

# LINDEMANN ZZ

Lindemann ZZ Shredders offer cost-effective processing of a wide range of various metal scrap.



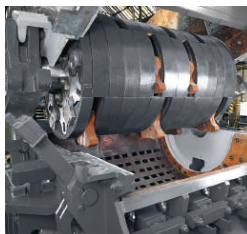
## FEATURES

High throughput capacities paired with low specific energy requirements lead to maximised profit. Lindemann offers full-scope shredder systems, from the pre-treatment with a pre-shredder over centralised process control to downstream sorting systems and related dedusting units. All downstream concepts and components – either the ferrous or the non-ferrous line – are designed to gain the highest results in cleanliness and purity. Lindemann provides reliable solutions for most shredder applications, from classic car shredding to the processing of aluminium scrap or electronic waste. The dedusting systems for shredder and sifter are designed to meet the latest environmental regulations and are tailored to the shredder applications.

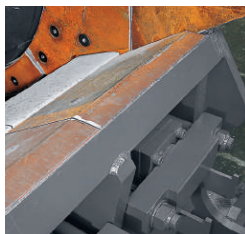
- Heavy-duty fabrication designed to handle today's challenging scrap.
- The optional SDA (Shredder Drive Assistant) supports the feeding process and optimises the utilisation of the shredder capacity.
- Ferrous processing lines that feature the industry's most reliable magnetic and air separation systems.
- Non-ferrous processing lines in a range of designs from simple to maximum metal recovery capability.

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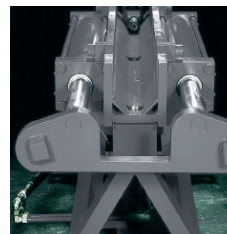
## Standard features



Rotor  
lifting device



Hydraulic anvil  
tensioning device

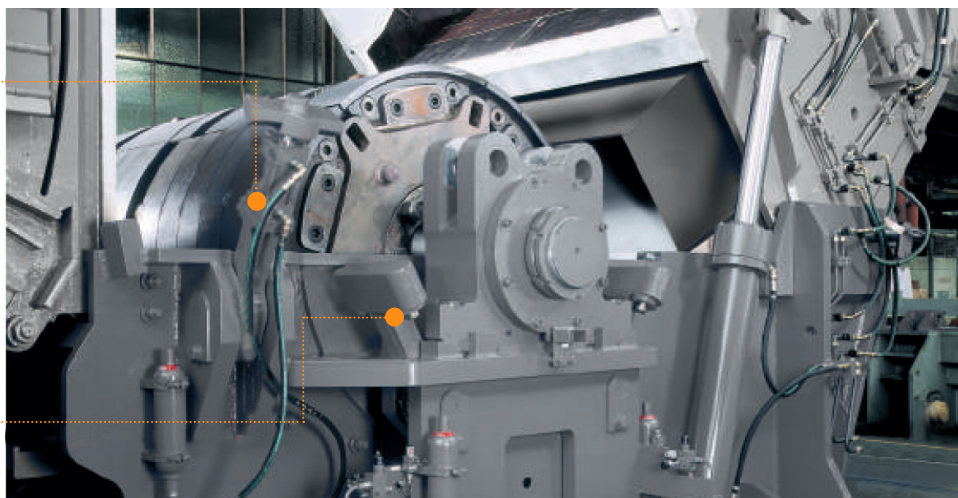


Hydraulic  
pin puller

## Optional features

Hydraulic locking  
of housing

Hydraulic clamping  
of rotor bearing



## TECHNICAL DATA\*

| MODEL                  |            | ZZ 175x160               | ZZ 190x260                     | ZZ 225x260                     | ZZ 250x260                     | ZZ 300x300                      |
|------------------------|------------|--------------------------|--------------------------------|--------------------------------|--------------------------------|---------------------------------|
| Rotor diameter         | mm         | 1,750                    | 1,900                          | 2,250                          | 2,500                          | 3,000                           |
| Internal housing Width | mm         | 1,600                    | 2,600                          | 2,600                          | 2,600                          | 3,000                           |
| Width of feeding chute | mm         | 1,500                    | 2,500                          | 2,500                          | 2,500                          | 3,000                           |
| Main motor             | kW<br>(HP) | 500 (680)<br>750 (1,000) | 1,030 (1,400)<br>1,500 (2,000) | 2,200 (3,000)<br>3,000 (4,000) | 3,700 (5,000)<br>4,400 (6,000) | 5,100 (7,000)<br>7,500 (10,000) |
| Input, up to           | t/h        | 23<br>34                 | 71<br>85                       | 130<br>160                     | 210<br>240                     | 340<br>460                      |
| Fe-Output, up to**     | t/h        | 16<br>24                 | 50<br>60                       | 90<br>110                      | 150<br>170                     | 240<br>320                      |

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 a possible operator.

\*\*These values do assume a material composition of 70% ferrous content in the infeed.