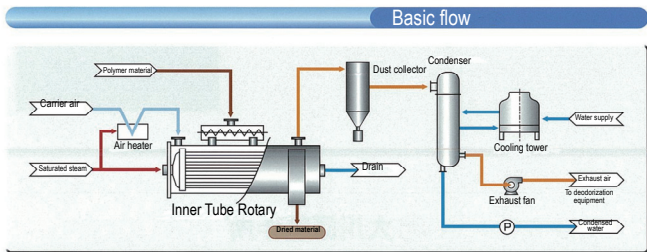


## Technical Information Sheet

<b>1. Name of technology</b>	Drying of organic sludge and biomass resources (Inner Tube Rotary)
<b>2. Type of technology</b>	This technology uses a steam heated dryer that makes relatively large-scale treatment possible and also uses an atmospheric pressure system that enables continuous treatment.
<b>3. Description of technology</b>	<p><b>[Objective and application of the technology]</b>  This technology is used to dry polymer organic sludge and biomass resources to reduce the waste volume and dry them to the extent that they can be recycled as fertilizer and fuel.  The amount of exhaust gas is extremely small and even odorous exhaust gas can be relatively easily treated.</p> <p><b>[Characteristics of the technology]</b>  This technology is a continuous heat transfer dryer equipped with a multitubular heating tube bundle rotating in the stationary shell. Steam is fed to the heating tube bundle to dry waste.  The material loaded from the top of the shell in steps is lifted and dropped by the lifter installed on the rotating heating tube bundle while being stirred, enabling effective contact with the heating tube bundle, mixing, and drying. The amount of exhaust gas is extremely small.</p> <p>Objective, application, characteristics, delivery record, and price of technology</p>  <p><b>[Representative models and specifications]</b>  Model: 11 models (ITR-5 to ITR-200). Larger models are available.</p> <p><b>[Delivery record]</b>  Private sludge treatment company: 30 places</p> <p><b>[Price and other inquiries]</b>  Enokido and Nakaya, Overseas Section, Overseas Strategy Department  03-5743-7461</p>
<b>4. Classification of technology</b>	
(1) Applicable fields	Municipal solid waste treatment, Recycling, Other environment protection technology
(2) Target waste	Other (dehydrated sludge from effluent treatment and dehydrated inorganic sludge)
(3) Services provided	Plant construction, Sales of machinery and equipment
<b>5. Countries to which this technology can be provided</b>	China, Southeast Asia
<b>6. Keywords</b>	Biomass, sludge, recycling
<b>7. Contact information</b>	OKAWARA MFG. CO., LTD Enokido and Nakaya, Overseas Section, Overseas Strategy Department 03-5743-7461