



LINDEMANN ZB

Built to tame the toughest turnings.

The ZB turnings crusher product group comprises high-performance hammer mills designed to efficiently process long, wavy, curly and voluminous metal turnings into dense, uniform chips ready for downstream processing, such as briquetting. At the core of the system is a high-speed rotor operating at 1,000-1,500 rpm, fitted with wear-resistant, freely oscillating tearing tools. Unlike blade-based systems, these tools tolerate foreign objects such as screws, nuts and bolts, ensuring reliable operation in real-world scrap environments.

The heavy-duty two-part housing, made from welded steel plate and protected by replaceable abrasion-resistant wear plates, ensures durability even under continuously heavy loads. Interchangeable grate systems allow precise control of output chip size, supporting optimized briquetting performance. An optional dosing comb helps untangle material and prevent current spikes.

Optionally integrated digital capability via Siemens PLC and the myLindemann service platform enables remote monitoring, KPI tracking, predictive maintenance and energy consumption analysis, helping operators maximise machine availability and process efficiency.

GENERAL KEYFACTS

- Shreds **long, bulky and tangled metal turnings** into easy-to-manage material.
- **High throughput and reliable shredding** with minimal wear and tear.

LINDEMANN KEYFACTS

- ⊕ Robust, wear-resistant, freely oscillating tools are insensitive to foreign objects like screws and bolts.
- ⊕ Coarse material ejector removes non-shreddable objects, protecting the machine.
- ⊕ Interchangeable grates for varying chip sizes and density.
- ⊕ Fast spinning rotor ensures powerful shredding of metal turnings into uniform, fine pieces.
- ⊕ Available with wear part packages and installation services for enhanced operational flexibility.
- ⊕ myLindemann service platform provides remote monitoring, predictive maintenance and operational insights for better efficiency.
- ⊕ Optional dosing comb to prevent current peaks and ensure smooth operation.

FACTS AND FIGURES

Model		ZB 90 x 73	ZB 116 x 103
Drive power	kW	55 75	75 110 160
Nominal speed - (Carbon & Aluminum turning)	RPM	1000	1000
Nominal speed - (Chromium-Nickel & stainless steel turning)	RPM	1500	1000
Throughput Carbon and alloyed steel, up to	t/h	7 9	10 12 17
Throughput Cr-Ni steel / stainless normal grid, up to	t/h	3 3,5	4 5 7
Throughput Aluminum alloy turnings, up to	t/h	2 2,5	3 4 5
Feed from the top - Width x Length	mm	730 x 1,200	1,030 x 890
Feed from the side - Width x Length	mm	730 x 690	1,030 x 820

This information is only a general description and represents approximate values. It is not guaranteed and contains no warranties or assurance of any kind.
The performance data is strongly dependent on the type and composition of the feed material, the feed density, the feed rate, and the overall operating performance including the qualification of any operator