

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

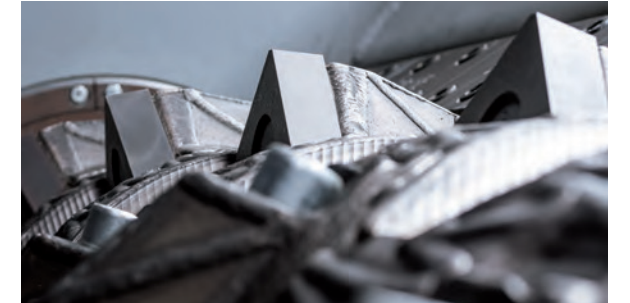
management through to complete systems for the recycling of synthetics as well as for the production of substitute fuels and substrates for biomass systems. We also assume the planning and realization of large projects on request.

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.

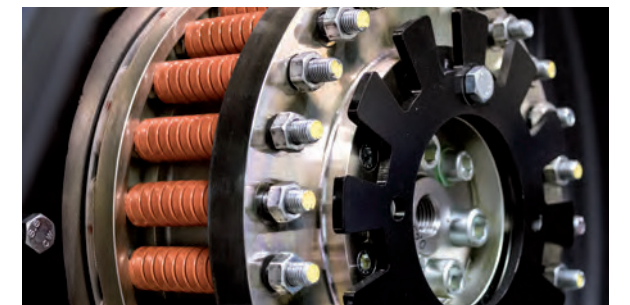
Special cutting systems tailored precisely to your applications further increase the throughput. Technology that knows no compromises – so that your pre-shredding runs and runs and runs.



## 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.

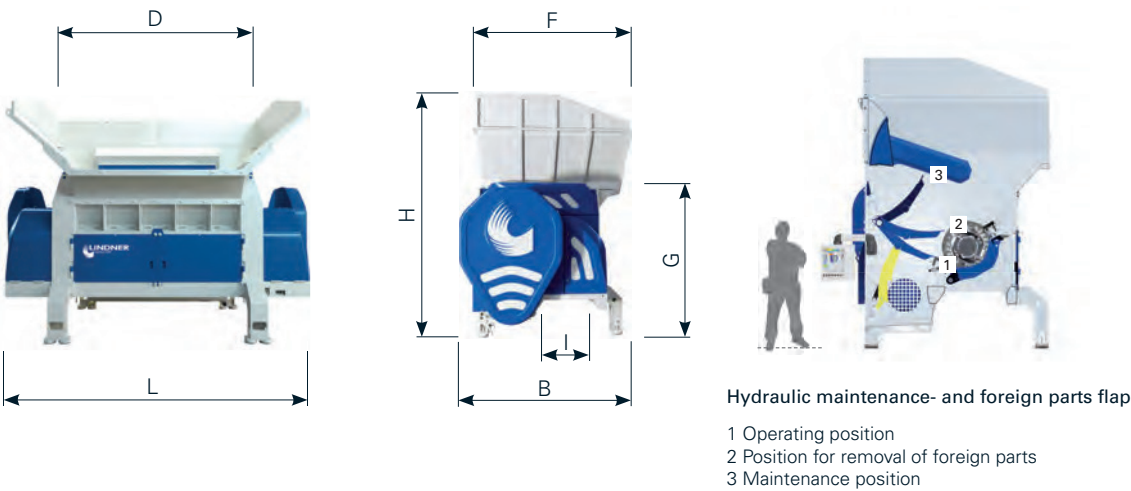


## ALL PROCESS DATA RELIABLY UNDER CONTROL

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	m³	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 <sup>-1</sup>	35 - 87			35 - 87			35 - 87		
Standard tool		Pointed knife			Pointed knife			Pointed knife		
	mm	145P	116P	87P	145P	116P	87P	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			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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