

Anode Crushers from Metso Recycling
Metso EtaAnodeCrush



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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

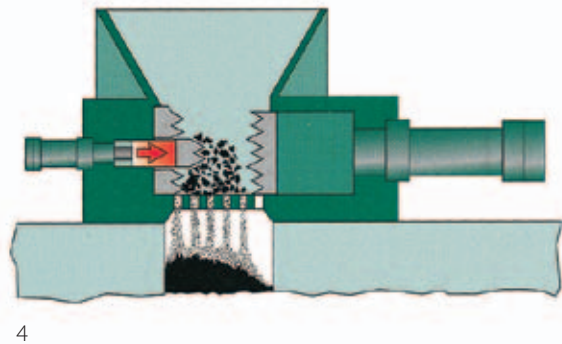
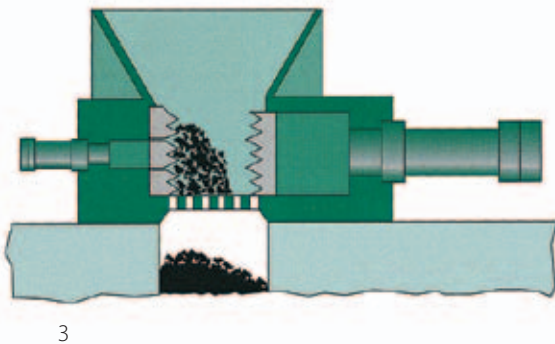
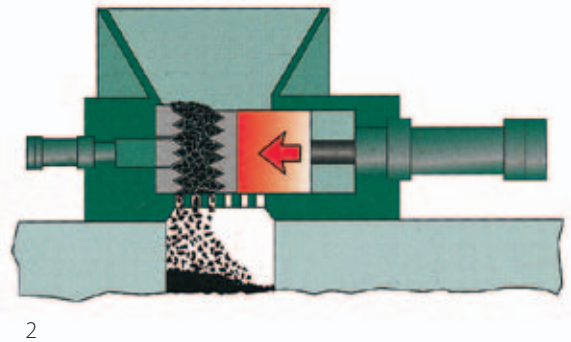
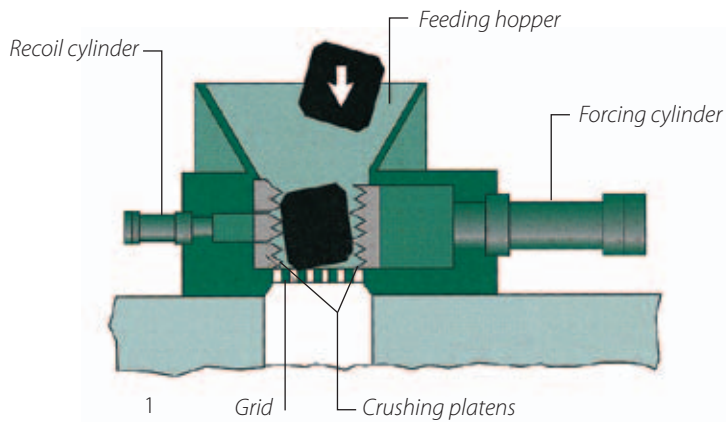


How does it work?

- 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
- 4 The crusher platen pushed back into the crushing zone and distributed by the middle part of the platen.

Metso Recycling has a wide range of solutions for the aluminum industry

- Metso EtaShred® (Shredder)
- Metso EtaBriq® (Briguetting)
- Metso EtaAnodeCrush
- Metso EtaPress® (Balers)
- Metso EtaCut® (Shears)
- Metso EtaCrush® (Crushers)



Metso Recycling Equipment

Our range:

Pre-Shredders
Shredders
Shredder Plants
Metal Crushers

Scrap Shears
Turnings Crushers
Briquetting Presses
Double Screw Presses
Anode Crushers

Screen Drums
Scrap Baling Presses
Waste Fine Shredders
Waste Pre Shredders

Metso Recycling Services

Uptime Services

Inspection Services
Parts Services
Repair and Refurbishment
Troubleshooting Services

Performance Services

Process Monitoring Services
Optimization Services
Upgrade Services
Training Services

Project and Engineering Services

Start-up Services
Health, Safety and Environmental Services
Engineering Services
Plant Relocation Services

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