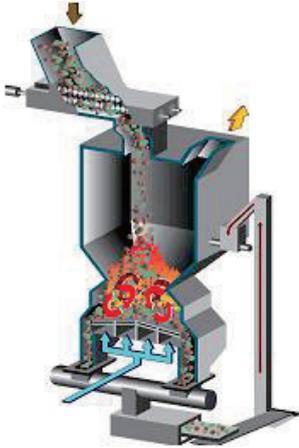


## Technical Information Sheet

<b>1. Name of technology</b>	Fluidized bed refuse incinerator (TIF)
<b>2. Type of technology</b>	This technology is a fluidized bed incineration system that can be used to treat different types of refuse all at once, including municipal solid waste, sludge, and waste plastic.
<b>3. Description of technology</b>  Objective, application, characteristics, delivery record, and price of technology	<p><b>[Objective and application of the technology]</b>                  This technology is Ebara's own fluidized bed technology that uses sand swirling in a furnace and can be used to treat various types of refuse, ranging from municipal solid waste to industrial waste.</p> <p><b>[Characteristics of the technology]</b></p> <ol style="list-style-type: none"> <li>1. This technology is a well-proven safe and reliable system and can be used to treat various types of refuse, ranging from municipal solid waste to industrial waste.</li> <li>2. This technology is equipped with necessary pollution control features and is able to generate power from waste with high efficiency.</li> <li>3. The furnace has a simple robust structure with no driving parts, enabling easy operation and maintenance.</li> </ol> <div style="display: flex; justify-content: space-around; align-items: center;">   </div> <p><b>[Delivery record]</b>                  The first system began operating in 1978. The system has been delivered to 86 facilities in Japan, Europe, and other countries. The maximum capacity is 640 tons per day per furnace.</p>
<b>4. Classification of technology</b>	
(1) Applicable fields	Municipal solid waste treatment, Industrial waste treatment
(2) Target waste	Paper/cardboard, Waste plastic, Styrene foam, Food waste/raw garbage, Waste tires, Medical waste, Waste oil, Other (sludge)
(3) Services provided	Sales of machinery and equipment, Technical cooperation/licensing
<b>5. Countries to which this technology can be provided</b>	China, Southeast Asian countries, and other countries all over the world
<b>6. Keywords</b>	Municipal solid waste, fluidized bed, sludge, high efficiency power generation, dioxin
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