

Crushers from Metso Recycling
Metso EtaCrush®



The Metso EtaCrush® has distinctive new advances

For decades the development of metal shredders has been one of our strengths. The EtaCrush® series is a result of our expertise – a compact shredder with an inspiring range of new, distinctive features.

- It crushes the widest variety of scrap metal efficiently and inexpensively.
- It fits easily into Metso Recycling's modular metal recycling plant and processes aluminum, electronic and various types of steel scrap economically with no extra modifications and no high labor requirements.
- In terms of the processing quantities and types of scrap it processes, it can grow with your company.





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Linkömers Bruk AB

Features & Benefits

The unique design gives the machine great advantage

With the development of the Metso EtaCrush®, even smaller metal shredders with a driving capacity of 250 to 750 kW display refinements which have a highly favorable effect on specific energy consumption, throughput, size of fragmentation and wear and maintenance conditions.

Optimum double-grid / anvil combination

This design helps to reduce power consumption while at the same time increasing throughput.

Special material and air guidance

This has a positive effect on power consumption and reduces the costs for a dust-extraction system to a minimum.

Hydraulic removal of coarse pieces

Solid pieces that cannot be crushed are removed during the crushing process without interruption – and without crossing the material flow again.

Hydraulic locking of rotor bearing

This optional device enables the rotor to escape in the event of solid pieces getting between the rotor and the housing bottom. This keeps damage to the rotor to a minimum. You can add this feature at a later stage.

Special speed control of the rotor

The new optional available speed control of the rotor offers operators excellent processing flexibility. Degree of fragmentation, material disintegration and wear can all be optimized for the widest variety of scrap metal.

Electronically controlled water injection

This is recommended for shredding without dust extraction. It clearly reduces or even prevents the mission of „blue smoke“ when oily materials are being processed. You can add this feature at a later stage.

Effective wear and maintenance prevention

The tiltable housing, Metso Recycling's long-life caps that are used to protect the hammer shafts and rotor disks, the special wear protection of housing parts that are subject to heavy loads, the design and arrangement of wear protection elements, and the nature and arrangement of their fixtures, all help to keep the costs for wear and maintenance to an absolute minimum.

Hydraulic locking for housing

This optional extra ensures quick and easy opening of the center and top parts of the housing, either at the same time or separately. It may also be fitted at a later stage.

Rotor lifting device

To facilitate access to the bottom parts of the machine, the rotor can be lifted together with the center part of the housing.

Hydraulic device for disassembly of hammer axles

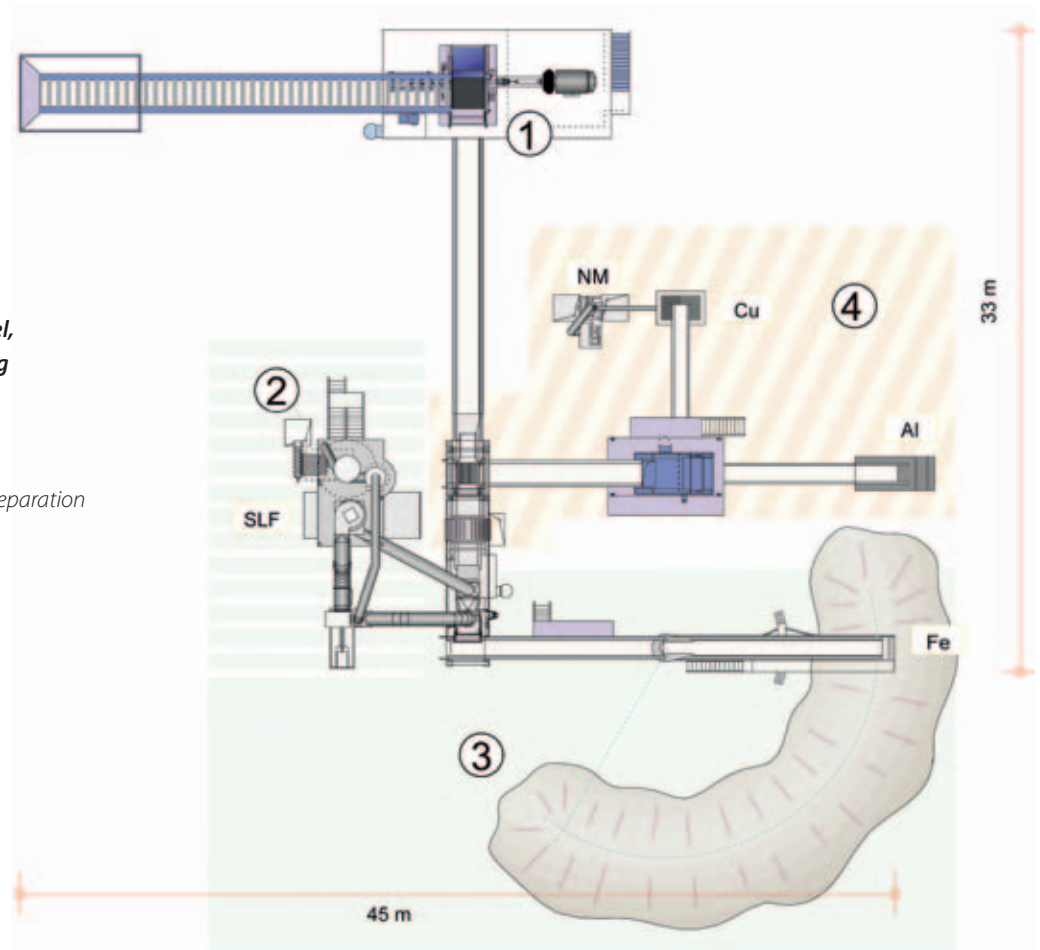
Facilitates and speeds up exchange of the hammers and hammer axles. This feature is optional.

PLC phone diagnosis and software updates via phone

With this optional service we offer prompt aid in operational and fault diagnosis. Our service engineer can solve electronics and software problems without delay. Moreover, the right expert and the necessary spare part can be identified for the mechanical side.

Modular EtaCrush® plant for steel, aluminum and copper processing

- ① Metso EtaCrush® 150x160
- ② Shredder fluff separation
- ③ Steel scrap separation
- ④ Aluminum/copper/non-metal separation



The image shows a large industrial machine, likely a conveyor or sorting system, with a prominent Metso logo on a grey panel. The logo consists of a stylized orange and red 'M' shape followed by the word 'metso' in a green, lowercase sans-serif font. The machine is situated in a factory or industrial setting, with various metal structures and pipes visible in the background. The lighting is somewhat dim, highlighting the metallic surfaces of the equipment.

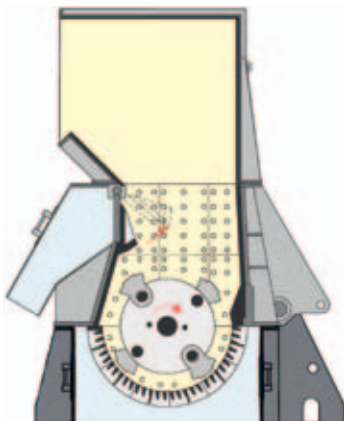
metso

Features & Benefits

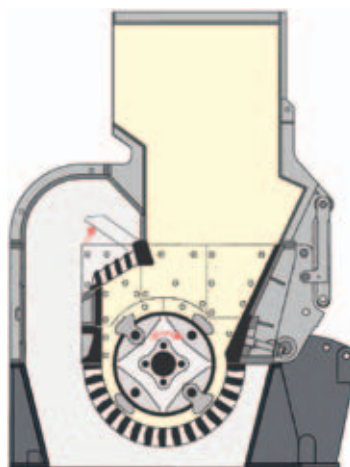
Proven technology for efficient crushing

Our metal crushers in the Metso EtaCrush® series have proved to be ideal, in a wide variety of applications, for the selective pre- and re-crushing of scrap metal. They are excellent at material disintegration, perform efficiently and with low specific energy consumption, offer maximum availability and ease of maintenance, and are highly immune to solid pieces.

Our intelligent, optimum-cost solutions, wide range of products and many years of experience enable us to provide you with the safety you need for an efficient, economic metal crushing process.



Metso EtaCrush® 150x100



Metso EtaCrush® 150x160

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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We reserve the right to make changes and improvements without notice, „Metso EtaCrush®“, Metso Recycling, December 2013