

State of the LindnerART.



UNIVERSO

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



Single Shaft Milling Rotor

High shredding quality/-performance at low-vibration run by spiral-shaped knife assembly



Monofix-System

Knife fixation using only one screw. Quick change of knives



Drive Power

Electric motor via v-belt-drive and transmission on the rotor with a safety clutch on the gearbox



Screen Unit

Easy change of the screen modules using a 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

Problem-free material delivery to rotor using unguided, sickle shaped, hydraulic pusher system



Safety Clutch

Protection from massive machine damage using a safety clutch on transmission



Hydraulics

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



Control System

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



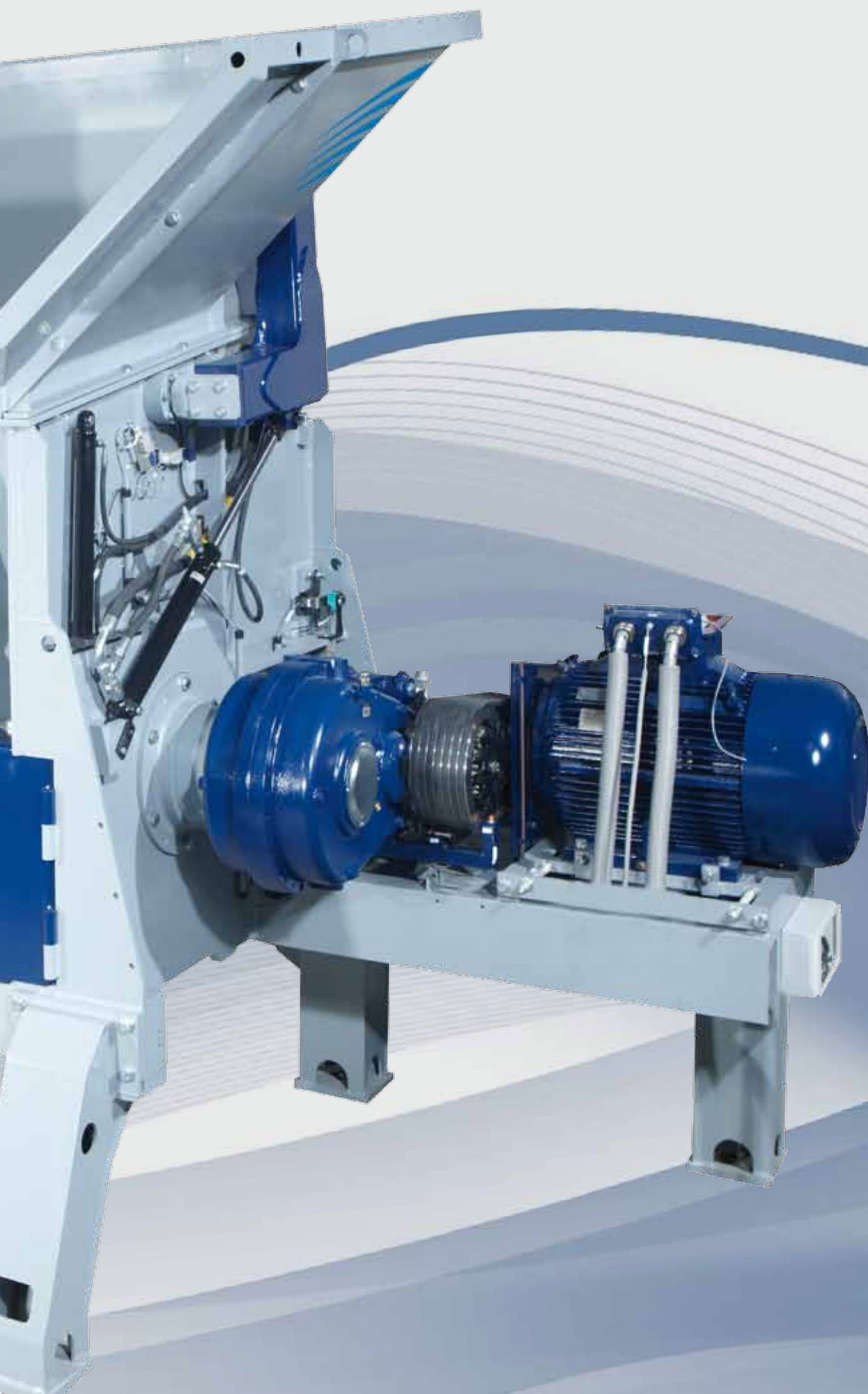
Rotor cooling (optional)

Constant surface temperature on the rotor using a closed cooling system



UNIVERSO 2200 – 2800

LindnerPOWER for universal shredding



UNIVERSO 2200 – 2800

LindnerPOWER for universal shredding

Slow-running single-shaft shredder. Suitable for the (primary) shredding of various waste material (without large foreign parts). The throughput material is a defined granulate corresponding to the size of the screen.

Application:

Shredding of plastic film, packaging material, textiles, paper, rubber, waste wood, pallets, paper rolls, cable reels, and mixed plastics for the thermal utilization and recycling (loose or pressed into bales).

Throughput capacity:

For example with mixed plastics 7 t/h (output granulate approx. 80 mm)*



Technical Data:	UNIVERSO 2200	UNIVERSO 2800
Feed opening	3985 x 1600 mm	4675 x 1600 mm
Hopper space	3,7 m ³	5 m ³
Shredding area	2135 x 1525 mm	2825 x 1525 mm
Rotor length	2115 mm	2805 mm
Rotor periphery	740 mm	740 mm
Rotor speed	80 rpm	80 rpm
Drive power	1 x 132 kW	2 x 110 kW
Hydraulic pusher system	7,5 kW	7,5 kW
Total weight	18000 kg	27200 kg



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