

State of the LindnerART.



JUPITER

Heavy Duty. Single Shaft Shredder.

*The ART of innovative
SHREDDING!*





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. 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 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 implementing shredder plants for plastics and in the field of recycling).

Our creative heads keep turning 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 shredding quality/-performance at low-vibration run by spiral-shaped knife assembly



Screen Unit

Screen sickles made of quality steel in a welded cassette with variable distance. Access via maintenance door. Easy change of the screen modules using a swivel mounted hydraulically operated system



Monofix-System

Knife fixation using only one screw. Quick change of knives



Countershaft Drive

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



Safety Clutch

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



Hydraulic Pusher System

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



Levelling Device

Machine foot elements for levelling and vibration absorption



Central Lubrication System

Simple lubrication of the most important bearings



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



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



JUPITER 1800 – 2200 – 3200

LindnerPOWER for primary shredding





JUPITER 1800 – 2200 – 3200

LindnerPOWER – Single Shaft Shredding

The JUPITER is a slow-running single shaft coarse shredder that is primarily used for the primary shredding of untreated material with large foreign parts.

Application:

Shredding of non treated domestic waste, commercial and industrial waste, bulky waste, waste wood and mixed construction waste, etc.

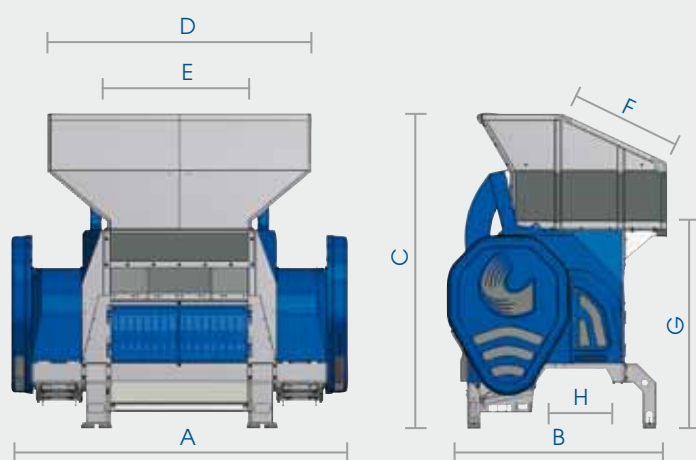
Throughput capacity:

Up to 50 t/h for domestic waste (output granulate approx. 100 – 300 mm with sickle screen)*

Up to 15 t/h for industrial and commercial waste (output granulate with hexagonal screen)*

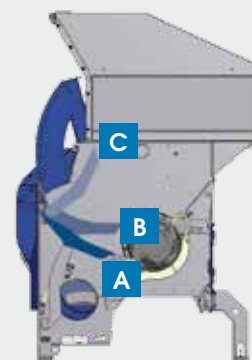


Technical Data:	JUPITER 1800	JUPITER 2200	JUPITER 3200
Feed opening	3,645 x 2,875 mm	3,990 x 2,875 mm	5,045 x 2,875 mm
Hopper space	4 m ³	5 m ³	8 m ³
Shredding area	1,790 x 1,750 mm	2,135 x 1,750 mm	3,190 x 1,750 mm
Rotor length	1,770 mm	2,115 mm	3,150 mm
Rotor periphery	740 mm	740 mm	740 mm
Rotor speed	58 rpm, 87 rpm**	51 rpm, 87 rpm**	58 rpm, 87 rpm**
Drive power	1 x 200 kW	2 x 110 kW, 2 x 132 kW**	2 x 160 kW
Hydraulic pusher system	11 kW	11 kW	11 kW
Total weight	26,000 kg	30,000 kg	39,000 kg



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

- A** Operating position
- B** Large foreign parts removal position
- C** Maintenance position



Dimensions in mm:	A	B	C	D	E	F	G	H
JUPITER 1800	4,900	3,260	4,900	3,645	1,790	1,750	3,100	1,026
JUPITER 2200	5,300	3,260	4,900	3,990	2,135	1,750	3,100	1,026
JUPITER 3200	6,300	3,260	4,900	5,045	3,190	1,750	3,100	1,026



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we reduce it. waste. costs. problems.