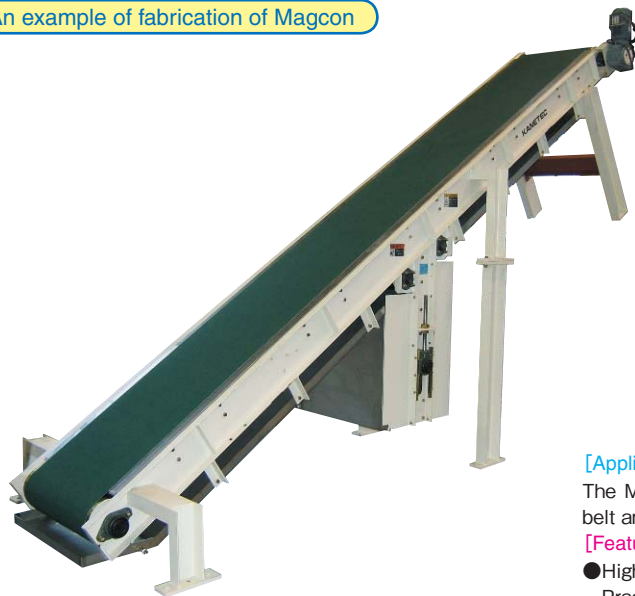


## Model **PME** MAGNETIC CONVEYOR MAGCON\*

An example of fabrication of Magcon



### [Application]

The Magcon is a magnetic conveyor having permanent magnets arranged under the belt and is mainly used to convey iron parts and press scraps upward or downward.

### [Features]

- High performance permanent magnets and optimum design.  
Practically no reduction in magnetic force during its life. (Magnetic force reduction less than 2% over 10-year period)
- Simplified mechanism for trouble-free operations.
- The portable type and inclining type are employed simultaneously to meet a wide variety of operations.
- Requiring less space, Magcon can be utilized effectively in areas of limited room.
- Can be used to connect other up-down conveyor lines when used as an intermediate conveyor link.
- The time to transfer products between processes can be shortened.

- Belt speed: 20m/min
- Belt: Oil-resistant conveyor belt
- Power source: 3-phase, 220 VAC (for motors)
- Magnet: Sintered magnet having long lasting holding power

Notes: ※A feeder hopper will be installed upon request.

※The head pulley can be a magnetic pulley upon request.  
(It picks up magnetic substances on the floor.)

※Various types of Magcon for various operations including vertical conveyance are designed and fabricated according to your needs.

[mm (in)]

| Model  | Dimensions |            |            |            | Motor  |
|--------|------------|------------|------------|------------|--------|
|        | A          | B          | C          | D          |        |
| PME-20 | 200 (7.87) | 280 (11.0) | 210 (8.26) | 480 (18.9) | 0.75kW |
| PME-30 | 300 (11.8) | 330 (12.9) | 280 (11.0) | 580 (22.8) |        |
| PME-45 | 450 (17.7) | 405 (15.9) | 335 (13.1) | 740 (29.1) |        |
| PME-60 | 600 (23.6) | 480 (18.9) | 410 (16.1) | 840 (33.1) | 1.5 kW |

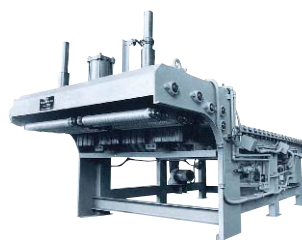
## Example of special products of magnetic equipment for transportation

### COIL OPENER

MCO-P

### SHEET FEEDER

AFR



### [Application]

Coil opener, for operator efficiency and safety. This equipment bites into the top edge of the coil automatically, used in various factories, steel mills, steel suppliers, etc.

Applicable for strip coil,

- Material, ordinary steel plate, silicon steel, colored steel plate, plated steel, surface coated steel, etc.
- Width: 10-2,000mm
- Thickness of plate: 0.2-3.0mm
- Revolution speed: normally 30m/min.

### [Application]

Equipment for feeding silicon steel into baking furnace such as in electric appliance manufacturing; thin steel plate to load to remove from press machines, or for transporting and handling cut plate.

### [Features]

- Designed with strong permanent magnets, for continuously strong attraction power. Electric power not required.
- Combined rotating movement of the roller and reciprocating movement of the cylinders makes a simple efficient design.
- One plate is fed out with each up and down cycle of the cylinder. Efficient for use in relatively small production runs.
- Light weight efficient size makes installation and handling easy.