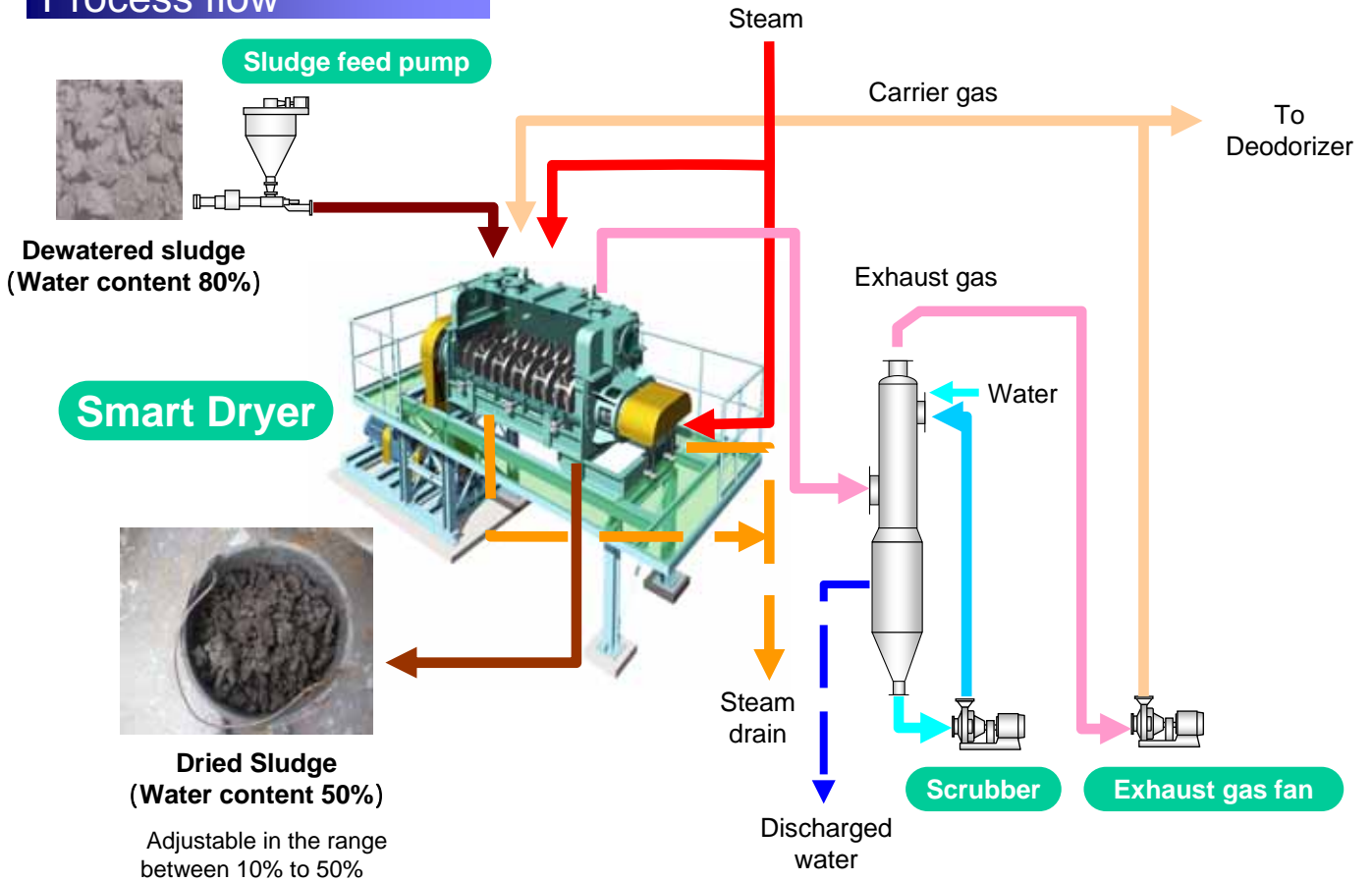


MITSUBISHI Smart Dryer (Double disk type dryer)

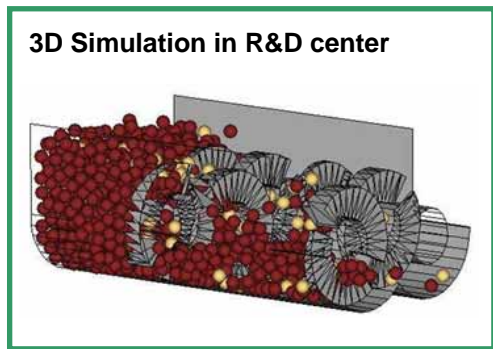
Waste to Energy

Process flow



Features

- Highest efficiency = Less steam consumption**
Mitsubishi Smart Dryer is one of the highest efficiency dryer in sewage sludge treatment field, and can achieve less steam consumption.
- Suitable for sticky sludge in Asian countries**
Because of its unique shaped disks and double counter rotating shafts, Mitsubishi Smart Dryer can dry various sludge stably, even very sticky sludge in Asian countries.
- Utilization as Biomass fuel**
The dried sludge can be utilized as biomass fuel in a boiler, cement kiln and Waste to Energy facility etc, because Lower Heating Value (LHV) of the dried sludge is approximate 5,000 kJ/kg to 6,500 kJ/kg (in case of Asian typical sludge at water content rate 40%).



Double disk type

MITSUBISHI Smart Dryer (Double disk type dryer)

Waste to Energy

Reference plants

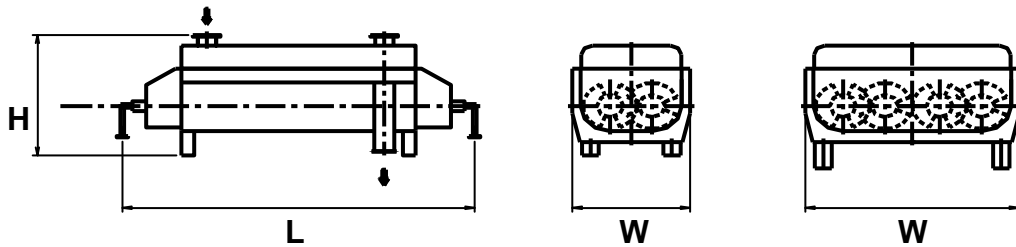


105 ton/day x 2 units in Japan
operated since 1988



15 ton/day x 1 unit in P.R.China
operated since 2012

Dimension



Model No.	MSD-20	MSD-50	MSD-100	MSD-200
Length [mm]	4,858	7,025	8,600	8,600
Width [mm]	2,083	1,689	2,510	3,800
Height [mm]	1,600	2,165	2,465	2,465
Weight [ton]	6	23	51	75

Inquiry

In your inquiry, please provide the following information.

1. Treatment capacity _____ ton/day
2. Source of sludge _____ (sewage/ industrial/ others)
3. Available steam _____ MPaG, _____ degree C
4. Water content of dewatered sludge _____ % at dryer inlet
5. Water content of dried sludge _____ % at dryer outlet

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