

State of the LindnerART.



KOMET/POWER KOMET

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 produce shredders, on the other, optimal systems for processing alternative fuels (RDF). Lindner systems are used for applications 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. I put my name behind this entirely, and this is why we were awarded the "Global Fuels Award" in Toronto, Canada in 2009.

Instead of resting on our laurels, we are constantly developing further. Today, our company rests on four solid pillars: The Lindner-Recyclingtech GmbH as parent company, Lindner E-Tech (industrial automation technology in the field of shredder technology and installation engineering), Lindner reSource (distribution and service company of Lindner-Recyclingtech GmbH, planning and implementing shredder plants for plastics and in the field of recycling), and Lindner America LLC (distribution and service company of Lindner-Recyclingtech GmbH in America).

Our creative heads keep turning in search for new technologies and solutions of our clients. We keep our promise: Our intelligence belongs to us...and our clients.

Yours,



DI Manuel Lindner



Screen Unit

Easy change of the screen modules using a swivel mounted hydraulically operated system



Maintenance Door/Foreign Part Flap

Service friendly maintenance door. Direct service access to the rotor. Easy change of knives



Rib Knife

Continuous cutting edges using rib-shaped knife segments and adjustable scrapers assure maximum cutting performance



Scraper

Easy change of the scrapers using a swivel mounted hydraulically operated system



Countershaft Drive

Electric motor using double belt drive (countershaft) on the rotor. Simple, robust, and low-maintenance drive system with centrifugal mass



Rotor Cooling (optional)

Constant surface temperature on the rotor using a closed cooling system



Safety Clutch

Protection of drive components from massive machine damage using a safety clutch directly mounted on the rotor



Central Lubrication System

Simple lubrication of the most important bearings



Control System

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



Frequency Converter

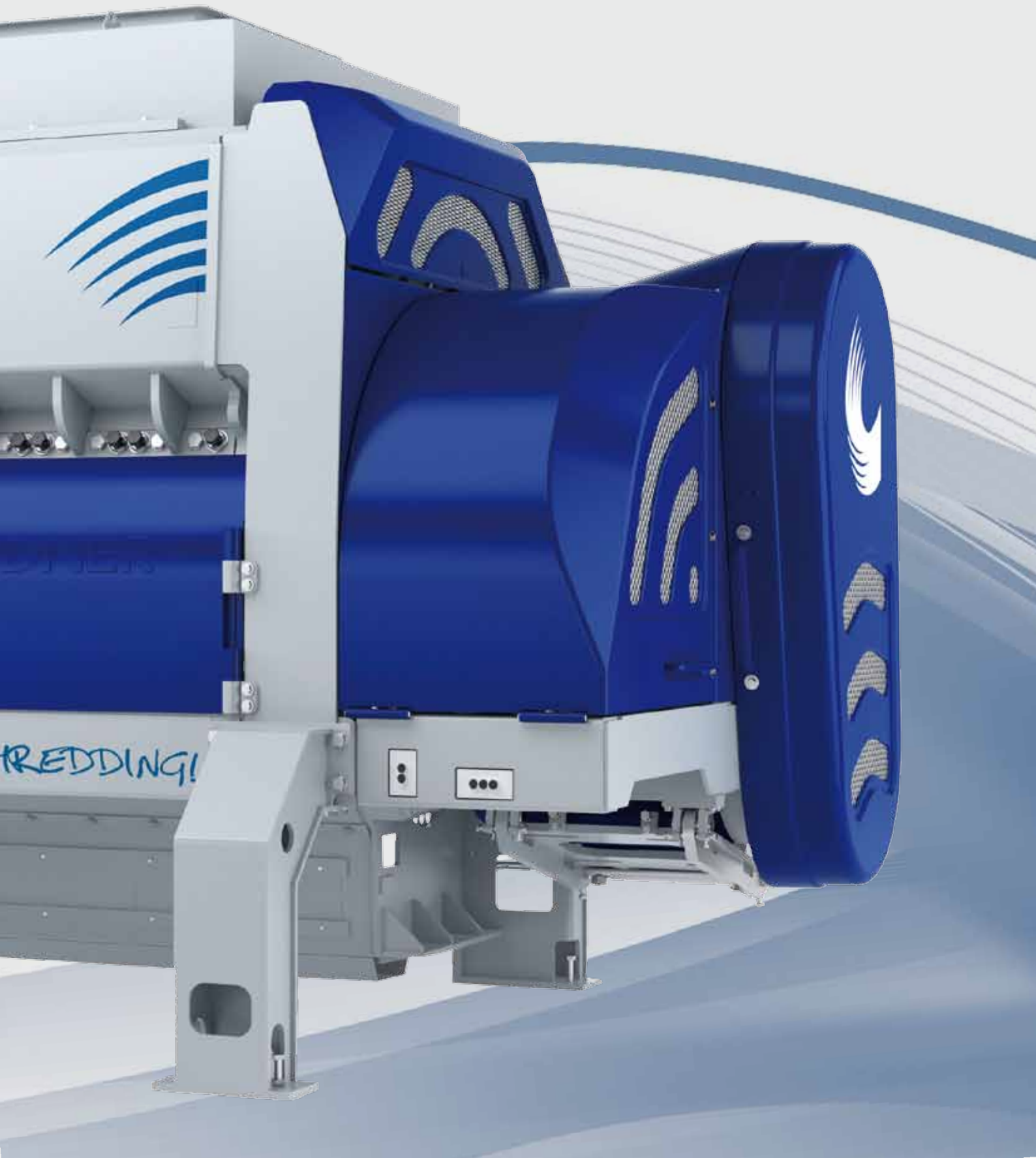
Performance optimization, reduction of the energy requirement and selective rotor speed control



KOMET 1100 - 2800

POWER KOMET 1800 - 2800

LindnerPOWER - Single shaft shredder with even more power



POWER KOMET 1800 – 2800

LindnerPOWER – Single shaft shredder with even more power

Robust single shaft shredder, especially suited for the secondary size reduction/granulation of pre-shredded material (free of large foreign parts).



Application:

Commercial waste for thermal treatment or recycling. For example paper, cardboard, plastics, foam plastics, rubber, leather, textiles, floorings, etc.



Throughput capacity:

E.g. for mixed plastics up to 15 t/h (output granulate of approx. 20 – 30 mm*)

| Technical Data: | POWER KOMET 1800 | POWER KOMET 2200 | POWER KOMET 2800 |
|--|--------------------|--------------------|--------------------|
| Hopper space | 3,3 m ³ | 4,5 m ³ | 5,3 m ³ |
| Shredding area | 1770 x 2030 mm | 2135 x 2030 mm | 2825 x 2030 mm |
| Rotor length | 1770 mm | 2115 mm | 2805 mm |
| Rotor periphery | 740 mm | 740 mm | 740 mm |
| Rotor speed | 264 rpm | 264 rpm | 264 rpm |
| Drive power | 200 kW | 2 x 132 kW | 2 x 160 kW |
| Hydraulic pusher system | 11 kW | 11 kW | 11 kW |
| Total weight including suction hood (standard) | 21000 kg | 25500 kg | 29500 kg |

KOMET 1100 – 2800

Throughput capacity:
up to 15 t/h



| Technical Data: | KOMET 1100 | KOMET 1800 | KOMET 2200 | KOMET 2800 |
|--|--------------------|--------------------|------------------|--------------------|
| Hopper space | 1,7 m ³ | 3,3 m ³ | 4 m ³ | 5,3 m ³ |
| Shredding area | 1080 x 1265 mm | 1770 x 2030 mm | 2135 x 2030 mm | 2825 x 2030 mm |
| Rotor length | 1060 mm | 1770 mm | 2115 mm | 2805 mm |
| Rotor periphery | 740 mm | 740 mm | 740 mm | 740 mm |
| Rotor speed | 355 rpm | 355 rpm | 355 rpm | 355 rpm |
| Drive power | 1 x 132 kW | 1 x 200 kW | 2 x 132 kW | 2 x 160 kW |
| Hydraulic pusher system | 7,5 kW | 11 kW | 11 kW | 11 kW |
| Total weight including suction hood (standard) | 14500 kg | 19500 kg | 23000 kg | 26500 kg |



we reduce it.

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