

State of the LindnerART.



MICROMAT

Single-Shaft Shredder.

*The ART of innovative
SHREDDING!*

we reduce it.
LINDNER
Recyclingtech



Our intelligence belongs to us... and our clients.

For over six decades, our family run business has been supplying clients from all over the world. As a traditional company, we have never lost sight of values such as sustainability, environmental protection and family. On the one side, we have shredders - on the other, optimal systems for processing alternative fuels (RDF). Lindner systems are used in areas such as industrial and commercial waste, domestic waste, as well as in large-scale industries (cement and steel industry) and in power stations. LindnerPOWER for sustainable environmental protection: that's what my name stands for and that's why we have been awarded with the "Global Fuels Award" in Toronto, Canada in 2009.

Instead of resting on our laurels, we are constantly developing further. Today, our company stands on three solid pillars: The Lindner-Recyclingtech GmbH as parent company, Lindner E-Tech (industrial automation technology in the field of shredder technology and installation engineering) and Lindner reSource (Distribution and Service Company of Lindner- Recyclingtech GmbH, planning and implementation of shredder plants for the areas of plastics and recycling).

Our creative heads rotate all the time in search for new technologies and solutions for our clients. We keep our promise: Our intelligence belongs to us ... and our clients.

Yours,

DI Manuel Lindner



Single Shaft Milling Rotor

High granulation quality/capacity at low vibration operations due to spiral knife-assembly; optimised access to rotor



Monofix-System

Knife mounting with one screw only; quick change of cutting knives



Belt Drive/Gear Drive

At customer's option, a belt drive or gear drive is available. Electric motor above belt drive or gear drive on the rotor with safety clutch at the drive



Screen Unit

Easy exchange of screen modules using a clamped and swivel mounted, hydraulically operated system



Maintenance Door/Foreign Part Flap

Direct service access to the rotor. Quick removal of large foreign parts from the cutting chamber. Service friendly maintenance door. Easy change of knives



Hydraulic Pusher System

For operation of the proportionally controlled pusher system, opening of the maintenance door/foreign part flap and swivelling of the screen cassette



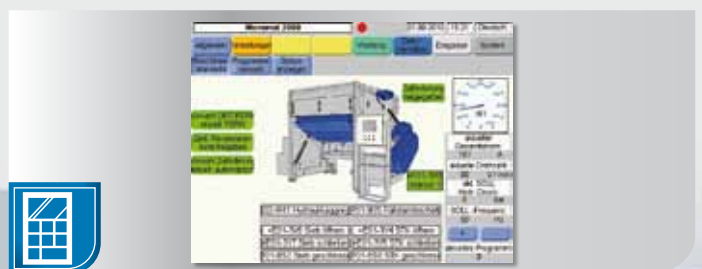
Safety Clutch

Protection against massive machine damage due to safety clutch at gear drive



Levelling Device

Foot elements for levelling of machine and absorption of vibrations



Control System

Programming for material-specific machine adjustments. Maintenance, inspection and failure signals. Available with optional touch screen and remote maintenance



Rotor Cooling (optional)

Uniformly surface temperature at the rotor using a closed cooling system

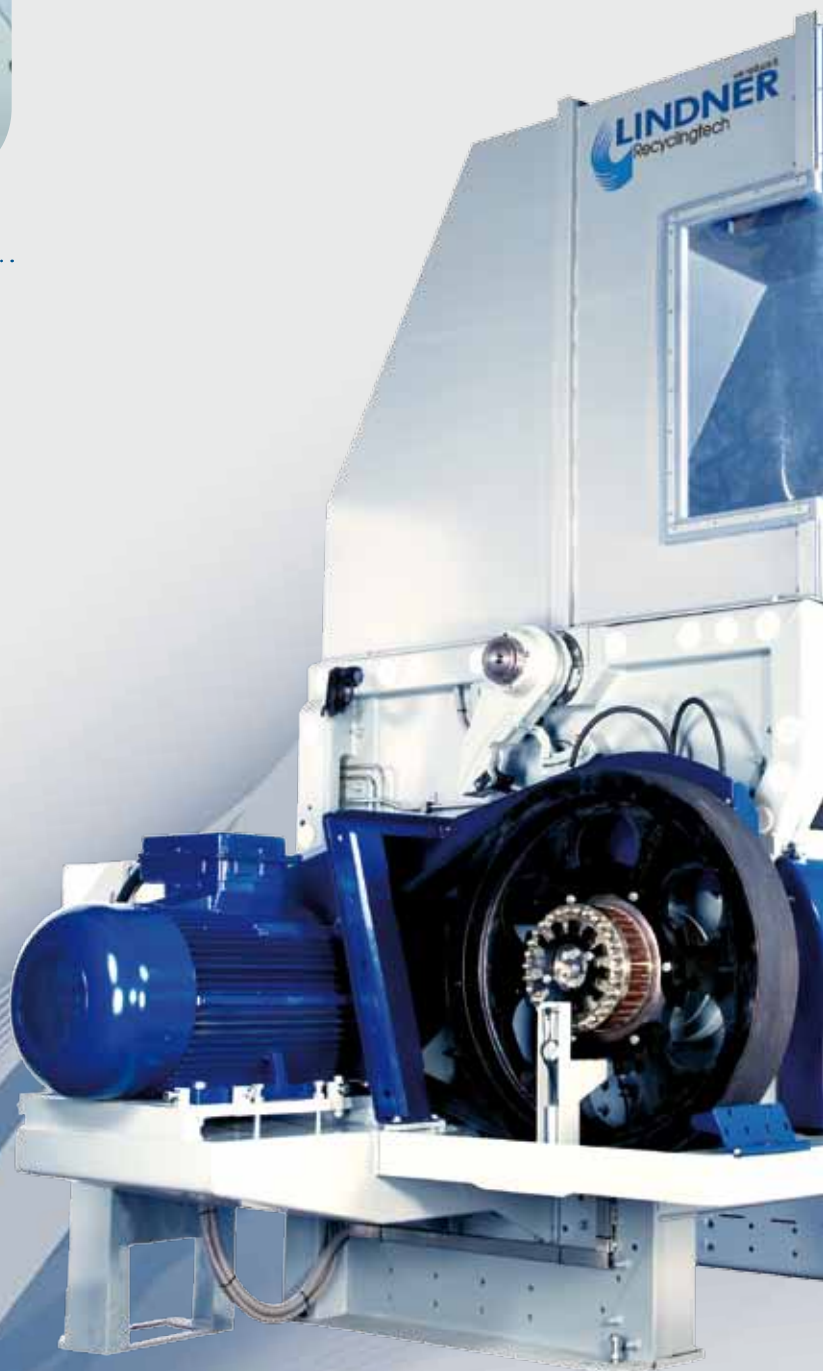


Rammer – internal hydraulic pusher system

RAMMER

What is new and gives you even more advantages?

- Completely internal pusher. No ducting of component parts through casing, therefore virtually enclosed shredding chamber. No sealing, therefore no escape of material and no dirt outside of the machine.
- Shifting of input material during shredding process by special profiling.
- 30 % deeper loading space inside the machine without enlarging the outside dimensions.
- 20 % more filling volume inside the machine without enlarging the outside dimensions.
- Noticeably improved machine feeding from behind and from the sides.



MICROMAT 2000

LindnerPOWER for universal shredding





MICROMAT 2000

LindnerPOWER for universal shredding
Slow-running single shaft shredder

Application

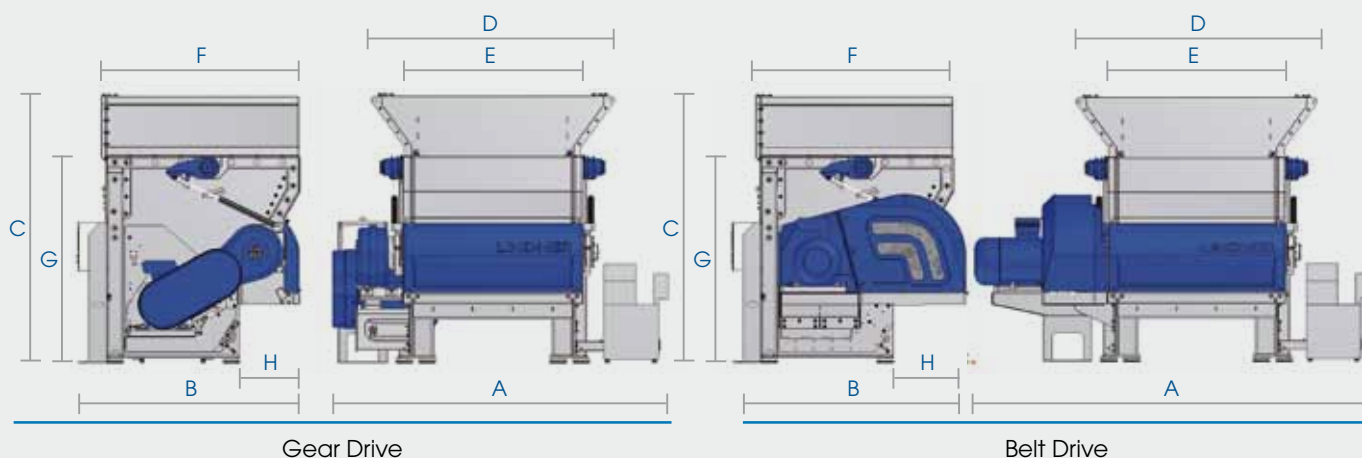
Granulation of mixed plastics for thermal treatment or recycling. Reduction of paper, cardboard, files; granulation of various plastics and foam-plastics, containers, rubber, leather, textiles, floorings, cables, computer scrap, wood and more.

Capacity

Up to 8t/h*



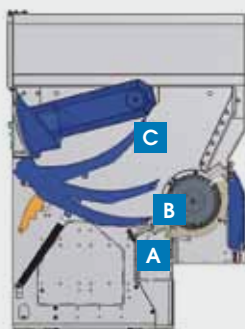
Technical data	Gear Drive	Belt Drive
Feed opening (with hopper)	2790 x 2355 mm	2790 x 2355 mm
Filling volume	4,5 m ³	4,5 m ³
Aperture	2025 x 2355 mm	2025 x 2355 mm
Rotor length	2025 mm	2025 mm
Rotor periphery	563 mm	563 mm
Rotor speed	79 rpm – 84 rpm	265 rpm
Drive power	1x90kW/1x110kW/1x132kW/1x160kW	1x132kW/1x160kW
Total weight (with hopper)	13.500 kg	14.000 kg



Dimensions in mm	A	B	C	D	E	F	G	H
Gear Drive	4.217	2.790	3.380	2.790	2.025	2.405	2.594	680
Belt Drive	5.019	2.945	3.380	2.790	2.025	2.405	2.594	680

Foreign part flap for easy removal of foreign parts without clearing the cutting chamber.

- A** Operating position
- B** Foreign part removal position
- C** Maintenance position



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we reduce it.waste.costs.problems.