



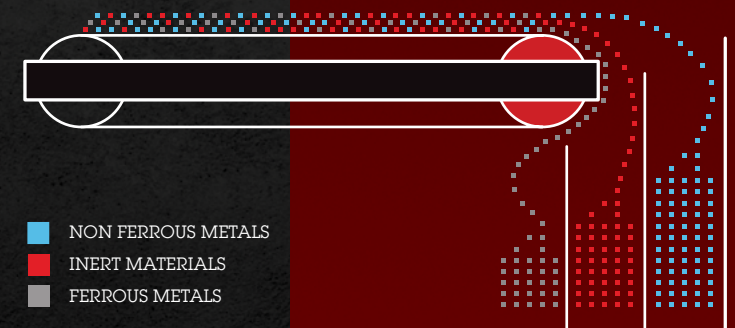
EDDY CURRENT SEPARATORS • MAGNETIC SEPARATORS • GLASS CRUSHERS

EDDY CURRENT SEPARATOR

For non-ferrous metal separation
from inert materials



COGELME



- NON FERROUS METALS
- INERT MATERIALS
- FERROUS METALS



Rich application

Due to an intelligent range of Cogelme eddy current separators, non-ferrous metal can be recovered sorting any kind of material, whatever need to extract:

- Big-sized non ferrous metals: from 150 mm up to 350-400 mm (municipal waste, demolition waste, shredded waste, etc.)
- Medium- and small-sized non ferrous metals: from 25 mm up to 150 mm (shredded plastic, rubber, electronic waste, wood chips, crushed glass, etc.)
- Milled non ferrous metals of extremely thin dimensions – from 2 mm to 25 mm (grinded or granulated plastic, rubber, e-scrap, wood shaves, etc.)

Cogelme may develop a complete combination and integration of metal separators also within your current setup.



Separation key features. Precision and cost saving

- High purity levels of separation of non-ferrous metals sized from 2 mm to 400 mm
- No loss of valuable materials
- Low energy consumption

Do you want to be more confident? Our experts will guide you through technology capabilities for your case, show you how you can apply this equipment and what results you can achieve to ensure you can increase your productivity and profitability.



Equipments remain under rigid quality and safety control throughout the manufacturing process to assure ideal processing quality and to guarantee minimal maintenance.

Some characteristics:

- Magnetic rotor of a bigger diameter requires lower rpm, contributing to a longer life of machine's components and leading to secure operation.
- Stainless steel cover of magnetic rotor guarantees lasting magnetic power strength and high separation quality day to day.
- Safety system is installed to prevent possible damages in case of electric blackout.
- Resistant and longer lasting rubber tape can substitute PVC belt when separating rough and sharp materials.
- Special security systems guarantee safety for people and equipment.
- Components are selected of the best European manufacturers.

You can count not only on constant high product quality and secure operation, but also on remarkable savings of maintenance and increased profitability.



EDDY CURRENT SEPARATOR WITH CONVEYORS FOR MATERIALS DOWNLOADING



EDDY CURRENT SEPARATOR WITH A DISCHARGE CHUTE

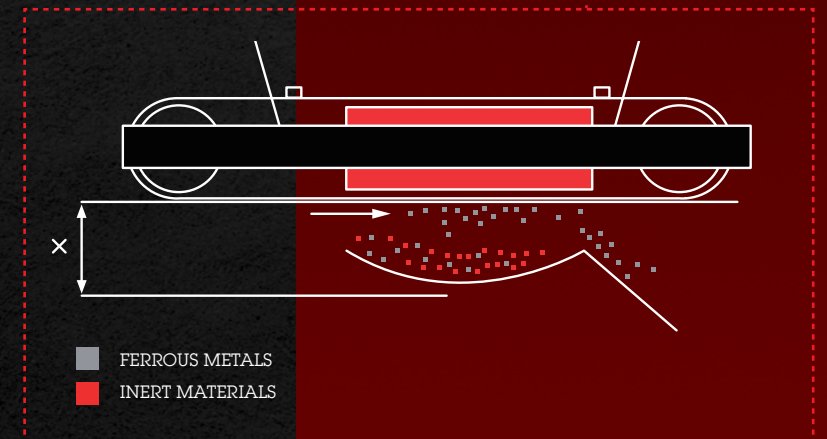
COGELME

OVERBELT MAGNETIC SEPARATOR

For ferrous metal separation
from inert materials



COGELME





Accurate and highly efficient

Due to powerful far-reaching magnetic fields of Cogelme Magnetic Separators, iron separation from product stream is highly precise. Secure and strong structures of equipment assure lasting protection and durability.



Cogelme magnetic separators provide an excellent performance wherever you seek for:

- Separation of iron that varies from powder-sized particles to big pieces
- Separators application on fixed and mobile installations
- Simple maintenance and lasting operation



Core technology. Widely applied

Valuable iron recovery from household waste, wood, glass, paper, electronic scrap, plastic, shredded and granulated materials, and a lot more can be completely fulfilled with rational Cogelme magnetic separators variety.

- Overbelt Magnetic Separators with Permanent Magnets are of 2 groups:
 - with Ferrite magnets – optimally extract middle- and bigger-sized ferrous metals
 - with Neodymium magnets – eliminate tiniest parts of ferrous metals and/or extracts ferrous metals from higher depth of material

Their main advantage lies in free magnet maintenance and no need of electric current for generation of magnetic field.

- Overbelt Electromagnetic Separators. Perfectly extract heavy pieces of ferrous metal, as well as ferrous metals from highly thick materials' depth.

Many other forms of magnetic protection and safety systems:

- Magnetic Pulleys - for medium and small ferrous metal separation from low material depth. Can be also installed after Overbelt Magnetic Separator as a safety system for small ferrous metal, or low magnetic particles separation.

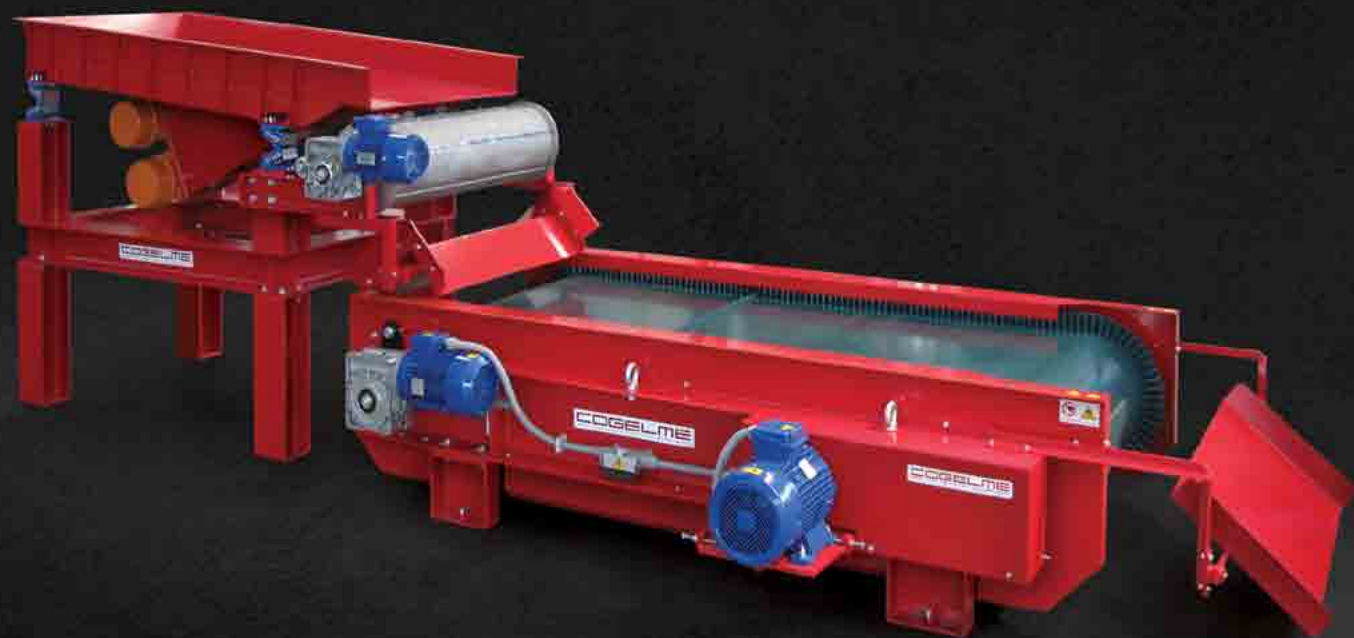
- Magnetic Drums - for big and small ferrous metal separation. Usually are installed out of the conveyor or vibrating feeder. Can be used in a combination with Overband Magnetic Separator when material depth is high on the conveyor.

- Plates and Bars - used as safety systems to extract occasional ferrous metal parts from material flow.

- Grates and Filters - for complete iron particles elimination from fine sized materials.

Our experts will help you to determine a comprehensive ferrous metal separation solution which best stands for your case.





VIBRATING FEEDER WITH MAGNETIC DRUM AND EDDY CURRENT SEPARATOR

COGELME



MAGNETIC GRADING MACHINE

CYLINDER MILL

For glass bottles crushing



COGELME

Efficient cost-cutting equipment, widely applied in classic glass recycling plants.

Cogelme Cylinder Mills is an ideal solution for bottlers, recyclers, municipalities, producers – wherever glass bottles containers are a problem.

- Optimally grind glass bottles and jars after their separation from other materials such as wood, metals, plastic, etc.
- Production capacity up to 24 t/h
- Can be easily installed in existing production lines

Main advantages

- Glass crushing sizes can be regulated
- 80% of energy savings (compared to hammer crushers)
- Bottle caps are detached during processing and can be easily separated with metal separators
- Low powder emission, because glass and ceramics are crushed without being pulverized
- Simple maintenance at minimal efforts

Cogelme glass crusher is successfully employed by main European glass recyclers.



Glass recycling plant with Cogelme Eddy Current Separators, Magnetic separators and Glass crusher.

HARDER, BETTER, SAFER, STRONGER

Cogelme is one of the most skilful, extending primary industry knowledge manufacturers of Magnetic & Eddy Current separators. It offers the recycling industry a wide range of ferrous and non-ferrous metals separators and services, including solutions for glass crushing and plastic bottles pressing.

Together with clients Cogelme searches for comprehensive solutions to reach the best efficiency and value from materials processing.

We, at Cogelme, are resolved to secure every client's lasting operation achievements, because we have learned that when our clients succeed, we succeed too.

COGELME

More about recycling technology and our distributors you can find at:

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