

IMRO MagnetSort



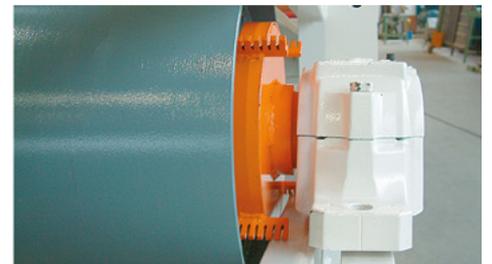
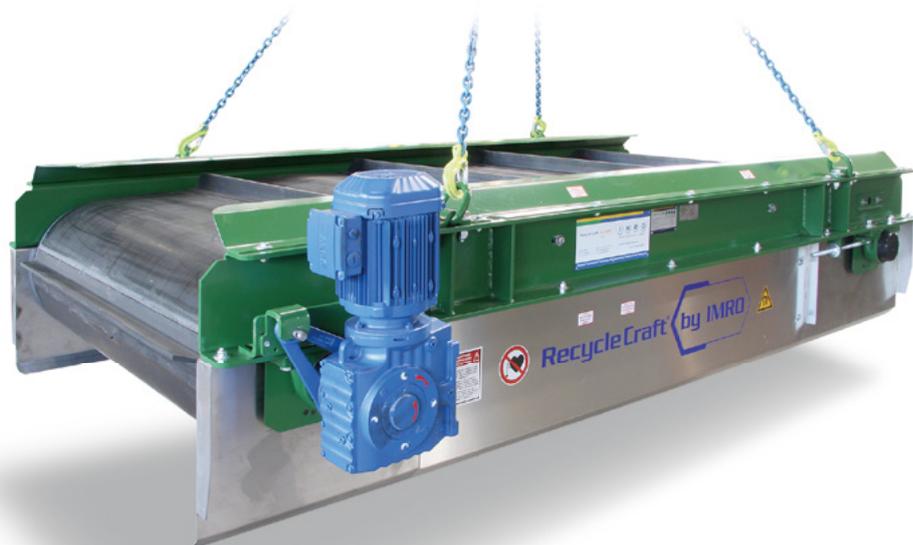
IMRO Permanent Overbelt Magnet Separators

Recycle Craft® **by IMRO**

For more performance and productivity - IMRO Permanent Overbelt Magnet Separators

IMRO Permanent Overbelt Magnet Separators recover iron from valuable materials, domestic refuse, industrial waste, commercial waste, shredded material, wood, glass, construction waste, moulding sand, e-waste, coal, food and feed products. Whatever process is your priority, whether it is iron recovery, materials purification or wear resistance and machinery protection, this magnet system can do the job.

IMRO Permanent Magnetic drums are equipped with permanent magnetic blocks. In series, the transport belt is driven by the attachable gear motor. Other gear motors are available on request; for example, drum motors or hydraulic motors. IMRO Permanent Overbelt Magnet Separators are arranged lengthwise or perpendicular to the material stream. This separator can also be positioned above conveyors, vibrating chutes and slides.



Patent

Patented protection device for bearing and shaft



Separation technology

The efficient and affordable permanent magnet

This high performance permanent magnet is designed **for heavy duty applications**. Satisfied customers are convinced by the efficiency of the IMRO Permanent Magnet IMP. IMRO customers get the most out of their investment with maximum performance and low purchase and operating costs. As a rule, after rough shredding of industrial waste, wood waste and MV slag, electro magnets with strong electromagnetic fields are used in the next shredding stage. The IMRO Permanent Magnet IMP is **as efficient as the electro magnet**. Additionally to savings of around 30 % compared to other brands, **reduced operating costs** will be your decisive advantage.

- Lifting clearance of 180 - 550 mm
- Working width of 400 - 2500 mm
- Other sizes available upon request

Criteria:

- **Material type and specific weight**
- **Material shape and material grain size**
- **Layer height of conveyed material**
- **Size and amount of any iron impurities**
- **Throughput volume**
- **Width of the conveyor belt or the vibrating chute**
- **Required separation efficiency**



We manufacture custom-fit magnet support structures for your suspended permanent magnets, which can be delivered with chutes upon request.

Cleaning the extracted iron impurities is achieved by a rotating rubber belt conveyor, which attracts and ejects the iron impurities.





IMRO TEST CENTRE

Over 25 Years' Experience in Recycling

Technology always fulfils demands. Would you like to know which valuable materials and impurities are contained in your material flow? Then bring it along and have it analysed in our IMRO Test Centre. Our 25 years' expertise and experience in the recycling industry guarantees we will optimise your recycling processes.

Equipped with cutting-edge technology, IMRO Test Centre staff makes sure you are taking the first step in achieving maximum economy and value recovery. Let us demonstrate the performance and the coordinated interaction between all of the IMRO separator machinery.

Your advantage: Fast results and efficient plants and equipment, plus added value and immediate profitability in all recycling processes.

IMRO increases your recycling output - IMRO the Interface Specialist



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IMRO Maschinenbau GmbH
Landwehrstrasse 2 • D-97215 Uffenheim
Phone +49 (0) 98 48 - 97 97-0
Fax +49 (0) 98 48 - 97 97-97
info@imro-maschinenbau.de
www.imro-maschinenbau.de

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