



Factory

設備紹介

One of the largest recycling factories in Shizuoka

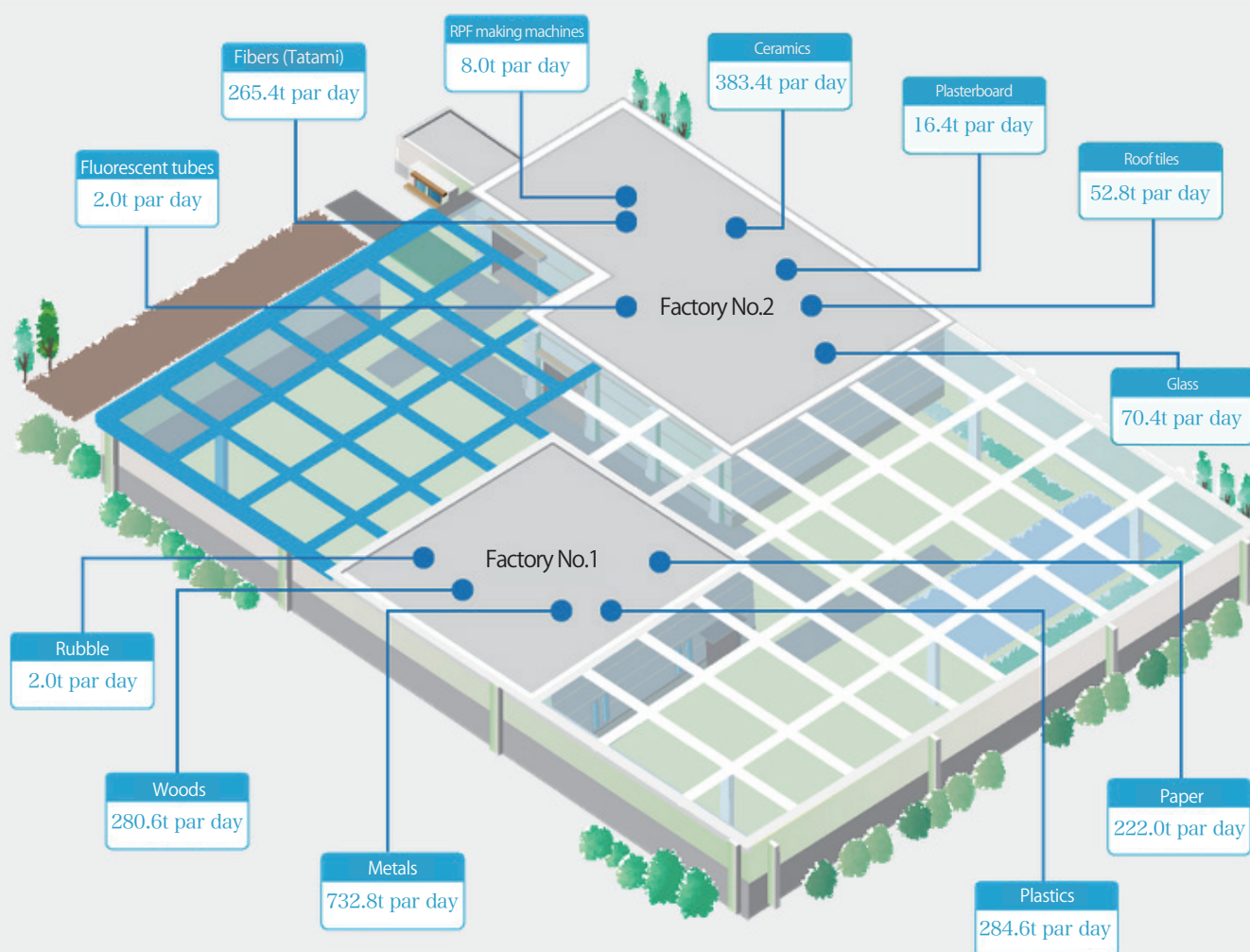
One of the largest recycling factories in Shizuoka was founded in Nishi-ku Hamamatsu city in October 2012. Various waste from companies and households is treated and recycled by its fully equipped facilities.

■ Site Area: approx. 8,250 m² ■ Storage Capacity: approx. 15,000 m³

Maximum Mixed Waste Treatment Capacity: 967.0t per day

Facilities

- General purpose crusher
- 160t compress machine
- 500t cutting machine
- Screening machine
- Automated sorting machine
- Rubble crusher
- Glass crusher
- Roof tiles crusher
- Tatami mats crusher
- Fluorescent tubes processor
- Plasterboard separator
- Two RPF making machines
- Hand sorting line





Sorting machine

Automated sorting machine

Gathered at the first carrying site, waste is broadly sorted and mechanically screened as large or small. This sorting machine classifies them further by their material.



Cutting machine

500t cutting machine

Cutting up various waste such as plastics, paper, woods, metals, glass, ceramics, fibers and rubble.



Compress machine

160t compress machine

Compressing various waste such as plastics, paper, woods, metals and fibers.



Processing machine

Fluorescent tubes processor

Fluorescent tubes were classified as mercury or glass to be reused.



Processing machine

Plasterboard separator

Divided into paper and plaster, where plaster is recycled into soil conditioners, potteries and plant pots, paper is a solid fuel.



Making machine

RPF making machine

Refuse paper & plastic fuel is made from mechanical crushed waste. RPF is a solid fuel and is used at green houses and more.



Crusher

Tatami mats crusher

A crusher for Tatami mats. Crushed and processed tatami were moved to an RPF making machine and recycled as solid fuel.



Crusher

General purpose crusher

Fermenting wood chips are recycled as fertilizer and fuel chips. This machine can also crush a great variety of waste.



Crusher

Glass crusher

The finely crushed glass is recycled and reused as an interior or accessory.



Crusher

Roof tiles crusher

Finely crushed roof tiles are recycled into horticulture materials such as pots and water retaining materials.



Crusher

Rubble crusher

Recycled as high quality materials.

Vehicle

収集運搬

Vehicles

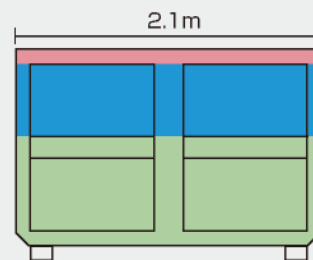
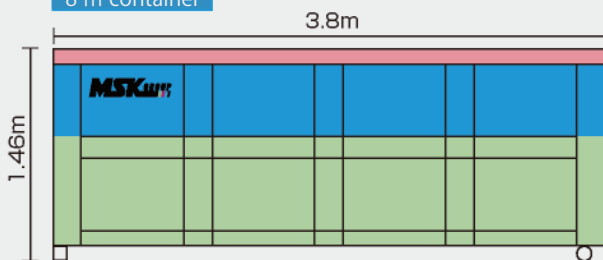


- 1 2-ton truck
Max. loading capacity: 2000kg
- 2 Truck with crane
Max. loading capacity 7100kg
- 3 Removable container trucks
Max. loading capacity 11300kg
- 4 Trailer
Max. loading capacity 11300kg
- 5 Trex
Max. loading capacity 10900kg

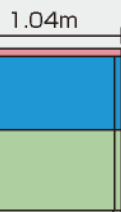
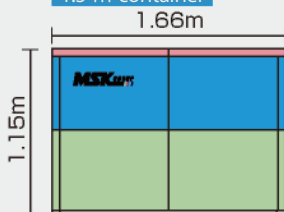
Containers

We have a variety of trucks, from small to heavy loaders.

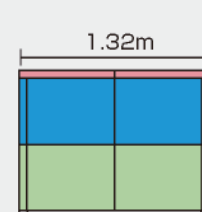
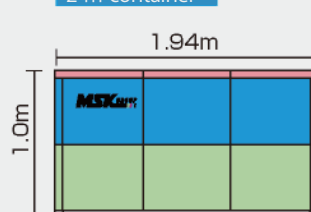
8 m³ container



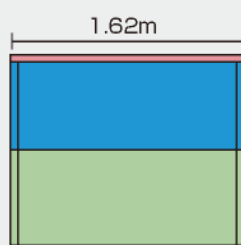
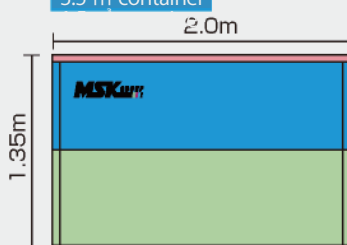
1.5 m³ container



2 m³ container



3.5 m³ container



Agri Recycle

農事リサイクル

Our new project is beginning.

Intermediate treatment



Intermediate treatment 150 m³ par day

Plastics, paper, wood chips, fibers, metals, glass, ceramics and plasterboard

Current condition

Farmers having the ability to produce high quality crops

Purchasing



Greenhouse cultivation

Mandarin oranges, melons, flowers, tomatoes and strawberries

Extra Cost

Outsourcing to other companies Recycling 60%
Final disposal (Incineration/Landfill) 40%

Soaring fuel prices

Decrease in profit
Many farmers stop or halt greenhouse cultivation

Plan for an Agricultural Project

We propose new agricultural technology and offer to maintain agricultural materials and air-conditioners for greenhouses as well as supplying fuel.



MSK Agricultural Recycling Project (including MSK secondary plan)

We propose to revitalize agriculture by the effective utilization of RDF, which previously had low sales and generated low profit.

● We can lower the cost of the fuel supply for our agricultural project because our vast farming land allows us to shift to bio gas energy easily.

● Lower transportation cost by cooperation with local farmers

● Revitalization of local agriculture (Improving profitability)

