



## Lindemann Anode Crushers



## Lindemann Anode Crusher

The hydraulically operated anode crusher for anode butts from aluminum electrolysis, or for whole baked or green waste anodes for reuse as material in anode coal mills.

In the crusher, the anode butts or waste anodes are crushed between a fixed and an oil-hydraulically operated crusher platen. Both platens are equipped with special tools made of highly wear-resistant material.

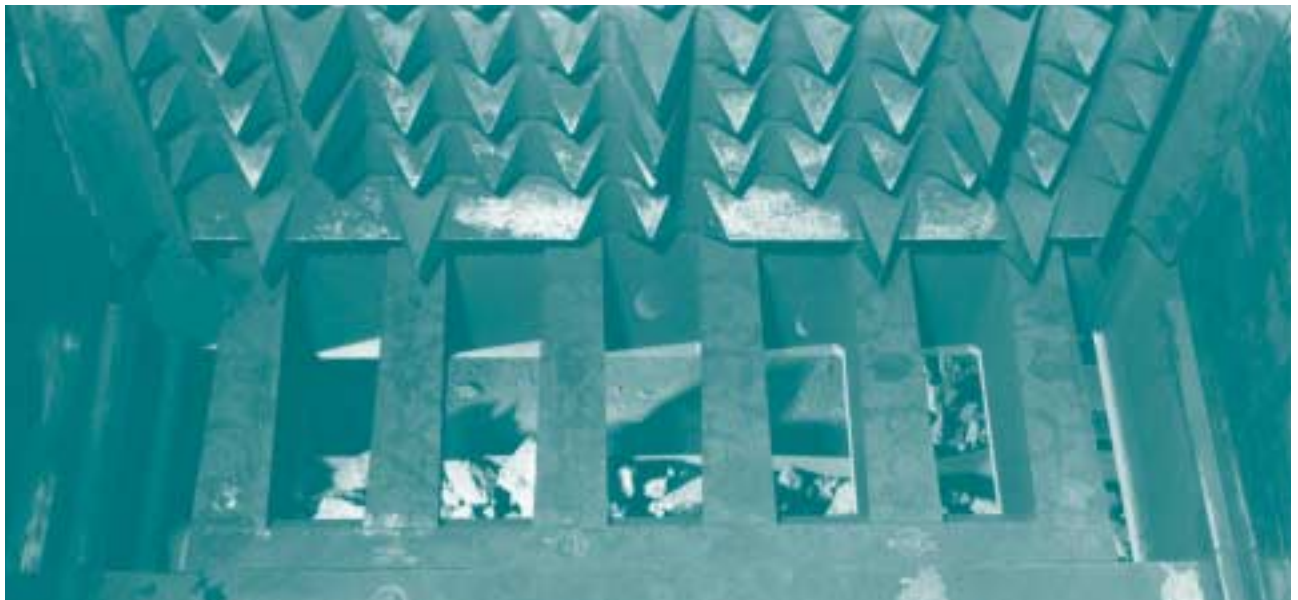
The bottom of the crushing zone is built as a grid so that the crushed material can fall out in a continuous stream.

## Key Advantages

- Automatic sequence of crushing operations.
- No impact or grinding effect during crushing of the anodes, so wear and tear of crushing tools and crusher zone lining are kept to the minimum.
- Little dust formation.
- Number of strokes for crushing procedure can be adjusted according to requirements for the material to be processed.
- Finer or coarser final granulation can also be achieved by different designs of crushing tools and bottom grid outlets.

### Percentage distribution of anode grain sizes

85 %	0–150 mm
13 %	150–300 mm
2 %	>300 mm



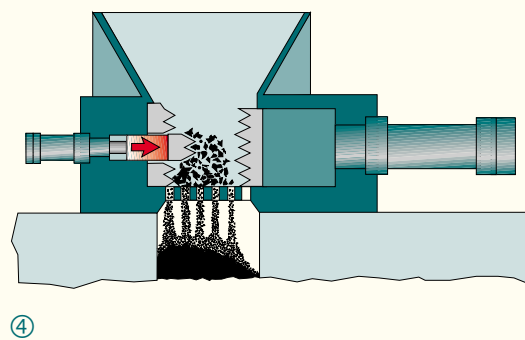
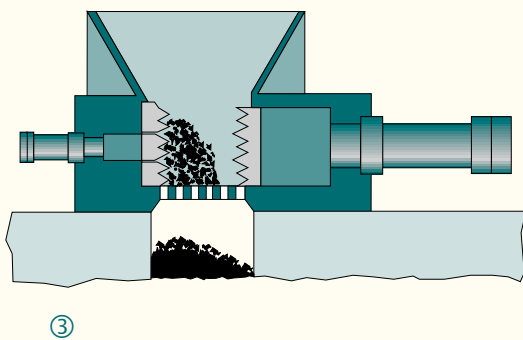
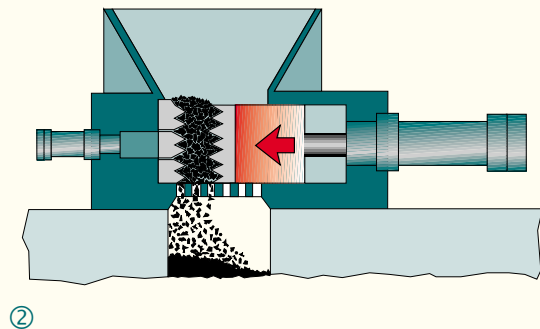
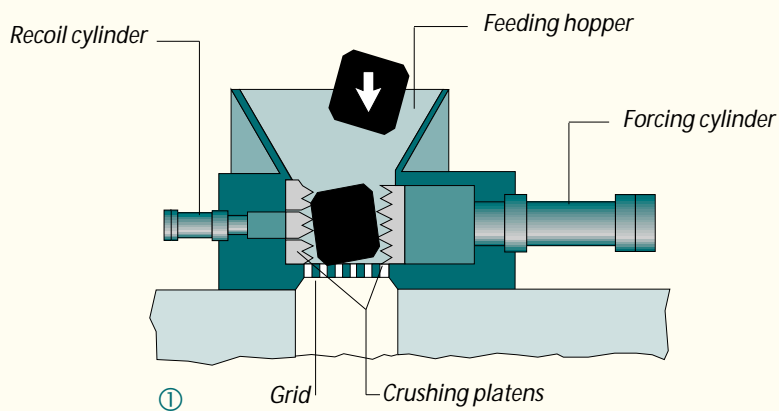
*Crusher platen with grid*

## Operating Method

- 1 Crushing zone is filled.
- 2 Forcing cylinder with crusher stamp crushes the anode butts between the crushing platens.
- 3 The material accumulated in front of the fixed crusher platen is...
- 4 ...pushed back into the crushing zone and distributed by the middle part of the platen.

## For the Aluminum Industry

- Lindemann Shredder Installations
- Lindemann Dross Processing Plants
- Lindemann Turnings Crushers
- Lindemann Briquetting Presses
- Lindemann Anode Crushers
- Lindemann Scrap Baling Presses
- Lindemann Scrap Shears



## Metso Minerals Recycling Equipment

### Our range:

Scrap shears  
Shredders  
Metal crushers  
Turnings crushers

Scrap baling presses  
Briquetting presses  
Double screw presses  
Anode crushers

NF-metal separators  
Trommel screens  
Sorting plants

Hammer mills  
CR crushers  
Rotor shears  
Bulky refuse shears

### Metso Lindemann GmbH

Erkrather Straße 401  
D-40231 Düsseldorf  
Germany  
Phone: +49 211 21 05 0  
Fax: +49 211 21 05 376  
E-Mail: [minerals.lindemann@metso.com](mailto:minerals.lindemann@metso.com)  
[www.metsominerals.com/metalwasterecycling](http://www.metsominerals.com/metalwasterecycling)

### Metso Minerals North and Central America

3073 South Chase Avenue  
Milwaukee, WI 53207  
USA  
Phone: +1 414 769 4300  
Fax: +1 414 769 4730

### Metso Minerals South America

Caixa Postal 272  
18035-240 Sorocaba  
Brazil  
Phone: +55 152 191 300  
Fax: +55 152 191 695

### Metso Minerals Asia-Pacific

P.O. Box 399  
West Perth, WA 6872  
Australia  
Phone: +61 8 9420 5555  
Fax: +61 8 9320 2500

### Metso Minerals North and Central Europe

P.O. Box 4004  
20311 Malmö  
Sweden  
Phone: +46 40 24 58 00  
Fax: +46 40 24 58 78

### Metso Minerals South Europe and Mediterranean

41, rue de la République,  
71 000 Mâcon  
France  
Phone: +33 3 8539 6300  
Fax: +33 3 8539 6349

### Metso Minerals Southern Africa

Wordsworth Office Park  
41 Wordsworth Avenue, Senderwood  
Johannesburg 2007  
South Africa  
Phone: +27 11 723 2000  
Fax: +27 11 723 2080

[www.metsominerals.com](http://www.metsominerals.com)

