



Magnetic Head Pulley

> Mining, shredder material, municipal waste, scrap, cement plants, etc

Magnetic Head Pulley

STEINERT magnetic head pulleys attract particularly small pieces of tramp iron from bulk materials. This is an easy and efficient method to add technology to a plant concept and therefore avoiding the need to make extensive modifications to your plant.

Magnetic head pulleys protect your valuable processing equipment from damage by tramp iron that drum or suspension magnets miss buried in the burden.

APPLICATIONS

Slag, minerals, scrap wood, foundry sand, shredder material, municipal waste and scrap.

For special applications, extremely strong neodymium iron boron is used to capture mildly magnetic stainless steel or minerals. Working widths from 300mm to 2000mm (12"-79") and diameters from 240mm to 640mm (9.5"-25") are available. Shaft and bearing specifications per your requirements.

TECHNOLOGY

The circular rotating magnet system firmly holds the magnetic pieces contained in the bulk material on the conveyor belt and transports them to the bottom side of the pulley, where they are pulled off from the magnetic area into a separate pile.

The axial pole design facilitates easy post-cleaning and ensures a constant field over the entire working width, while the radial pole system yields a particularly high iron recovery rate.





Magnetic head pulleys protect your valuable processing equipment from wear and damage and recover, especially fine-grained iron. Magnetic pulleys with strong neodymium permanent magnets can reclaim small, weak, magnetic and extremely small particles from the material being conveyed.

STEINERT magnetic head pulleys are usually operated after the extraction of larger iron parts by other methods. Magnetic pulleys with strong neodymium type magnets can reclaim small, low magnetic particles from the bulk materials.

The strong magnetic field attracts the ferrous elements contained in the material stream and holds them to the conveyor belt while the non-ferrous bulk falls off.

Our stronger magnets permit higher belt speed levels for your conveyors.



STEINERT Elektromagnetbau GmbH

Widdersdorfer Straße 329-331

D-50933 Köln

Germany

Phone: +49 221 4984-0

Fax: +49 221 4984-102

sales@steinert.de

www.steinert.de

Subsidiaries:

North America

STEINERT US Inc.

285 Shorland Drive

Walton, KY 41094

U.S.A.

Phone: +1 800 595-4014

Fax: +1 800 511-8714

sales@steinertus.com

www.steinertus.com

Australia

STEINERT Australia Pty. Ltd.

14 Longstaff Road

VIC 3153, Bayswater

Australia

Phone: +61 3 8720-0800

Fax: +61 3 8720-0888

sales@steinert.com.au

www.steinert.com.au

South America

STEINERT Latinoamericana Ltda.

Rua Marechal Foch, 41-SL 303 Grajaú

30430-720 Belo Horizonte – MG

Brazil

Phone: +55 31 3372-7560

Fax: +55 31 3372-5995

sales@steinert.com.br

www.steinert.com.br

Japan

STEINERT Japan CO. Ltd

2-7-4-1301 Aomi, Koto-ku

Tokyo 135-0064

Japan

Phone: +81 3 6457-1773

Fax: +81 3 5530-0330

sales@steinert.jp

www.steinert.jp

RTT STEINERT GmbH

Hirschfelder Ring 9

D-02763 Zittau

Germany

Phone: +49 3583 540-840

Fax: +49 3583 540-8444

sales@steinert.de

www.unisort.de

Asia

STEINERT Asia

9 Temasek Boulevard

Level 31, Suntec Tower 2

Singapore 038989

Phone: +65 6559 6170

sales@steinertasia.com

www.steinertasia.com

Technical alterations reserved.

Your local STEINERT consultants:

METATECH SDN BHD

T: +603-55199633

F: +603-55199636

E1: metatech@metatech.com.my

E2: metatech@streamyx.com

