

It's time to
re-define productivity.

MICROMAT PLUS Series.



Every challenge is different. And so is every Micromat Plus.

Powerful as always. Flexible like never before.

Superior shredding technology – in its next generation: Micromat Plus is the answer to your individual production needs. Developed from our successful Micromat predecessor model, this machine comes in a broad range of combinable drive units, rotors and blades. Add to this the outstanding innovations for improved handling – plus special options that

will adapt the unit perfectly to given material characteristics in your application. Benefit from this new productivity! Micromat Plus is the ideal shredding solution for recycling companies and plastics processors handling high material volumes.



Point-blade rotor

Some things need not be improved upon. Still, we keep on doing it. Lindner reSource.

In an untiring effort to improve what we already consider to be the best machines in the field, we nevertheless keep on refining our shredder technology. Our engineering competence and advanced volume manufacturing capability enable us to produce standard-setting solutions such as the new Micromat Plus line on a series-production scale. And we do all this with one single objective in mind: to help you boost your productivity.

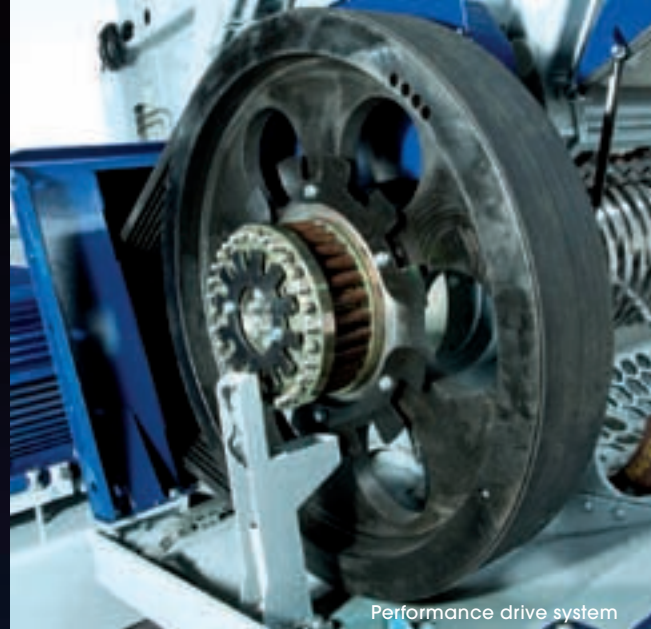


Power as needed: Our drive concepts.

Define your requirements – you have a choice between three drive versions:

- **Basic.** The standard concept with classic transmission technology – rated for rotational speeds from 80 to 120 r.p.m. Suitable for the majority of plastic recycling applications.
- **Performance.** The high-power direct-drive system for the 150 – 300 r.p.m. range delivers high throughput rates. Ideal for shredding clean production waste into small-grained product.
- **Extend.** Equipped with a transmissionless countershaft drive, this 60 to 200 r.p.m. machine version is perfect for shredding bulky, solid or highly contaminated material.

As you would expect from Lindner reSource, all three versions are equipped with a safety coupling to protect against machine damage.



Performance drive system



Internal force feeder



Basic drive system



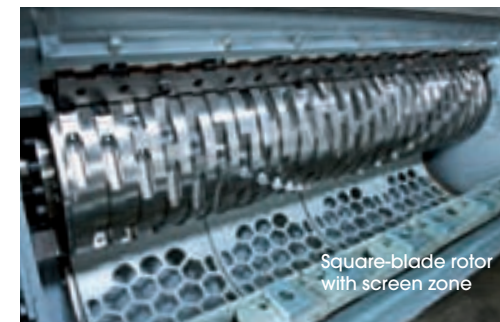
Extend drive system



Point-blades with Monofix system



Open inspection hatch



Square-blade rotor with screen zone

Sharp to the end: Rotors and blades.

To keep your shredding operation running smoothly, selecting the right rotor is important:

- **Point-blade rotor:** for accurate shredding at high throughput rates. Ideal for problem material such as big bags, filaments or shrink film.
- **Square-blade rotor.** Provides controlled pull-in action while saving on electrical power demand. Ideal for hard plastics and similar materials.

Both versions are available with 5 blade sizes each. Blades are easy to change thanks to our patented Monofix system.

A strong plus: Options for special plastics.

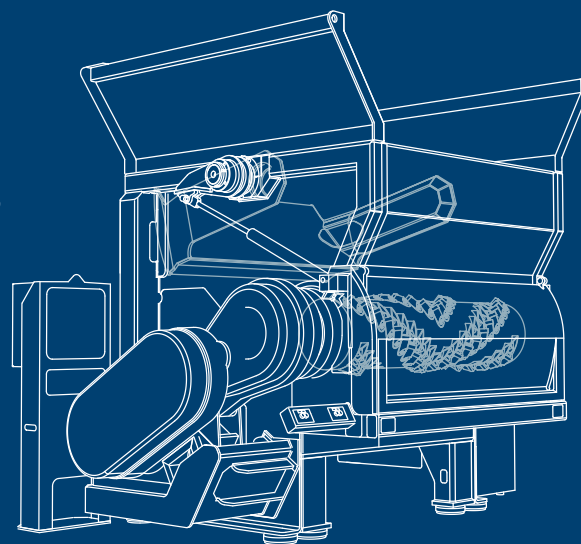
Just the extras you need for your given material:

- **Rotor-cooling** for heat-sensitive plastics.
- **Rotor armoring** for contaminated plastics.
- **Extended frame** to prevent bridging in processes involving large parts.
- **Low-pressure system** for shredding hollow items.
- **Special screens** for high throughputs of fibres, filaments and big bags.

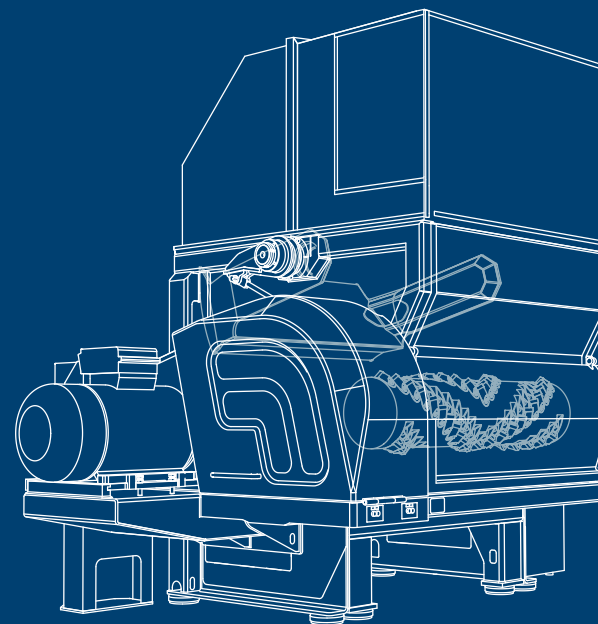
Intelligence pure and simple. New convenience features.

- **Internal force feeder.** New, all-interior mechanical feeder system for clearly increased fill volumes. Simplifies charging and prevents material spills.
- **Patented revision and maintenance hatch.** This hydraulic system with inward-swivelling action allows a rapid removal of obstructions and gives convenient access to the rotors and counter-blades.
- **Patented screen zone.** Provides easy maintenance and rapid screen changes thanks to hydraulic swivelling action and resiliently pre-stressed, clamped screen modules.
- **PLC control.** Optimum operating convenience thanks to range of material-specific programmes that are easy to retrieve and activate. All machines are available with a touch screen and frequency converter.

Lindner reSource MICROMAT PLUS Series



MICROMAT PLUS Basic



MICROMAT PLUS Performance

	Drive system	Rotor diameter (mm)	Motor length (mm)	Motor rating (kW)	Maschine dimension L x B x H (mm)	Charging opening L x H (mm)	Weight (kg)
MICROMAT PLUS 2000	Basic	563	ca. 2,000	90, 110	4,217 x 2,725 x 3,349	2,025 x 2,355	13,500
MICROMAT PLUS 2500	Basic	563	ca. 2,500	110, 132	4,717 x 2,725 x 3,349	2,525 x 2,355	13,500
MICROMAT PLUS 2000	Performance	563	ca. 2,000	110, 132	5,019 x 2,880 x 3,349	2,025 x 2,355	14,000
MICROMAT PLUS 2500	Performance	563	ca. 2,500	132, 160	5,519 x 2,880 x 3,349	2,525 x 2,355	14,000
MICROMAT PLUS 2000	Extend	563	ca. 2,000	110, 132	5,500 x 2,880 x 3,349	2,025 x 2,355	15,300
MICROMAT PLUS 2500	Extend	563	ca. 2,500	132, 160	6,000 x 2,880 x 3,349	2,525 x 2,355	15,300

LINDNER reSource GmbH
 Häldenfeld 4
 71723 Großbottwar / Germany
 Phone: +49 (0) 71 48 16 05 38-0
 Fax: +49 (0) 71 48 16 05 38-9
 E-Mail: info@lindner-resource.com
www.lindner-resource.com


LINDNER
 reSource
 we reduce it.