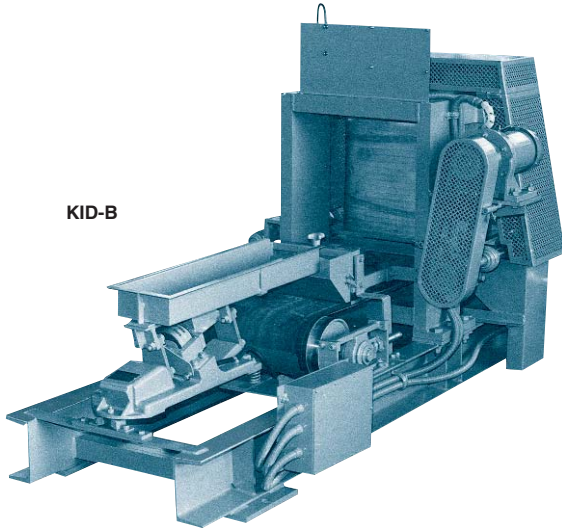


Model KID-B CROSS BELT TYPE MAGNETIC SEPARATOR

MAGNETIC TOOLS FOR WELDING OPERATION
 LIFTING MAGNET
 MAGBORO
 CHIP & SLUDGE TRANSPORTERS
 ENVIRONMENTAL EQUIPMENT
 MAGNETIZERS AND DEMAGNETIZERS
 MAGNETIC EQUIPMENT FOR TRANSPORTATION
 MAGNETIC SEPARATORS
 HIGH GRADE MAGNETIC SEPARATORS
 MEASURING TOOLS
 MEASURING INSTRUMENTS
 MAGNETIC MATERIALS



KID-B

[Application]

Suitable for separating weak magnetic substances from powder and bulk 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 bulk materials.
- The conveyor belt speed can be varied steplessly for efficient separation at an optimum speed.
- The use of a magnetic pole mechanism placed above the conveyor attracts/separates magnetic substances in raw materials, and discharges them ensuring a high collection rate. In particular, high-grade collection of useful magnetic substance is possible.
- By increasing the number of magnetic poles on the conveyor to make a multi-stage construction, separation can be carried out according to the magnetic property of magnetic substances.
- Easily installable in the existing lines.

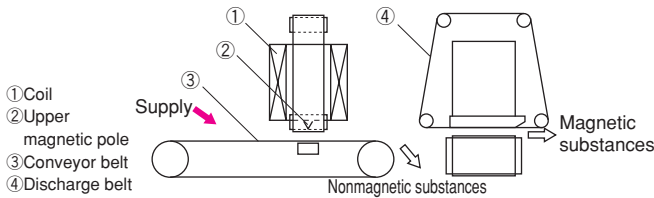
Examples of separation

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

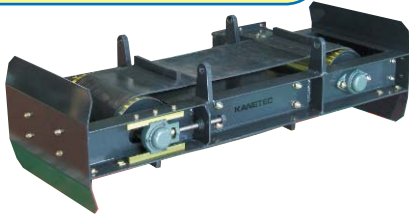


Examples of fabrication of various recycle magnetic separators



Nonferrous metal separator

An example of fabrication of suspended permanent magnetic separator



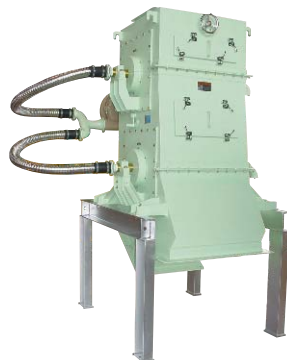
An example of fabrication of high-magnetic force drum magnetic separator



An example of fabrication of drum magnetic separator



An example of fabrication of large electromagnetic drum



An example of fabrication of high-speed drum magnetic separator

An example of fabrication of drum magnetic separator

An example of fabrication of 2-stage drum magnetic separator

