



Hydraulically operated screen-system



Foreign part flap for remove of large foreign parts



Multifunctional control system



Direct drive / Countershaft drive



Central lubricating system



we reduce it.

### Shredding technology with success guaranteed

In the year 1948 the Lindner factory was founded for the manufacturing of machines and plants for the wood-working industry. Today the company Lindner-Recyclingtech ranks among the competent enterprises for size reduction technology. The company develops and produces state of the art size reduction machines and processing systems for domestic and industrial waste for thermal treatment and recycling. World-wide exports vouch for highest quality standards of our top-products.

### Proven quality

Our machines and processing systems are equipped with innovative high-level technology, supply excellent results, highest standards and enormous longevity. Our systems ensure saving of time and high availability. Lindner-Recyclingtech offers proven quality - a sound investment.

### Creative solutions for a clean future

Future-oriented thinking, innovative ideas and in-house production - everything under one roof - this is what Lindner-Recyclingtech stands for. Starting with the shredders to the conveying systems and heavy fraction separation, to the complete system approach - we use our know-how and the experience of many years for progressive solutions.

### For every situation - Lindner-Recyclingtech

As well as optimal product quality the enterprise stands also for competent consultation and individual customer service. Experienced staff and qualified technicians are always available to respond to the requirements or problems of our customers; flexibly and fast. Customer satisfaction and service rank amongst the most important values of the company's philosophy.

### Survey of products

Machine	Type = rotor length in mm	Category	Application	Dimensions L x B x H	Weight in kg	Drive	Shredding area in mm	Throughput capacity*
JUPITER	1800	V	Non pre-treated domestic waste, commercial and industrial waste, bulky waste, waste wood, mixed building construction waste	4830 x 3260 x 4900	approx. 26000	1 x 200 kW	1800 x 1750	bis zu 15 t/h
	2200			5200 x 3260 x 4900	approx. 30000	2 x 110 kW	2135 x 1750	bis zu 30 t/h
	3200			6250 x 3260 x 4900	approx. 39000	2 x 160 kW	3190 x 1750	bis zu 50 t/h
METEOR	1800	V	Mixed plastics, paper, cardboard, films, containers, rubber, leather, textiles, floorings, cables, computer scraps, bulky waste, domestic waste, commercial and industrial waste	4830 x 3260 x 4900	approx. 26000	1 x 200 kW	1800 x 1750	bis zu 8 t/h
	2200			5200 x 3260 x 4900	approx. 30000	2 x 132 kW	2135 x 1750	bis zu 10 t/h
	3200			6250 x 3260 x 4900	approx. 39000	2 x 160 kW	3190 x 1750	bis zu 12 t/h
SATURN	2200	V	Mixed plastics, packaging material, paper, plastic films, leather, rubber, pallets, cable drums	6200 x 2900 x 3950	approx. 20000	2 x 110 kW	2135 x 1525	bis zu 7 t/h
KOMET	1100	N	Mixed plastics, paper, cardboard, films, plastics, foam plastics, containers, rubber, leather, textiles, floorings, wood	3330 x 2900 x 4480	approx. 14000	132 kW	1080 x 1315	bis zu 4 t/h
	1800			4020 x 2900 x 4480	approx. 17000	200 kW	1770 x 1315	bis zu 6 t/h
	2200			5815 x 2900 x 4480	approx. 21000	2 x 132 kW	2135 x 1315	bis zu 8 t/h
	2800	6500 x 2900 x 4480		approx. 28000	2 x 160 kW	2825 x 1315	bis zu 15 t/h	
MICROMAT	1500	U	Mixed plastics, paper, cardboard, films, plastics, foam plastics, containers, rubber, leather, textiles, floorings, cables, computer scraps, wood	3770 x 2460 x 2450	approx. 7500	75 kW	1530 x 1500	bis zu 1,5 t/h
	2000			4590 x 2800 x 3000	approx. 11000	90 kW, 110 kW	2030 x 1650	bis zu 2,5 t/h
VEGA	1500	U	See MICROMAT	2700 x 1500 x 2610	approx. 7000	55 kW	2200 x 1500	bis zu 1 t/h
MERAK	1500	V	Car-, truck-, tractor-tires, plastic- and steel-barrels	3520 x 2680 x 3400	approx. 13000	55 kW, 75 kW	1950 x 1530	bis zu 8 t/h



### RDF Processing Systems

We work to customer requirements and market demands and serve everything from one company: pre-shredding, heavy fraction separation, secondary-shredding, conveying. Ask for our brochure for Alternative Fuel Processing Systems!

The expert in shredding.

we reduce it. waste. costs. problems.



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Status quo: October 2006 - technical changes, literal mistake and errors reserved.

Rechtswerte abhängig von Material, Input- und Output-Größe

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KometDustIgnatWaad



## TECHNICAL STANDARDS



### Monofix-System

Knife fixation with only one screw.  
Quick change of knives



### Ecofix-System (Twin-Shaft Rotary Shears)

Special knife mounting system for twin-shaft knives without dismantling of rotors – knives screwed onto support disks



### Single-Shaft Milling Rotor

High granulation quality and efficiency at low vibration run by spiral knife-assembly



### Safety Clutch

Protection against massive machine damage by safety clutch directly mounted on rotor shaft



### Hydraulic Pusher System

Problem-free material-supply to rotor by guideless, sickle-shaped pusher system



### Screen unit

Easy exchange of screens by means of hydraulically operated system



### Maintenance Door / Foreign Part Flap

Direct service-access to rotor / quick removal of foreign parts out of the cutting chamber



### Rotor Cooling

Provides almost constant temperature on rotor surface by closed cooling-system



### Central Lubricating System

Easy lubrication of the most important bearings



### Control System

Programming for material-specific machine-adjustments. Service- / inspection- / failure-signals



### Frequency Converter

Performance optimization, reduction of energy-requirement and selective rotor-speed control



### Direct Drive / Countershaft Drive

Simple, robust and low-maintenance drive system with active oscillating weight



### Leveling Device

Machine-foot-element as leveling device and vibration cushion

## CATEGORY / APPLICATION AREA



### Primary Shredders

Shredding of non-pretreated waste materials



### Secondary Shredders

Granulating of primary treated waste materials



### Universal Shredder

Shredding of preferably pretreated waste materials



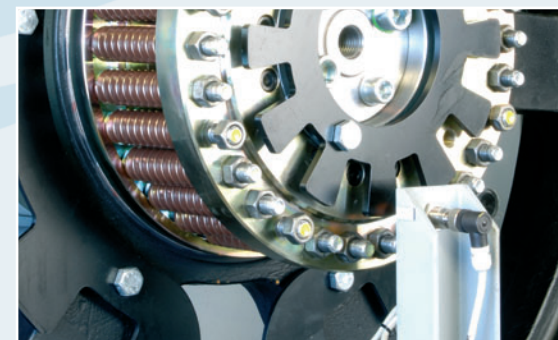
Monofix-system at single-shaft shredder



Ecofix-system at twin-shaft shredder



Single-shaft milling rotor with spiral knife-assembly



Safety clutch



The pusher system prevents of material deadlock

## JUPITER



- Slow-running single-shaft coarse shredder
- Cutting system = defined output-sizes

### Application:

Domestic waste / bulky waste / industrial waste

### Capacity:

Throughput: up to 50 tons per hour (domestic waste / sickle screen), Granulate-size: approx. 100 – 300 mm

### Technical data:

Rotor length: 1800 mm / 2200 mm / 3200 mm  
Drive power: 1 x 200 kW / 2 x 110 kW / 2 x 160 kW  
Knife size: 145 x 145 mm  
Weight: approx. 26000 kg – 39000 kg



## METEOR



- Innovative single-shaft shredder
- Cutting system = defined output-sizes

### Application:

Difficult material with large foreign parts

### Capacity:

Throughput: up to 12 tons per hour (e.g. domestic waste, commercial waste), Granulate-size: approx. 50 – 120 mm

### Technical data:

Rotor length: 1800 mm / 2200 mm / 3200 mm  
Drive power: 1 x 200 kW / 2 x 132 kW / 2 x 160 kW  
Knife size: 116 x 116 mm, 87 x 87 mm  
Weight: approx. 30000 kg – 39000 kg



## SATURN



- Low speed single-shaft shredder
- Cutting system = defined output-sizes

### Application:

Difficult material

### Capacity:

Throughput: up to 7 tons per hour (e.g. mixed plastics / 80 mm screen), Granulate-size: 60 – 130 mm

### Technical data:

Rotor length: 2200 mm  
Drive power: 2 x 110 kW  
Knife size: 116 x 116 mm  
Weight: approx. 20000 kg



## KOMET



- Fast running single-shaft shredder
- Cutting system = defined output-sizes

### Application:

Pre-shredded plastics / paper / rubber etc.

### Capacity:

Throughput: up to 15 tons per hour (e.g. mixed plastics / 30 mm screen), Granulate-size: 10 – 100 mm

### Technical data:

Rotor length: 1100 mm / 1800 mm / 2200 mm / 2800 mm  
Drive power: 1 x 132 kW / 1 x 200 kW / 2 x 132 kW / 2 x 160 kW  
Knife system: Rib knife  
Weight: approx. 14000 kg – 28000 kg



## MICROMAT



- Slow-running single-shaft shredder
- Cutting system = defined output-sizes

### Application:

Mixed plastics / cardboard / containers / computer scrap

### Capacity:

Throughput: up to 2 tons per hour (e.g. PE-film bales / 20 mm screen), Granulate-size: 15 – 80 mm

### Technical data:

Rotor length: 1500 mm / 2000 mm  
Drive power: 1 x 75 kW / 1 x 90 kW / 1 x 110 kW  
Knife size: 43 x 43 mm  
Weight: approx. 7500 kg – 11000 kg



## VEGA



- Economical single-shaft shredder
- Cutting system = defined output-sizes

### Application:

Mixed plastics / paper / rubber etc.

### Capacity:

Throughput: up to 1 ton per hour (e.g. loose plastics / 50 mm screen), Granulate-size: 10 – 80 mm

### Technical data:

Rotor length: 1800 mm  
Drive power: 1 x 55 kW  
Knife size: 43 x 43 mm  
Weight: approx. 7000 kg



## MERAK



- Slow-running twin-shaft rotary shears
- Individually exchangeable knife segments

### Application:

Car- / truck- / tractor-tires / plastic- and steel-barrels

### Capacity:

Throughput: up to 8 tons per hour (e.g. car tires)  
Granulate-size: undefined

### Technical data:

Rotor length: 1500 mm  
Drive power: 1 x 55 kW / 1 x 75 kW  
Knife size gestuff: 100 / 96 / 92 / 88 mm  
Weight: approx. 13000 kg



## HEAVY FRACTION SEPARATOR



## CONVEYERS

