

Technical Information Sheet

1. Name of technology	Drying of organic sludge and biomass resources (Sludge Dryer)
2. Type of technology	Sludge Dryer is OKAWARA MFG's most proven dryer that uses exhaust gas, fossil fuel, and bio gas to generate hot air to dry dehydrated sludge and biomass resources.
3. Description of technology	<p>[Objective and application of the technology] This technology is used to dry organic sludge and biomass resources with high water content in a short time to reduce the waste volume and dry them to the extent that they can be recycled as fertilizer and fuel.</p> <p>[Characteristics of the technology] The sludge put in the dryer drum is lifted by the lifter installed on the drum while being stirred and is spread by the impellers, enabling fast drying by effective contact with hot air. Although high-temperature hot air is used, the temperature of the dried material is kept low (80°C).</p> <div data-bbox="421 712 981 945" data-label="Image"> </div> <p>[Representative models and specifications] Model: 13 models (RH-22 to RH-502)</p> <p>[Delivery record] Night soil treatment facilities and sewage treatment facilities: Over 600 places Municipal solid waste: 27 places Private companies: Over 400 places</p> <p>[Price and other inquiries] Enokido and Nakaya, Overseas Section, Overseas Strategy Department 03-5743-7461</p>
4. Classification of technology	
(1) Applicable fields	Municipal solid waste treatment, Recycling, Other environment protection technology
(2) Target waste	Other (dehydrated sludge from effluent treatment, wood waste (wood scrap, chips, bark, coconut husks, etc.), food waste, dehydrated organic sludge such as sewage sludge)
(3) Services provided	Plant construction, Sales of machinery and equipment
5. Countries to which this technology can be provided	China, Southeast Asia
6. Keywords	Biomass, sludge, recycling, palm coconut husk, food waste
7. Contact information	OKAWARA MFG. CO., LTD Enokido and Nakaya, Overseas Section, Overseas Strategy Department 03-5743-7461

Objective, application, characteristics, delivery record, and price of technology