

Processing of Stainless Steel and Other Metals
From Stainless Steel Tanks to Special Plants

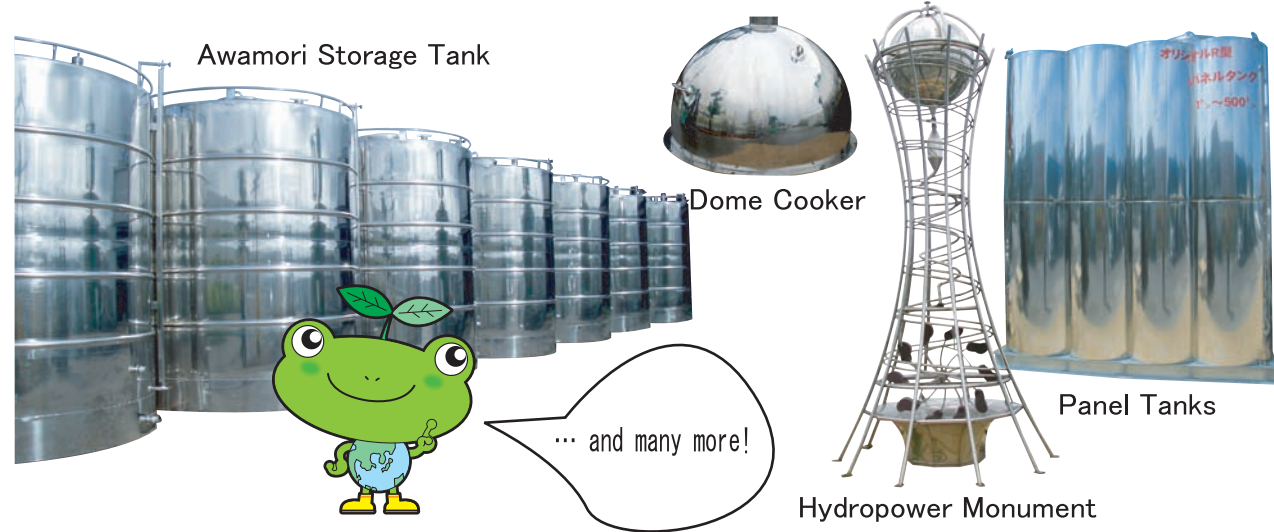
Nissin's roots are in stainless steel processing.

We have come to fabricate, form, and build various equipment and facilities ranging from special food processing and custom distillation units to clean booths and solar power generation plants.

Nissin's strength is in technological innovation to meet customer needs.

Customer needs cannot be met without innovative technological solutions. Developing custom distillation unit, a Moromi lees processing unit, biodiesel fuel processing unit, and solar power generation units are just a few examples of how Nissin has accurately understood customer needs and found the technology to meet them.

Through high technology, Nissin transforms customers dreams into reality.



Original Solar Panel Base

- No. 1 Share in Okinawa Prefecture -

Adoption of the Kyoto Protocol to the International Framework Convention on Climate Change in December 2007 was what prompted Nissin to work on solar power generation units.

Based on its accumulated know-how in metal works, Nissin set out to develop a solar panel base to install panels made by major manufacturers like Sanyo, Sharp, Mitsubishi, and National. We were successful in the development of a base compatible with any panel from any manufacturer, resolving the conventional problem of having to use manufacturer-specific panel bases.

Our patented original panel base allows our customers to freely choose among any panel manufacturer they like. Our base is easy to install, requires shorter set-up time, and boasts a great cost performance. Designed for Okinawa's climate with many typhoons and severe salt damage, our bases are very sturdy. The solar power generation units installed by Nissin survived Typhoon Maemi that hit Miyako Island in September 2003, which recorded a maximum instantaneous wind velocity of 90 meters*1.

With confidence, Nissin offers the best in durability, prices, and after service.

*1According to Okinawa Electric Power Company, Inc.



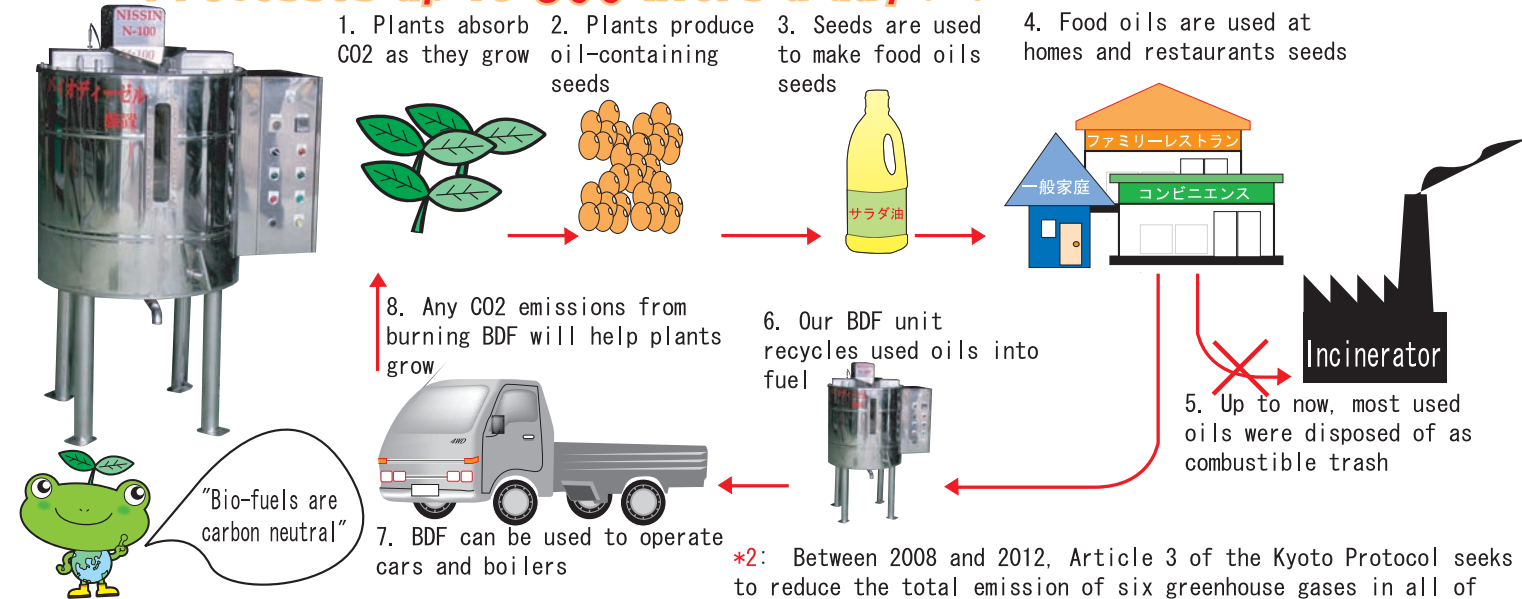
3kW All-Electric IH Cooking Unit and Electric Water Heater
All for 2,480,000 yen!



Bio-Diesel Fuel (BDF)
- Recycling Energy -

As concerns over environmental issues grow, bio-diesel fuel (BDF) is attracting more attention than ever. BDF are used cooking oils generated from homes and restaurants refined to a quality equivalent to that of diesel fuel, so they can be used in diesel engines. The material from which BDF are made, such as soy, peanut, palm, and rapeseed oils, are mostly vegetable. These vegetables absorb CO2 when they grow, off-setting any CO2 emissions generated from burning these vegetable oils. When CO2 absorption and emission offset each other, it is called carbon neutral. 2008 is the start of the target period outlined in the Kyoto Protocol Article 3*2. Nissin is confident that the BDF units we developed will contribute to meeting the emission reduction targets. With the rise in petroleum prices, our BDF units also benefit our customers economically by refining fuel from used food oils.

Processes up to 800 liters a day !!



*2: Between 2008 and 2012, Article 3 of the Kyoto Protocol seeks to reduce the total emission of six greenhouse gases in all of the advanced countries by at least 5% from 1990 figures.

Styrofoam Processing

- From Simple Recycling to Chemical Recycling -

The Best in Styrofoam Processing!!

The biggest challenge in Styrofoam processing was the costs associated with storage and shipping. Styrofoam contains lots of air, making it very bulky. Although it is like storing and shipping air, Styrofoam nonetheless required ample storage space and bigger trucks.

Our Styrofoam reduction units resolve this problem by melting the Styrofoam, reducing the volume to 1/50 - 1/100.



Reduces the volume by 1/50 = 1/100

Melts Styrofoam (polystyrene resin) efficiently with little labor and time. Uses SD solvent (R)*3 which is safe and reusable, making it environmental friendly.

*3: SD solvent is a registered trademark of Opti Co., Ltd.

