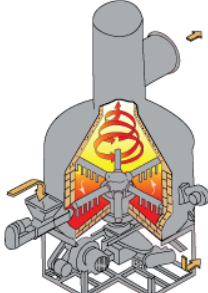


## Technical Information Sheet

<b>1. Name of technology</b>	Drying technology using biomass as the heat source
<b>2. Type of technology</b>	Using the Vortex Incinerator developed by our company, biomass can be burned and used as the heat source for drying.
<b>3. Description of technology</b>	<p><b>[Objective and application of the technology]</b> Burns biomass and uses the exhaust gas as the heat source for drying waste or biomass.</p> <p><b>[Characteristics of the technology]</b> In the past, the weight of sludge was reduced by burning fossil fuels. However, our technology can reduce the weight of sludge using biofuel (wood chips, rice straw, coffee grounds) without the use of fossil fuels. In addition, small-scale power generation can even be performed using excess heat.</p> <p><b>[Delivery record]</b> Our drying incinerator has been installed in over 200 locations in Japan, and 1 location (6 trains) in Singapore with a capacity of 650 t/day. Weight reduction of waste using biofuel is also carried out in Niigata Prefecture and Singapore.</p> <p><b>[Price and other inquiries]</b> Please contact us.</p> 
<b>4. Classification of technology</b>	
(1) Applicable fields	Industrial waste treatment, Recycling
(2) Target waste	Paper/ cardboard, Food waste/ raw garbage, Construction waste, Waste oil, Other
(3) Services provided	Sales of machinery and equipment
<b>5. Countries to which this technology can be provided</b>	Southeast Asian countries
<b>6. Keywords</b>	Drying, incineration, sludge, biomass, energy saving, recycling, weight reduction, power generation
<b>7. Contact information</b>	YAMATO SANKO MFG. CO., LTD. Shotaro Arai, Sales Planning Department +81-3-5381-6485