

A large industrial shredder machine, the Lindner Jupiter 2200 BW, is shown in a recycling facility. The machine is white with blue accents and has a large, open metal cage at the top for loading material. A yellow safety railing is in the foreground. A red fire extinguisher is visible on the right. A blue circular graphic with a circular arrow is overlaid on the right side of the image.

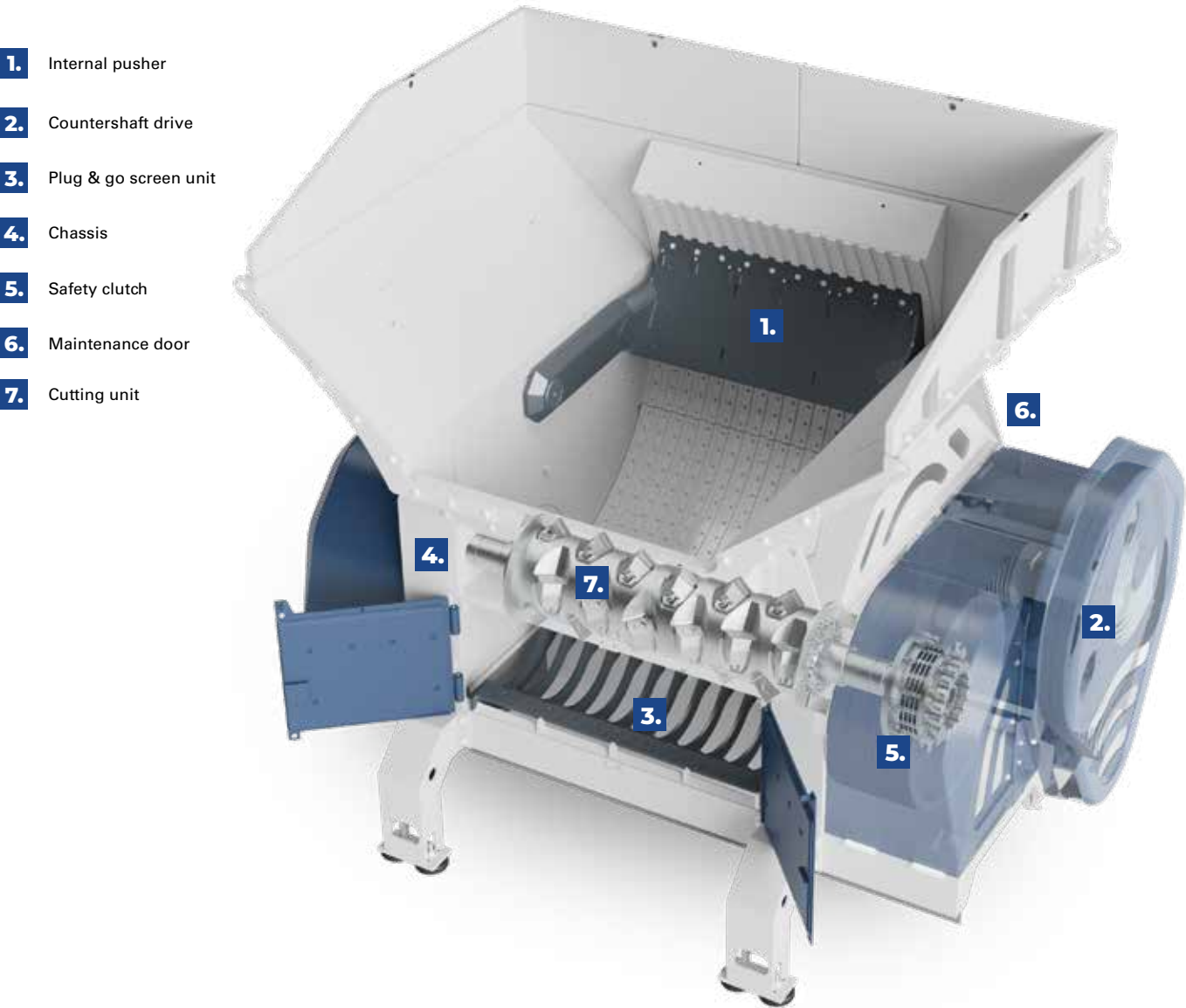
LINDNER

**JUPITER 1800 BW | 2200 BW | 3200 BW
BALE OPENING | PRIMARY SHREDDING**

**IMPRESSIVELY
PRECISE.**

Gets the process going.

Lindner’s Jupiter BW series models impress with their powerful countershaft drive, lightning-fast safety clutch, sophisticated machine design and high manufacturing quality – embracing all the advantages needed for efficient 24-hour operation. The tried-and-tested technology combined with their resistance to non-shreddables ensures a long service life and low maintenance. Thanks to the low speed and the powerful and precise cutting process, plastics are shredded gently and with a low percentage of fines to an optimum DIN A4 size, making them ideal for the downstream NIR sorting processes.



Detailed product information, pictures, videos:



SINGLE-SHAFT CUTTING SYSTEM WITH FINE PARTICLES OPTIMISATION

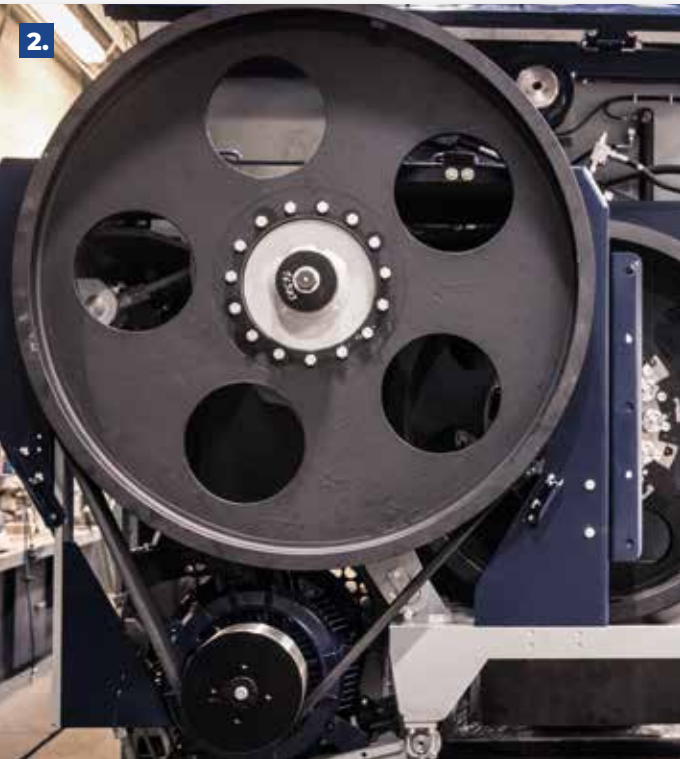
- Special shredder set-up for optimal plastics shredding to ensure low fine particles content.*
- Robust knives and knife holders particularly resistant to non-shreddables
- Maximum availability, as knives can be changed quickly
- Easily adjustable cutting gap for optimum output quality

* Möllnitz, S. (2022) Post-consumer plastic film recycling – development of a fines-reduced shredding technology

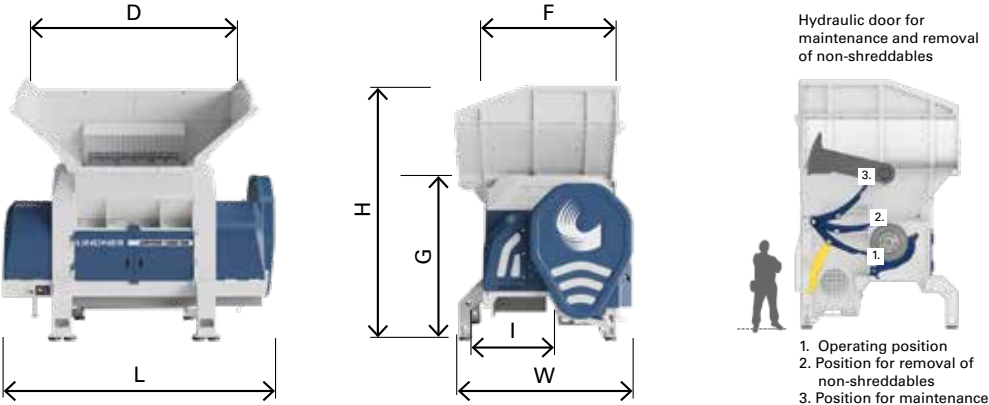
COUNTERSHAFT DRIVE WITH FLYWHEEL ENERGY STORAGE

Less energy consumption and more power thanks to the countershaft drive that stores and releases rotational energy depending on the load.

- Highest energy efficiency
- Powerful and precise cut at low speed generates minimal fine particles
- Constant volume flow – ideal for downstream NIR sorting systems
- Spare parts available worldwide





TECHNICAL DATA



JUPITER		1800 BW		2200 BW		3200 BW	
DIMENSIONS*							
Measure (LxWxH)	mm	4800 x 3270 x 4840		5140 x 3270 x 4840		6200 x 3270 x 4840	
Hopper opening (DxF)	mm	3750 x 3000		4090 x 3000		5150 x 3000	
Filling height (G)	mm	3105		3105		3105	
Hopper volume	m³	7,5		9		12	
Outlet width (I)	mm	1020		1020		1020	
Total weight	kg	25450		27950		34400	
CUTTING UNIT*							
Rotor length	mm	1770		2115		3170	
Rotor speed	min ⁻¹	58		58		51	
Pointed knives	mm	145P	87P	145P	87P	145P	87P
Number of knives	pcs.	20	41	24	50	36	77
Screens: hexagonal/sickle-shaped		✓		✓		✓	
Number of screens	pcs.	4/1		4/1		6/1	
DRIVE UNIT*							
Motor	kW	1 x 160		1 x 200		1 x 250	
Frequency converter		✓		✓		✓	

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

Rotor with pointed knives in 2 knife sizes, four-fold usable





Water sprinkling system



Fire prevention system



Bale opener