

JUPITER

Single Shaft Primary Shredder

Technology that
knows no compromise.



Built to accept any challenge.

Intelligent combination of power and efficiency: The JUPITER slow-running single shaft shredder copes with any material – designed for non-pretreated, difficult to shred waste with foreign parts. Innovative technology developed by Lindner for more efficiency and the most difficult requirements.

- High performance shredder with a capacity of up to 70 tons per hour
- Optimal primary shredding with pre-defined output sizes
- Mature machinery concept – in operation more than 200 times worldwide
- Energy efficient operations due to innovative machine- and control-technology
- Lindner intelligent modular design for exact adaptation to your requirements

Your head start with Lindner:

High quality – robust und reliable design.



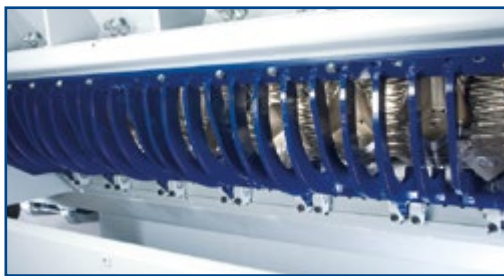
The rotor:
Stronger than any waste.

- **Special configuration of knives** for enhanced energy efficiency and performance
- **Continuously adjustable cutting gap** for optimal output quality
- Available with different **cutting systems** – adapted for your material



Machine technology:
Efficiency as principle.

- Strong and low maintenance **two stage belt drive** (countershaft)
- **Safety clutch** for protection of machine components
- Maintenance free **hydraulic pusher** system
- **Service friendly** with worldwide available standard components



Handling & maintenance: Consequently simple.

- Patented hydraulic **maintenance flap** for simple rotor service at comfortable working height
- Patented swivel mounted, hydraulic **screen system**
- **Quick exchange** of knives
- **Static knives** continuously adjustable from the outside



Control technology: Everything in intelligent order.

- Mature **control technology**, tailor-made for the machine
- **Pre-programmable** for different materials
- Simple handling via **touch-screen** with clearly arranged display
- **Remote access** maintenance possible

www.l-rt.com

The ART of innovative SHREDDING!

Single Shaft Primary Shredder
JUPITER 1800 2200 3200

Slow-running shredder for (primary) shredding of non-pretreated waste with foreign parts like domestic and bulk waste, commercial and industrial waste, mixed construction waste, wood and straw, plastics of all kind, rubber and tires, textiles etc.

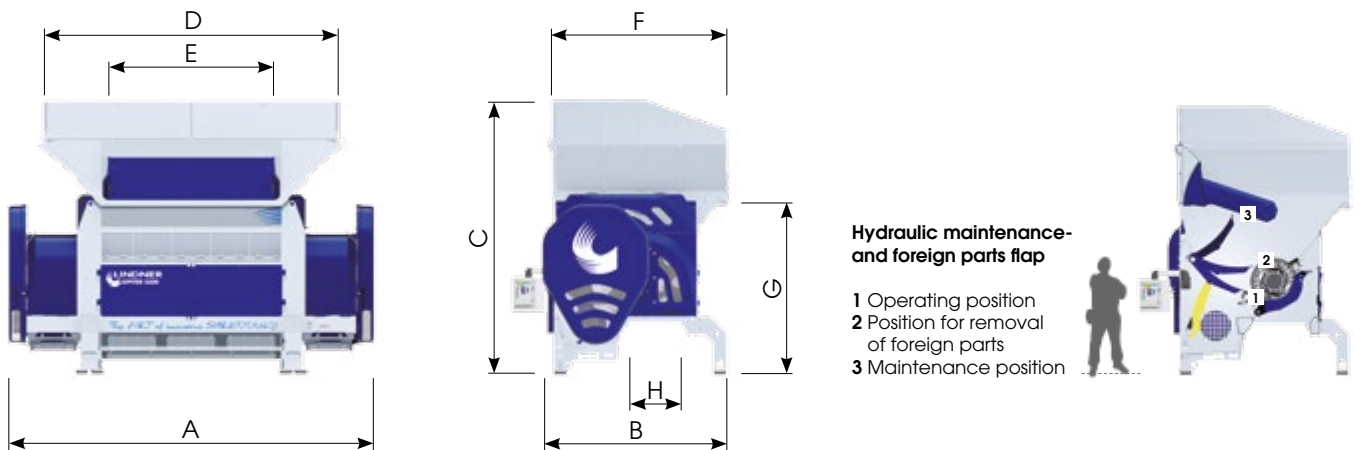


Ideal also for use as primary shredder in SRF processing systems. Throughput up to 70 t/h. Screens for output sizes of approx. 70 to 600 mm

Technical Data

Dimensions and weight	JUPITER 1800	JUPITER 2200	JUPITER 3200
Intake opening	3750 x 3000 mm	4090 x 3000 mm	5160 x 3000 mm
Cutting chamber volume	5 m ³	6 m ³	9 m ³
Total weight	27 t	33 t	39 t
Cutting unit			
Rotor length	1770 mm	2115 mm	3150 mm
Rotor knives	20 pcs	24 pcs	36 pcs
Drive system			
Drive power	1 x 200 kW	2 x 110 kW	2 x 160 kW
Rotor speed	58 rpm	51 rpm	58 rpm

Data refer to standard version, possible deviations due to variations.



Hydraulic maintenance- and foreign parts flap

- 1 Operating position
- 2 Position for removal of foreign parts
- 3 Maintenance position

Update: April 2014. Technical changes, misprints and errors reserved. All images are sample pictures. All specifications are approximate.

Dimensions

in mm	A	B	C	D	E	F	G	H
JUPITER 1800	4800	3250	4840	3750	1790	3000	3105	1026
JUPITER 2200	5461	3250	4840	4090	2135	3000	3105	1026
JUPITER 3200	6520	3250	4840	5160	3210	3000	3105	1026

