

MAGNETIC SEPARATORS MAGNETIC SYSTEMS METAL DETECTORS



DEVELOPMENT

PRODUCTION

APPLICATION

Magnetic separators
Sorting lines and conveying technologies
Magnetic equipment and tools
Magnetic conveyors
Free-fall and tunnel metal detectors



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MAGNETIC SEPARATORS

DND-MC



OVERBAND MAGNETIC SEPARATOR WITH MANUAL CLEANING

Properties: Multi-pole design with ferrite and neodymium magnets | Variants according to the type of contamination | For belts from 300 to 3000 mm.

Applications: Separation of ferromagnetic particles from bulk materials transported on a conveyor belt. Transverse or longitudinal installation, for instance in the recycling and mining industries.

DND-AC



OVERBAND MAGNETIC SEPARATOR WITH AUTOMATIC CLEANING

Properties: Multi-pole design with ferrite and neodymium magnets | Variants according to the type of contamination | For belts from 300 to 3000 mm.

Applications: Separation of ferromagnetic particles from bulk materials transported on a conveyor belt. Transverse or longitudinal installation, for instance in the recycling and mining industries.

ML-MC



EXTERNAL POLE MAGNET SEPARATOR

Properties: Unique cleaning method | Fitted with ferrite and neodymium magnets | Easy cleaning | For pipe diameters from 100 to 350 mm.

Applications: Separation of ferromagnetic particles from bulk materials transported in the pipelines. Horizontal or vertical installation, for instance in the recycling and food industries.

MM



MAGNETIC MAT

Properties: Available in several sizes and variants | Low-height design and bevelled edges to minimise trip risks | Easy operation and cleaning.

Applications: The magnetic mat prevents the passage of ferrous particles into sensitive processing areas. It meets auditing companies' requirements for this type of protection, for instance in the food and pharmaceutical industries.

MS-MC



CHUTE MAGNET

Properties: Simple handling and installation in chutes | Design with ferrite and neodymium magnets | Magnets swing open for easy removal of captured tramp metal | Available in custom sizes.

Applications: Separation of very fine ferromagnetic particles from gravity fed bulk material streams. Installation in the chute. Very good separation efficiency. Used mainly in the food or chemical industries.

DND-SFX



AUTOMATIC ABOVE-THE-FLOW CHUTE PLATE MAGNETIC SEPARATOR

Properties: Heavy duty use | Suitable for from highly abrasive materials | High efficiency | Fitted with neodymium magnets.

Applications: Separation of ferromagnetic particles from dry and semi-liquid materials transported on a conveyor belt or chute. The cleaning cycle is performed during production without interrupting the operation, for instance in the construction and mining industries.

BULK MATERIALS

BULK,
SEMI-LIQUID MAT.

MAGNETIC SEPARATORS

MSS-MC



MAGNETIC GRATE SEPARATOR IN HOUSING

Properties: Application and dimensional variability | Fitted with neodymium magnets | High efficiency and compact design | For pipe diameters from 50 to 350 mm.

Applications: Separation of very fine ferromagnetic dust particles (pipeline dust), for instance in the plastics, recycling, food and chemical industries.

MSS-AC



MAGNETIC GRATE SEPARATOR WITH AUTOMATIC CLEANING

Properties: Neodymium magnets for high efficiency | Wide range of connecting sizes | One or two-sided design for continuous product flows | Programmable control unit | Operation via touchscreen | Multiple grate rows | Custom designed to fit the needed installation requirements.

Applications: Automatic separation of fine ferrous contamination, for instance in the food, pharmaceutical and recycling industries.

MSR-MC



ROTATING MAGNETIC SEPARATOR

Properties: Neodymium magnets for high efficiency | Increased durability | Wide range of connecting sizes | Compact and hygienic design.

Applications: Separation of ferrous and paramagnetic particles even from poorly penetrable bulk materials, for instance in the food and chemical industries.

MSP-S



PIPELINE MAGNETIC SEPARATOR FOR PNEUMATIC CONVEYING LINES

Properties: Replaceable tubes | Neodymium magnets for high efficiency | Simple and fast cleaning | For pipe diameters from 50 to 250 mm.

Applications: Separation of fine ferromagnetic particles from bulk materials pumped from transportation tankers or silos. Used for instance, in the food, plastics and pharmaceutical industries.

MR, TM, SM



MAGNETIC GRATES AND MAGNETS FOR HOPPERS

Properties: Application and dimensional variability | Design with neodymium magnets | High efficiency | Easy installation and operation.

Applications: Separation of ferrous and paramagnetic particles, for instance in the plastics, recycling and food industries.

MSP-MC



PIPELINE MAGNETIC SEPARATOR

Properties: Easy installation | High efficiency thanks to neodymium magnets | Simple and fast cleaning | For pipe diameters from 50 to 300 mm.

Applications: Separation of very fine ferromagnetic particles from liquids, for instance in the food, ceramics and chemical industries.

BULK MATERIALS

LIQUIDS



Plate separator



Tube separator



Pulley separator



Drum separator



Metal detector

MAGNETIC SEPARATORS AND METAL DETECTORS

LIQUIDS

MSP-AC



AUTOMATIC MAGNETIC SEPARATOR FOR PIPELINE TRANSPORT

Properties: Neodymium magnets for high efficiency | Programmable control unit | Operation via touchscreen | For pipe diameters from 50 to 300 mm.

Applications: Automatic separation of very fine ferromagnetic particles from liquids, for instance in the food and ceramics industries, industrial cooling circuits and degreasing plants.

BULK MATERIALS

MV



MAGNETIC PULLEY

Properties: High design variability | Easily installed or retrofitted | Suitable for variable belt speeds and burden depths | Robust | Use of ferrite and neodymium magnets | Diameters from 90 to 700 mm.

Applications: Automatic separation of large and small ferromagnetic particles from bulk materials transported on conveyor belts, for instance in the chemical, plastics, food and recycling industries.

VMSV



PERMANENT MULTI ROLL MAGNETIC SEPARATOR

Properties: Neodymium magnets with extreme magnetic force | Compact design with up to five cylinders | Programmable control unit with memory function | IP connectivity | Operation via touchscreen.

Applications: Automatic separation of very fine paramagnetic particles from bulk materials transported on the conveyor belt, for instance in the ceramics, glass, mining, food and recycling industries.

BULK MATERIALS

MBZ



MAGNETIC DRUM

Properties: Adjustable feed gate to meter product flow | Use of ferrite and neodymium magnets | Continuous self-cleaning of ferrous contaminants from product flow streams | Available also in double or three drum configurations | Diameters from 204 to 1000 mm.

Applications: Automatic separation of ferromagnetic particles from bulk materials, for instance in the chemical, plastics, food, construction, recycling and mining industries.

BULK MATERIALS

PDK



GRAVITY FALL METAL DETECTOR

Properties: Compact design | Ultra sensitive detection | Custom designed to fit the needed installation requirements | Simple operation | Easy maintenance.

Applications: Automatic separation of magnetic and non-magnetic metals from free-falling materials in the plastics, recycling and chemical industries.

BULK MATERIALS

RDK-SDK

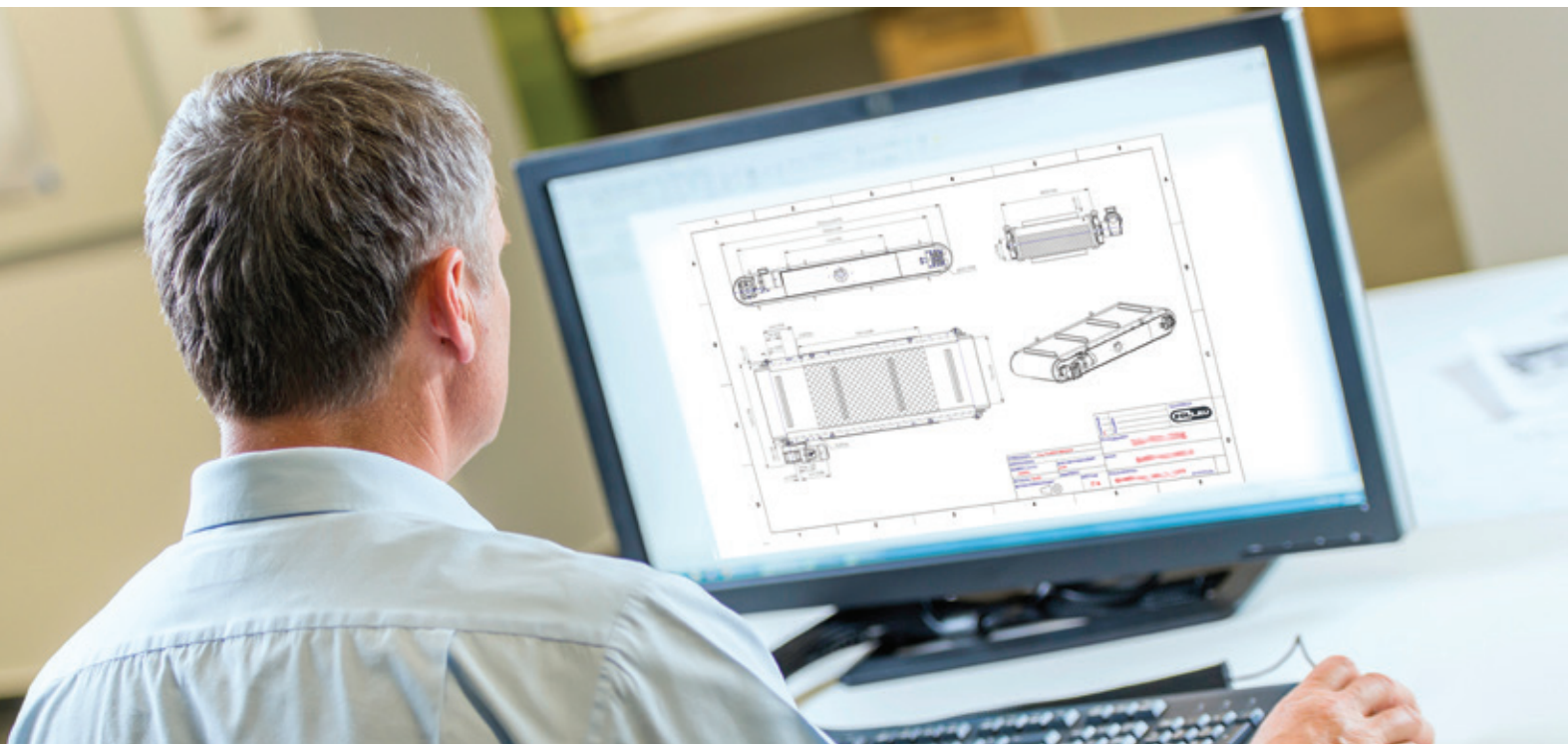


TUNNEL METAL DETECTOR

Properties: Compact design | Wide range of sizes | Easy and intuitive operation | High sensitivity | Several types of reject options.

Applications: Detection of magnetic and non-magnetic metals in products or materials transported on conveyor belts. Used for instance, in the food, pharmaceutical and chemical industries.

CUSTOMER SERVICE



SERVICE

TESTING

INSPECTION

SALES AND AFTER-SALES SERVICE

We will help you select the right equipment for your application. If necessary, we will adapt our product to your specific requirements. We can test the effectiveness of the magnetic separation on samples of materials; in the case of more complex devices we may supervise the installation and commissioning of the final product and we can train operators.

WHAT WE PROVIDE

- Tests of the magnetic separators efficiency
- Repairs, inspections and maintenance of equipment for magnetic separation
- Original spare parts for equipment delivered by our company
- Training for operators working with our equipment
- Expert consultancy and assistance in the field of magnetic separation



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REPRESENTATION

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