

CAMPANY PROFILE



Automatic Stacking Machine

■ Outline

It is the unmanned device which piles up the aluminum ingots in square, carried from an ingot-casting machine.
(If you need the device which pile up the ingots in a different shape, we will attend to your request.)

- ① A reception device : It is a conveyer which receive the ingots sent from the ingot-casting device.
- ② A safety device : It takes out the ingots and rings an alarm when load is placed on the machine.
- ③ A cooling conveyer : It carries the ingots while cooling them with water. It moves with high speed.
- ④ A lining-up conveyer : It carries the ingots to the stacking device, lining them up.
- ⑤ A stacking device : It is a device which piles up the ingots in four direction making ninety degrees turns with a servo motor.
- ⑥ A carrying conveyer : It receives the piled-up ingots from the stucking device, and carries them to the place where they are taken out.
- ⑦ A lifter : It lifts the piled-up ingots to the level of the place where they're taken out.
It can automatically weigh the ingots.

The machine is composed of seven main stage of production above.

This plant is coming into the limelight in the industry as a labor-saving device which promote the efficiency at the aluminum alloy factory's work and greatly improve the working environment

■ Characteristics

- It greatly contributes to the environmental sanitation in the plant.
- It greatly develops the efficiency at its work.
- Unmanned operation is possible as it can automatically work in all process.
- It is unlikely that the device break down since it is designed as simple as possible.
- It is easy to maintenance.
- The equipment can be attached to the existing ingot-casting machine.





automatic stacking !



Big size ingot ok, too !



The arm type



The gate type



Chip Dryer System

■ Outline

The device roasts or dries the oil or the water stick to the powder of non metal like aluminum, and removes the magnetic metal like iron efficiently and completely. The gas emitting during roasting, will be perfectly combusted in the second burning furnace after the powder naturally fall in the chamber attached to the edge of a kiln and after preventing them from spreading the fire and the powder. A particle is removed in the back filter.

■ Characteristics

- Only a worker can operate it safely as it adopts a concentrated control style.
- Efficiency of its removing iron is high.
- Working efficiency is outstandingly high.
- It is easy to maintenance.
- It contributes to keep the quality of the products .

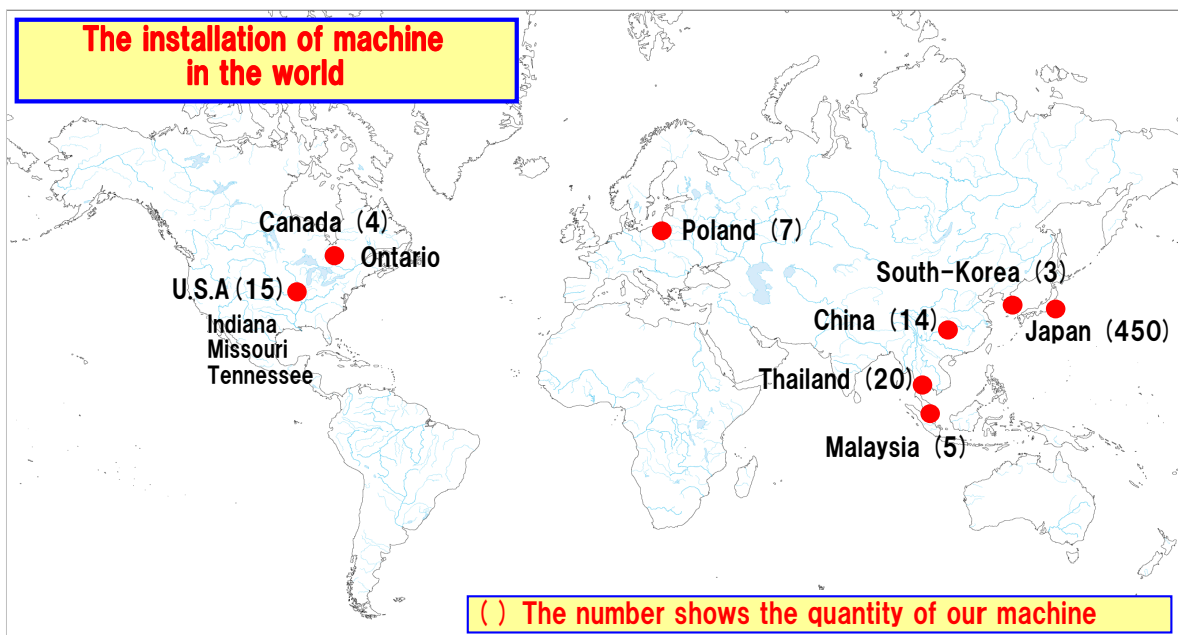


■ COMPANY PROFILE

Trade Name Daidodenji Industry Corporation
Established November. 9. 1970
Capital 300 00 billion yen
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Product line ① Aluminum ingot Casting machine
② Aluminum ingot Automatic stacking machine
③ Chip dryer system
④ Materials injection plant
⑤ Oxidation film sweeper machine
⑥ Various plants, General industrial machine

President-Director Kazuhiko Yoneda



■ Our Histories

Daidodenji Industry Corporation was built in November 1970. We started operating stramling and energy-saving equipment, starting from Stacking Machine, which automatically pile up the aluminum ingots, or Roasting and Removing Iron Plant. These equipments sold much more than it had been expected from the start. As with Stacking Machine, it recorded the highest number in the industry, which doesn't allow the other companies to come after. That made our company stable in the position. Nowadays we are advancing new field of aluminum die-casting, moving from the traditional second aluminum refining industry. At the same time, we aim to create more streaming and energy-saving devices, based on a lot of experiences of selling more than 500 devices in domestic and foreign countries.





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