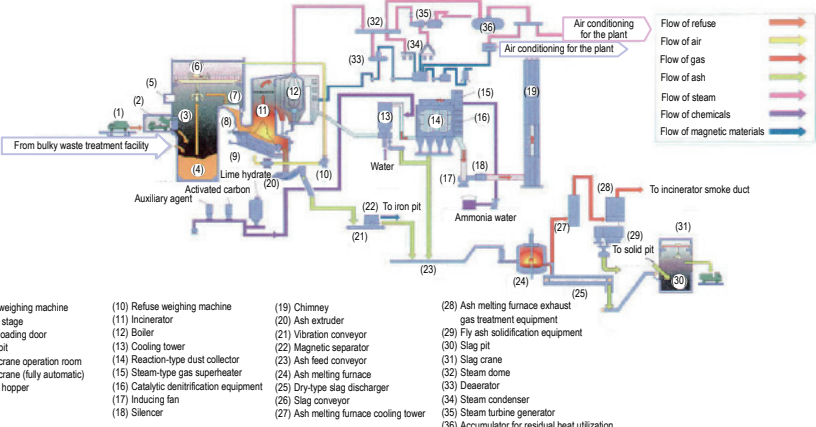


Technical Information Sheet

1. Name of technology	Stoker-type refuse incinerator (Mitsubishi Martin Refuse Incineration System)
2. Type of technology	Reverse grate stoker furnace
3. Description of technology	<p>[Objective and application of the technology] This system is used to incinerate waste with a stoker furnace.</p> <p>[Characteristics of the technology] This technology uses an inclined stoker characterized by a reverse grate. This system consists of moving and stationary grates to mix and stir waste well, making a greater incinerator combustion load possible.</p> <p>The grates have greater air resistance than the refuse layer. Air does not blow through the refuse layer partially even when the refuse layer thickness changes. One incinerator can handle 40 t/d to 1,200 t/d.</p> <p>Objective, application, characteristics, delivery record, and price of technology</p>  <p>[Delivery record] This system has been employed in many cities all over the world.</p> <p>[Price and other inquiries] Please contact the office and person in charge below.</p>
4. Classification of technology	
(1) Applicable fields	Municipal solid waste treatment, Recycling
(2) Target waste	Paper/cardboard, Waste plastic, Plastic bottles, Glass bottles, Steel cans, Aluminum cans, Styrene foam, Food waste/raw garbage, Waste oil, Other
(3) Services provided	Plant construction, Sales of machinery and equipment, Waste treatment service
5. Countries to which this technology can be provided	Asia, Australia
6. Keywords	Reverse grate, stoker furnace, waste incineration
7. Contact information	<p>Mitsubishi Heavy Industries Environmental & Chemical Engineering Co., Ltd.</p> <p>Export Sales Group, Plant Business Department</p> <p>TEL: +81-45-227-1273</p> <p>URL: http://www.mhiec.co.jp/</p>