

Jupiter Series



STATIONARY PRIMARY SHREDDING





LINDNER

Carry on where others stop

Innovation as a principle. This basic idea has characterized the actions of Lindner ever since the company was formed in 1948. As a specialist for shredding technology we produce trendsetting solutions for waste processing – and at the same time are constantly setting standards with technological innovations.

Our three modern production sites in Austria manufacture machines and system components that are used worldwide.

Our product portfolio ranges from stationary and mobile shredding machines for waste

management through to complete systems for the recycling of synthetics as well as for the production of substitute fuels and substrates for biomass systems. We also assume the planning and realization of large projects on request.

With the aim of always finding the best possible solution for each customer, we place our faith in continuous research and further development of our products. The result – machines and components that are that decisive step ahead: in terms of manufacturing quality, productivity and efficiency.

PREPARED FOR THE TOUGHEST CHALLENGES

Lindner uses efficient single-shaft technology to shred even non-pre-treated and difficult materials reliably and effectively. Shredding materials using the „cutting principle“ guarantees even discharge at all times with a defined particle size.

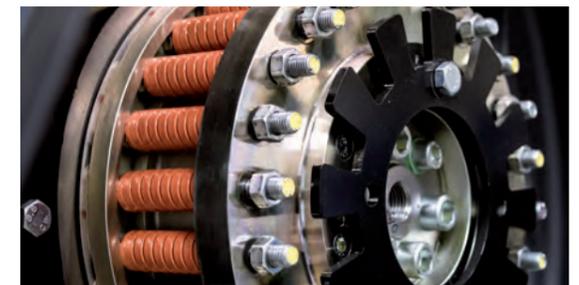
Special cutting systems tailored precisely to your applications further increase the throughput. Technology that knows no compromises – so that your pre-shredding runs and runs and runs.



BUILT-IN ADVANTAGE

Increased efficiency through intelligent technology: the 2-stage Lindner belt drive with intermediate gear enables load-dependent storage and release of rotational energy, thus generating greater power with lower energy consumption.

Additional advantages of the drive system are its high robustness and reliability as well as the minimum maintenance requirement. In case of blockades caused by trapped materials, a torque-limiting safety clutch protects against damage.



JUPITER

The combination of power and efficiency

High reliability, low energy consumption, simple operation and maintenance: the Lindner Jupiter combines everything that efficient shredding technology needs. Thanks to its high manufacturing quality and the well-thought-out machine design, the primary shredder can handle any materials. At the same time, it ensures low operating costs and enormously high throughput rates. In permanent 24/7 operation.



EVERYTHING PERFECTLY THOUGHT OUT

Highly efficient two-stage belt drive
for greater power with lower energy consumption



Internal hydraulic ram system
automatically controlled, for reliable feeding of material to the rotor

Hydraulic maintenance flap
for quick removal of disturbing materials and easy access to the rotor



Four-fold reversible knives
with time-saving quick-change system

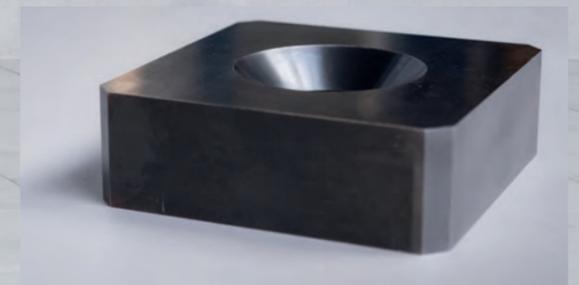
Continuously adjustable cutting gap
for constant output quality and fraction size

YOUR REQUIREMENTS DECIDE

Completely irrespective of whether you are shredding domestic or bulky refuse, industrial or commercial waste, wood, synthetics, rubber or textiles – the Lindner Jupiter achieves throughput levels through tailor-made technology.



The Lindner modular system enables you to choose between different forms of motorization, cutting systems and screens – and you can optimize the machine specifically for your applications.



SERVICE

At your service worldwide with complete expertise

The robustness of our machines is matched by our expert and reliable worldwide service. Irrespective of whether you need quick help with technical problems, or whether it is a matter of professional maintenance and repair work: we are at your service and do everything to ensure that your systems live longer and run optimally. With our entire know-how in shredding technology. And with the high quality assurance of Lindner original spare parts.

- Commissioning and training through qualified specialist personnel
- Individual fine-tuning of your machines on site
- Professional service hotline, quick technical support
- Speedy provision of spare parts worldwide with 100% Lindner original parts quality
- Tailor-made service and wearing-parts packages
- Machine-cleaning and tool-conditioning services

RELIABILITY IS PLANNABLE

Regular preventative checks by our technicians save you time and money. The audits analyse and document the condition of the machine and the power electronics. Wear and tear is recognized in an optimum manner and adapted to your production flow. The effect: considerably reduced downtimes of your machines.

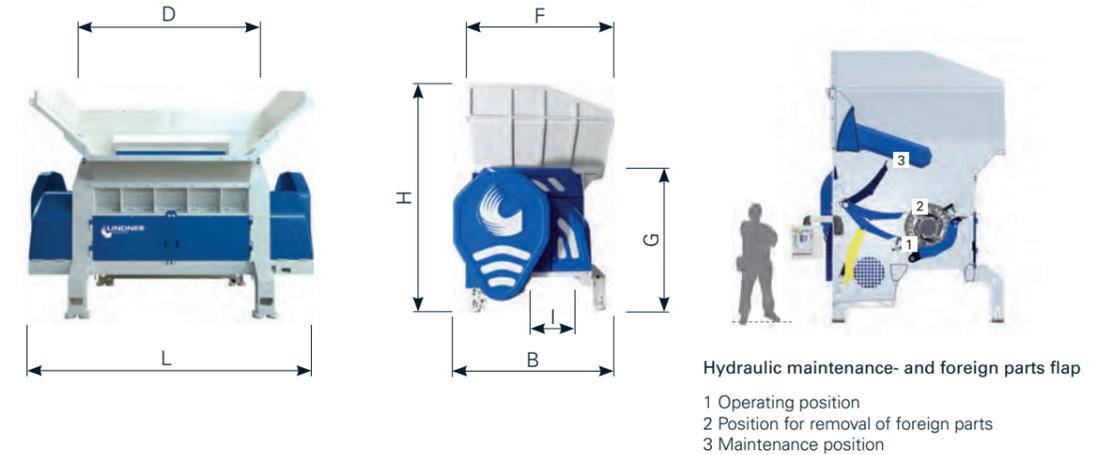


ALL PROCESS DATA RELIABLY UNDER CONTROL

The "Lindner MIS" machine information system offers you an innovative service that enables detailed monitoring of all relevant machine processes. The data and information recorded can provide important indications of potential for improvement, and thus serve as a basis for your targeted process optimization.



TECHNICAL DATA



		Jupiter 1800	Jupiter 2200	Jupiter 3200
Dimensions*				
Measure (LxBxH)	mm	4800 x 3250 x 4840	5500 x 3250 x 4840	6500 x 3250 x 4840
Filling opening (DxF)	mm	3750 x 3000	4090 x 3000	5160 x 3000
Filling height (G)	mm	3105	3105	3105
Hopper volumes	m ³	7,5	9	12
Outlet width (I)	mm	1026	1026	1026
Total weight	kg	27000	33000	39000
Cutting unit*				
Rotor length	mm	1770	2115	3150
Rotor speed	min ⁻¹	35 - 87	35 - 87	35 - 87
Standard tool		Pointed knife		Pointed knife
	mm	145P	116P	87P
	mm	145P	116P	87P
Number of knives	Stk.	20	22	41
		24	28	50
		36	42	77
Screens		hexagonal / round / sickle-shaped		
Number of screens	Stk.	4		6
Output size	mm	50 - 350		
Drive unit*				
Motor	kW	1 x 200	2 x 110	2 x 160
Optional extras		frequency converter		

* The stated values relate to standard machine versions with a standard hopper and supporting feet. The right to make technical changes is reserved.

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