering transportation and disposal costs.

Operational Efficiency: With a robust frame and high-strength blades, the shredder ensures fast and effective shredding, suitable for various types of plastics, including PET, HDPE, PP, and PVC.

Environmental Sustainability: Supports a circular economy by reducing the need for virgin plastic and facilitating the reuse of shredded materials in the recycling process.

Durability and Strength: Built with wear-resistant materials, the industrial shredder guarantees long operational life even under intensive working conditions.

Safety and Compliance: Designed with advanced safety systems to protect operators and compliant with current industrial safety regulations.

Disposal Cost Reduction: Lower waste volume translates into reduced transportation and processing costs, positively impacting company budgets.



Thanks to our dedicated **HEPA13 vacuum systems (optional)**, particles are extracted directly from the cutting chamber and **conveyed to the vacuum, preventing them from becoming airborne.**



Mikea Srl – Innovation for a Sustainable Future

Mikea Srl specializes in the **production of industrial machinery for recycling and packaging waste management, offering advanced solutions such as cardboard shredders, polystyrene shredders, and plastic shredders.** Our systems are designed to optimize warehouse space, reduce waste, and promote recycling, enhancing the sustainability of business processes.

Thanks to our technologies, **companies can lower disposal costs, increase operational efficiency, and transform waste into reusable resources.** We operate according to the principles of the **circular economy**, helping businesses minimize their environmental impact through material reuse and waste reduction.

Reliability, innovation, and sustainability are the core values driving our work. With cutting-edge solutions, we support companies on their journey toward more responsible, efficient, and environmentally friendly management

TECHNOLOGY, SUSTAINABILITY, AND CIRCULAR ECONOMY AT THE SERVICE OF YOUR BUSINESS

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SETTING NEW
STANDARD

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