



## STEINERT FinesMaster

› The perfect solution for recycling fine metals, made efficient by its strong magnets and eccentric pole system

# The FinesMaster from STEINERT:

## Fine metals recycling in a single system

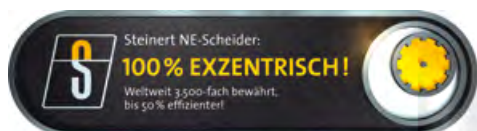
### Extra revenue for metal processors

The processing of fine-grain material has become a popular recycling business in recent years. With separate magnetic drums and magnetic head pulleys, and the NES non-ferrous separator, STEINERT has been offering successful solutions in this field for several years.

The STEINERT FinesMaster now offers a complete system concept without the need to add any interfaces, installations or control equipment. It is STEINERT's complete solution for increased efficiency, control and adjustment needed in the sorting of fine metals.

### STEINERT FinesMaster – the compact modular solution

What makes the STEINERT FinesMaster special is the fact that it unites proven modular solutions into a single, compact unit. Module 1 is a twostage magnetic separator (MRB) which recovers small iron and also separates out ferrous dirt as semi-magnetic waste. Module 2 contains the NES 6119 high-frequency eddy current separator with its unique eccentric and adjustable pole system for the recovery of fine non-ferrous metal. The STEINERT FinesMaster works best in the range of 1 to 25 mm (1/25 to 1 inch) – a range where most eddy current systems have trouble recovering non-ferrous.

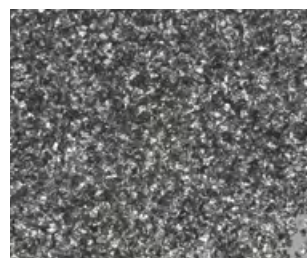


### Upstream fine iron sorting

The way the STEINERT FinesMaster works is very simple: an upstream lowintensity magnetic drum begins by lifting small, clean iron out of the stream of materials. The downstream, fast-running neodymium belt separator loosens the material up and removes any slightly magnetic waste. This reduces the volume in the eddy current separator by about 30%.



Efficient non-ferrous extraction using an eccentric pole system. Proven in operation for 25 years with more than 3,500 units sold, the eccentric pole system in the STEINERT non-ferrous separator prevents damaging iron particles from adhering and concentrates power where it is needed. The system's adjustability increases the yield by another 50%. Altogether the best possible conditions for obtaining a ready-to-sell non-ferrous product in the famous STEINERT quality.



## STEINERT FinesMaster – benefits worth looking at

- Compact, integrated system using proven individual components
- Non-ferrous separator with reliable, eccentric, adjustable pole system
- Up to 50% higher yield as other Eddy Current Separator
- Highly concentrated metal products
- Fast belt speed (3.2 m/s; 10.5 ft/sec) spreads the material and ensures increased removal of waste
- Low metal losses
- Multiple adjustments possible to adapt to changing material properties

## Expertise and technology from the technology leader

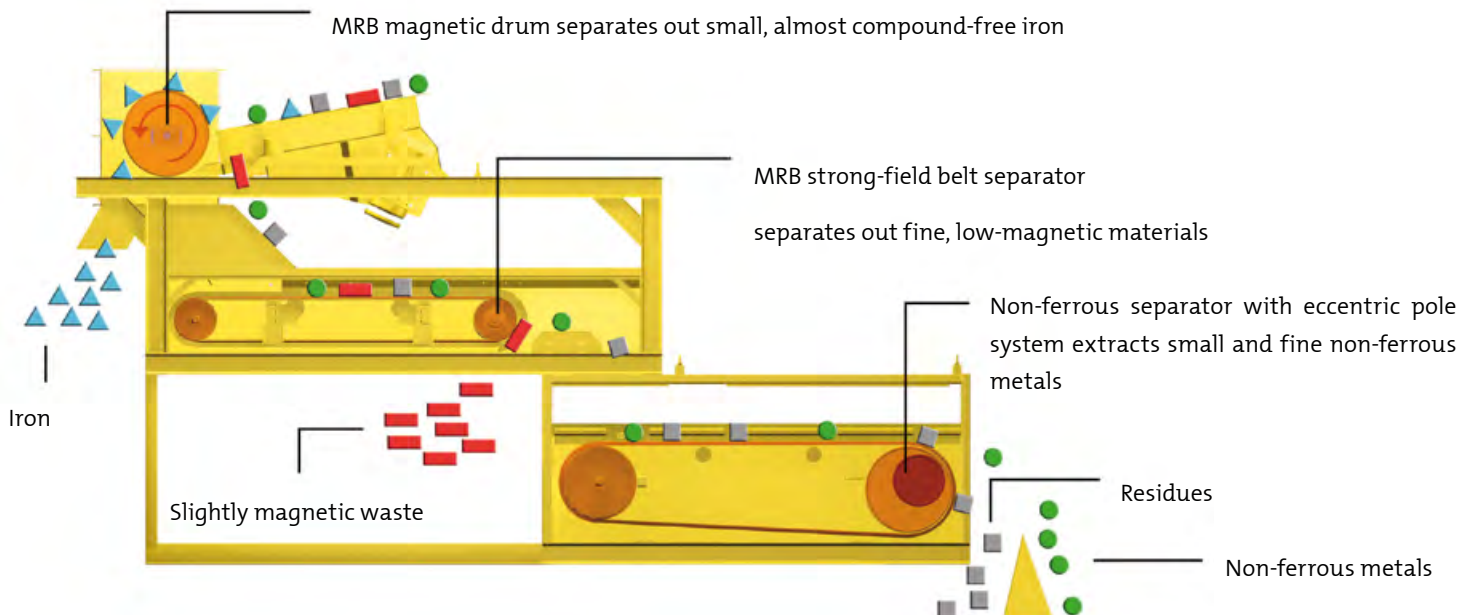
The STEINERT FinesMaster embodies the expertise and technology of one of the pioneers in waste material sorting. Our experience in separation technology began in 1889. Numerous pioneering innovations in sorting technology such as our eccentric pole system, the hybrid magnetic drum, the XSS X-ray sorting system and the ISS induction sorting system have made us the industry's global technology leader.

## STEINERT Master Series

The STEINERT Master Series refers to a series of STEINERT sorting equipment which, like the FinesMaster, has been developed for specialised tasks and satisfies the highest economic and technical standards.

## A master in the recycling of fine metal

Sorting without interfaces – double the benefits. The new STEINERT FinesMaster extracts fine iron and fine-grain non-ferrous metals in a single, compact unit.



#### STEINERT Elektromagnetbau GmbH

Widdersdorfer Straße 329–331  
50933 Köln  
Germany

Phone: +49 221 4984-0  
Fax: +49 221 4984-102  
E-Mail: [sales@steinert.de](mailto:sales@steinert.de)  
[www.steinert.de](http://www.steinert.de)

#### Tochtergesellschaften

Subsidiaries

#### RTT STEINERT GmbH

Hirschfelder Ring 9  
D-02763 Zittau  
Germany  
Phone: +49 3583 540-840  
Fax: +49 3583 540-8444  
E-Mail: [sales@steinert.de](mailto:sales@steinert.de)  
[www.unisort.de](http://www.unisort.de)

#### North America

STEINERT US Inc.  
285 Shorland Drive  
Walton, KY 41094  
U.S.A.  
Phone: +1 800 595-4014  
Fax: +1 800 511-8714  
E-Mail: [sales@steinertus.com](mailto:sales@steinertus.com)  
[www.steinertus.com](http://www.steinertus.com)

#### Australia/Asia

STEINERT Australia Pty. Ltd.  
14 Longstaff Road  
VIC 3153, Bayswater  
Australia  
Phone: +61 3 8720-0800  
Fax: +61 3 8720-0888  
E-Mail: [sales@steinert.com.au](mailto:sales@steinert.com.au)  
[www.steinert.com.au](http://www.steinert.com.au)

#### Japan

STEINERT Japan Co. Ltd  
703 President Roppongi  
3-2-16, Nishi-Azabu  
Minato-ku, Tokyo 106-0031  
Japan  
Phone: +81 3-6804-5607  
Fax: +81 3-6804-5608  
E-Mail: [sales@steinert.jp](mailto:sales@steinert.jp)  
[www.steinert.jp](http://www.steinert.jp)

#### South America

STEINERT Latinoamericana Ltda.  
Av. Heráclito Mourço de Miranda, 2080  
Bairro Castelo  
31330-382 Belo Horizonte  
Brazil  
Phone: +55 31 3372-7560  
Fax: +55 31 3372-6995  
E-Mail: [steinert@steinert.com.br](mailto:steinert@steinert.com.br)  
[www.steinert.com.br](http://www.steinert.com.br)

#### Niederlassungen

Branches

#### China

STEINERT China Ltd.  
Room 1009, Building B,  
Jinhai Wealth Commercial Centre,  
Baiziwangxili, Chaoyang District,  
Beijing 100124  
China  
Phone: +86 1059694456  
Fax: +86 1059694459  
E-Mail: [china@steinert.de](mailto:china@steinert.de)  
[www.steinertchina.com.cn](http://www.steinertchina.com.cn)

#### Singapore

STEINERT Asia  
33 Maude Road #02-01  
Singapore 208344  
Phone: +65 62939556  
Fax: +65 62988231  
E-Mail: [singapore@steinert.de](mailto:singapore@steinert.de)  
[www.steinertasia.com](http://www.steinertasia.com)

#### Africa

STEINERT Africa  
IMS Engineering (Pty) Ltd  
10 Derrick Road, Spartan  
Kempton Park, 1620  
Republic of South Africa  
Phone: +27 10 001 8200  
Fax: +27 11 970 3200  
E-Mail: [south-africa@steinert.de](mailto:south-africa@steinert.de)  
[www.imsengineering.co.za](http://www.imsengineering.co.za)

Subject to technical modifications.

Your local STEINERT consultant:

