

State-of-the-art

Recycling Systems



Turn “Waste” Into Profits



Maximize your plastic recycling operations with our **Cutter-Compactor Recycling Machine** — an all-in-one solution designed to reprocess a wide range of **flexible packaging** materials, such as films, edge trim, regrinds or flakes with unmatched efficiency.

Whether you’re handling **industrial waste** or washed **post-consumer waste**, the ReclaPro combines **cutting, drying, compacting, and homogenizing** in a single streamlined system, significantly reducing energy consumption and labour costs.

- Flexible feeding options
- Optimal pre-treatment
- Gentle processing
- Multiple degassing
- Built-in HD camera
- Intelligent control system
- IoT-ready
- Attractive ROI



Compact footprint

Input Examples



Laminated, printed film



Washed flakes



Flexible scrap



BOPP, Cast film



High-quality pellets



Cutter-compactor processing unit



Powerful double degassing



Automatic die-face pelletizer

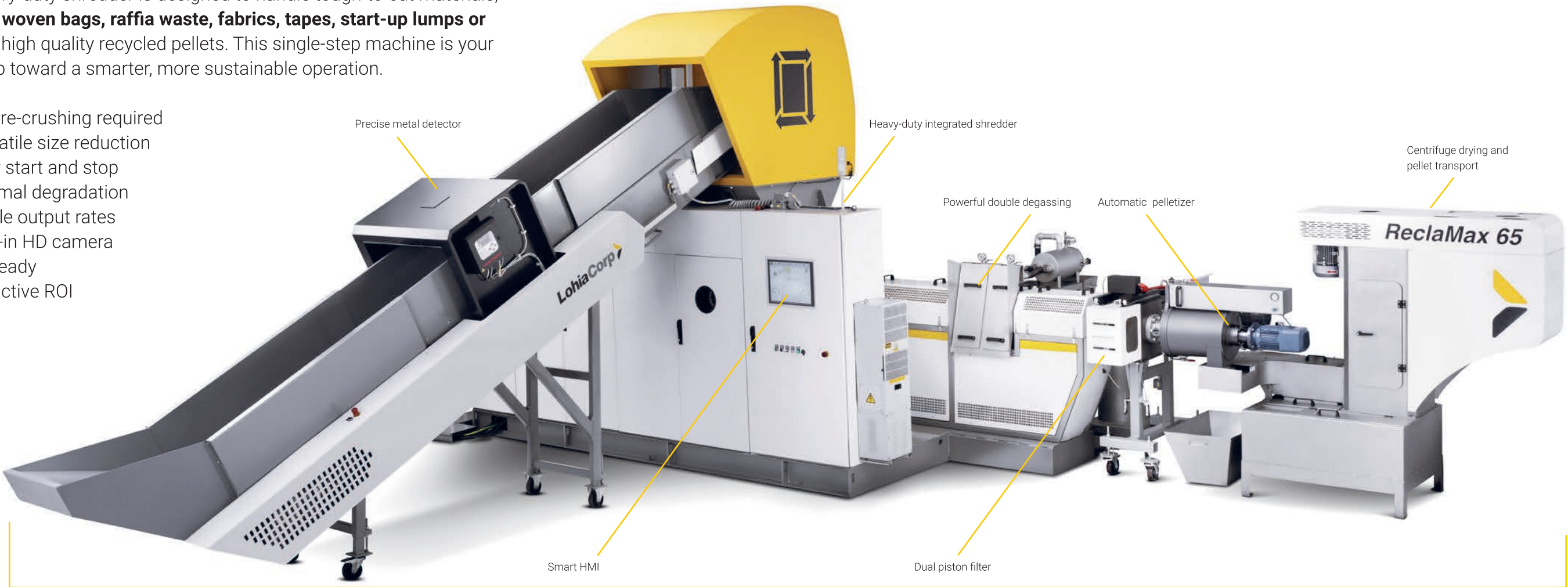
One Machine. Endless Impact



Take control of your **industrial waste** with our **Integrated Shredder-Extruder** — engineered for the most demanding recycling applications.

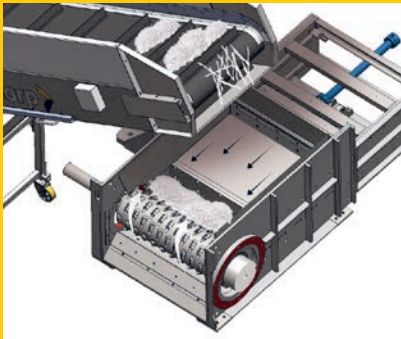
The heavy-duty shredder is designed to handle tough-to-cut materials, such as **woven bags, raffia waste, fabrics, tapes, start-up lumps or films** to high quality recycled pellets. This single-step machine is your first step toward a smarter, more sustainable operation.

- No pre-crushing required
- Versatile size reduction
- Easy start and stop
- Minimal degradation
- Stable output rates
- Built-in HD camera
- IoT-ready
- Attractive ROI



Compact footprint

Input Examples



Shredder system



Smart HMI



Highly efficient filter

Maximize Your **Material Savings**

In today's competitive packaging market, **material efficiency is profit**. Our **plastic recycling machines** help you recover plastic waste and turn it into fully degassed, filtered and homogenized re-granulates. Such **high-quality pellets** are suitable for direct reuse in your production lines, reducing recipe costs by replacing virgin polymer inputs.

Our machines are built to **lead the circular economy** and **open new savings**.



40+ Years of Defining **Excellence** ...

At Lohia Group, we don't just build machines — we build trust, excellence, and lasting partnerships. Through innovation and responsible growth, we strive to make a meaningful contribution to the society. By choosing a machine from Lohia Corp, you

choose consistent quality, efficient production, as well as safe and reliable operations. Founded on the pillars of **engineering precision, customer focus,** and **unwavering integrity**, Lohia Corp has built a legacy of trust, serving clients across **100+ countries**.

... Driving Towards a **Sustainable Future**

Stay Ahead of Regulations

With governments worldwide enforcing **mandatory recycled plastic content laws**, the time to upgrade your recycling capabilities is now. From the EU's **Single-Use Plastics Directive** to extended producer responsibility (EPR) mandates across Asia and legislation is rapidly transforming recycled plastic from an option into a **requirement**.

Our state-of-the-art **plastic recycling machines** are designed to help you meet compliance, reduce costs, and build a sustainable supply chain—without compromising on quality.



Best-in-class **Service**

At Lohia, we support you throughout your plastic recycling machine's lifecycle — from **installation and training to maintenance and upgrades** — ensuring smooth operation.

We offer comprehensive pre- and post-sales services with a skilled technical team managing spare parts, upgrades, and maintenance through automated ERP systems. Our large network of service engineers covering the globe ensure quick response times and efficient support.

With deep expertise in recycling solutions, our goal is to provide you maximum uptime of your machine, giving you peace of mind for your recycling operations.



ReclaMax	Material and Output*	ReclaMax 65	ReclaMax 75	ReclaMax 120
Polypropylene (PP)	Raffia tapes, Loom Waste, Plain/Printed Woven Fabrics, Coated/Laminated (BOPP) Fabrics, Bags, Start-up Lumps	130–150 kg/hr	170–230 kg/hr	470–560 kg/hr
High Density Polyethylene (HDPE)	Raffia tapes, Loom Waste, Plain/Printed Woven Fabrics, Coated/Laminated (BOPP) Fabrics, Bags, Start-up Lumps	120–140 kg/hr	160–230 kg/hr	430–480 kg/hr
LDPE	Films, Strips, Start-up Lumps, Rigids	130–150 kg/hr	180–250 kg/hr	470–560 kg/hr
LLDPE	Films, Strips, Start-up Lumps, Rigids	120–150 kg/hr	160–230 kg/hr	430–480 kg/hr
Pre-operation feed	Origin	Inhouse/Post-industrial		
	Surface Treatment	Non-printed/Printed		
	Contamination	Clean or slightly contaminated		
	Form	Loose		
	Moisture	Dry		

ReclaPro	Material and Output*	ReclaPro 75
Polypropylene (PP)	BOPP Film, Edge Trim, Light Printed Film, Non-printed Film, Non-woven Film (< 50 mfi), Cast Film, PP Shredded Material with and without Color Masterbatch	200–240 kg/hr
	Shredded Raffia Tapes, Loom Waste, Plain/Printed Woven Fabrics, Coated/Laminated (BOPP) Woven Fabrics, Bags	200–240 kg/hr
High density Polyethylene (HDPE)	Edge Trim, Light Printed Film, Multilayer Film, Non-printed Film, Non-woven Film (< 50 mfi), Blown Film, PE Film Flakes	190–240 kg/hr
	Shredded Raffia Tapes, Loom Printed Woven Fabrics, Coated/Laminated Woven fabrics, Bags and Bottle Flakes	200–230 kg/hr
LDPE	Films, Edge Trim, Washed Flakes	210–250 kg/hr
LLDPE	Films, Edge Trim, Washed Flakes	190–240 kg/hr
Pre-operation feed	Origin	Inhouse/Post-industrial/Washed Post-consumer
	Surface Treatment	Non-printed/Printed
	Contamination	Clean or slightly Contaminated
	Form	Loose
	Moisture	Dry/Low-moisture

* All output figures depending on material and quality, subject to trial.



ReclaMax Website



ReclaPro Website



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