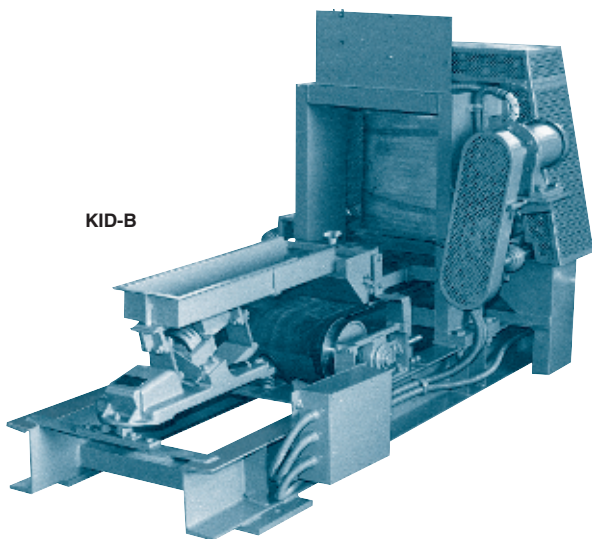


MAGNETIC SEPARATORS

Model KID-B CROSS BELT TYPE POWERFUL MAGNETIC SEPARATOR

MAGNETIC TOOLS & EQUIPMENT FOR MINING OPERATION
LIFTING MAGNET
MAGBORER - CHIP & SLUDGE CONVEYANCE EQUIPMENT
ENVIRONMENTAL MAGNETIZER AND DEMAGNETIZER
MAGNETIC SEPARATORS
POWERFUL MAGNETIC MEASURING INSTRUMENTS
MAGNETIC MATERIALS



KID-B

[Application]

Suitable for separating weak magnetic substances from powder and granular materials such as glass raw materials, casting sand and ceramic raw materials at a high collection rate.

This model works well with dry materials of grain size 3 mm or less and the optimum grain size is about 20 mesh.

[Features]

- High magnetic force and sharp gradient for effective separation of weak magnetic substances from granular materials.
- The conveyor belt speed can be varied steplessly for efficient separation at an optimum speed.
- The mechanism that attracts magnetic substances in raw materials by a magnetic pole above the conveyor and then discharges them ensures a high collection rate. In particular, high-grade collection of useful magnetic substance is possible.
- By increasing the number of magnetic poles above the conveyor to make a multistage construction, separation can be carried out according to the magnetic properties of magnetic substances.
- Can be installed easily in existing lines.

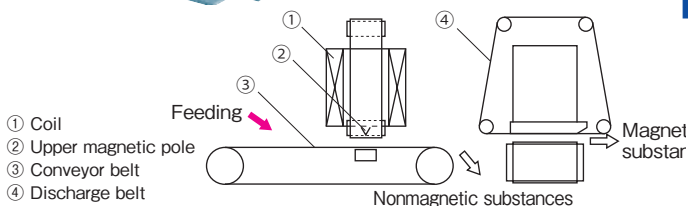
Examples of separation

Removal of iron oxide from lime stone (desiccating agent)

Removal rate 99.5%

Collection of biotite (weak magnetic substance) from feldspar

Collection rate 95% or over



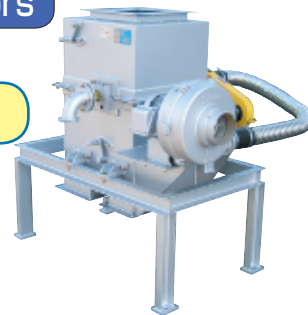
- ① Coil
- ② Upper magnetic pole
- ③ Conveyor belt
- ④ Discharge belt

Examples of fabrication of various recycling magnetic separators

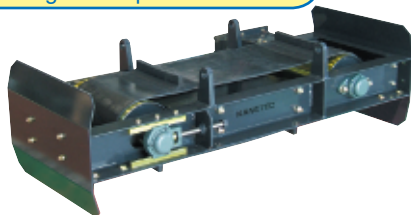


Nonferrous metal separator

An example of fabrication of drum type magnetic separator



An example of fabrication of suspended permanent magnetic separator



An example of fabrication of large electromagnetic drum



An example of fabrication of high-speed drum type magnetic separator

An example of fabrication of high-magnetic force drum type magnetic separator



An example of fabrication of drum type magnetic separator



An example of fabrication of 2-stage drum type magnetic separator

