

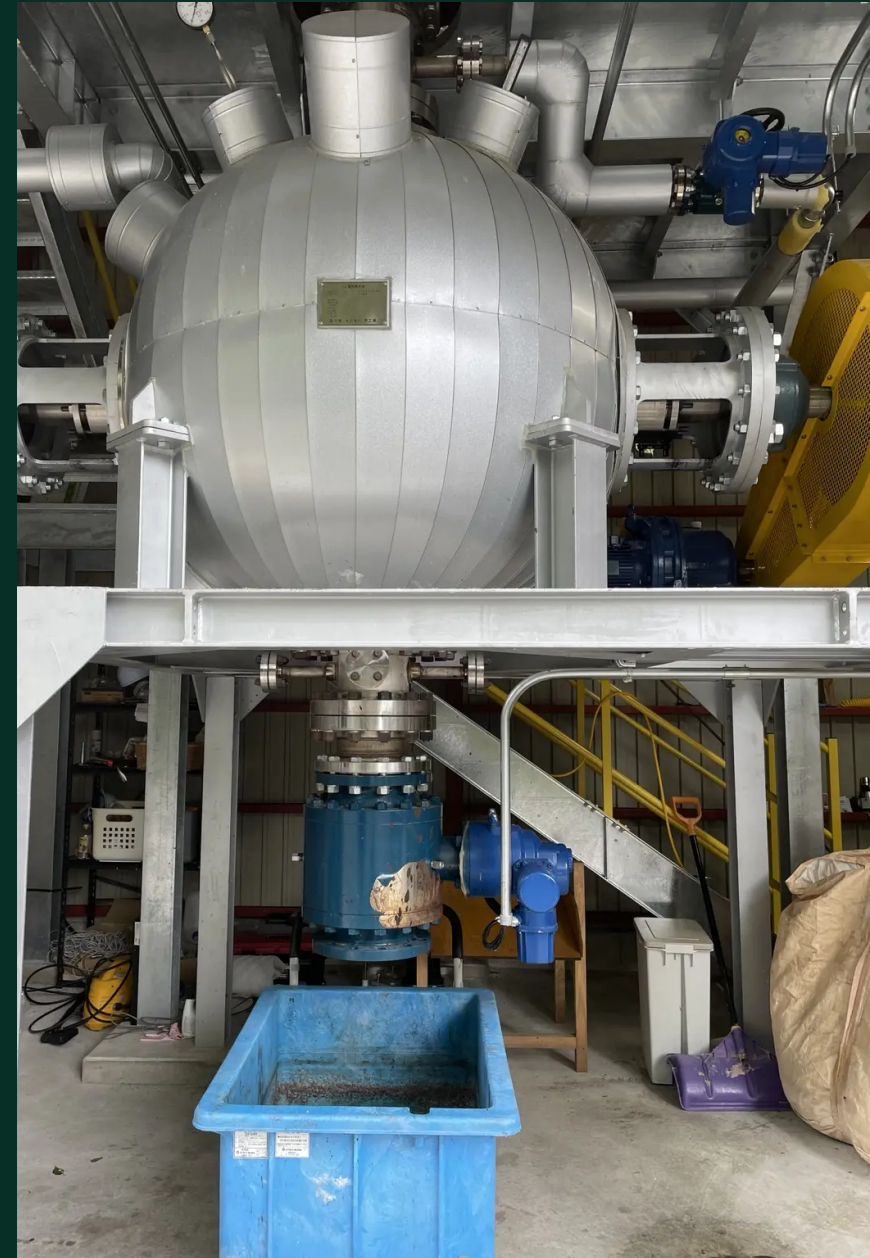
SUBCRITICAL WATER + RESOURCE RECOVERY

A-MEISTER

Custom-engineered treatment for organic waste

A-MEISTER combines subcritical-water hydrolysis, process analysis and downstream treatment. Each plant is designed around feedstock, daily volume, utilities, local regulation and the intended use of treated material.

MEISTER Co., Ltd. | Nagoya, Japan



FOUR BASE CONFIGURATIONS

01 3 m3 single reactor

02 5 m3 single reactor

03 3 m3 twin alternating

04 5 m3 twin alternating

WHY A ROUND REACTOR

- 01 Improved discharge of treated material
- 02 Reduced internal residue
- 03 Easier cleaning and maintenance
- 04 Feed and discharge equipment are custom-designed



RESOURCE AND ENERGY ROUTES

- 01 Bio-assisted conditioning and fertilizer / soil use
- 02 Hydrolysis pretreatment before anaerobic digestion
- 03 Methane recovery for power and heat
- 04 Condensate, liquid and solids are analyzed separately

WORLDWIDE PROJECT SUPPORT

01 Feedstock review and testing

02 Custom design and quotation

03 Manufacturing and inspection

04 International shipping and local installation

05 Commissioning, training and maintenance

PROPOSAL CHECKLIST

01

Country and city

02

Feedstock and daily quantity

03

Form, solids and moisture

04

Target contaminants

05

Required configuration

06

Voltage, frequency, water and fuel

07

Installation area and access

08

Local pressure-vessel and boiler rules

09

Target start date

Discuss your overseas A-MEISTER project

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