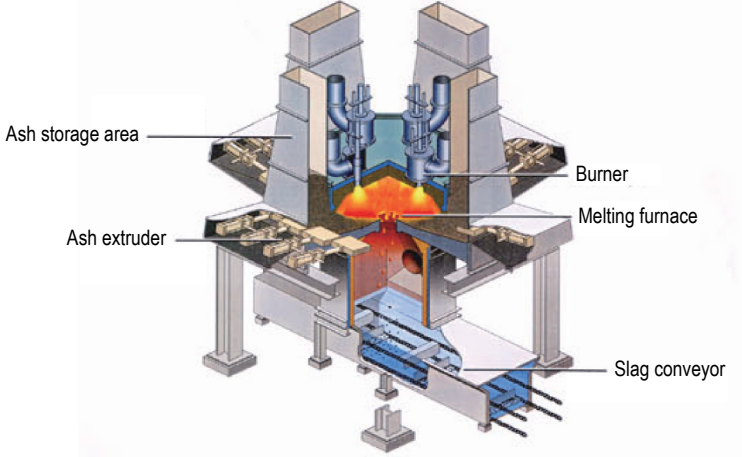


Technical Information Sheet

1. Name of technology	Waste incineration ash surface melting furnace
2. Type of technology	This technology uses a burner to heat ash and produce molten slag.
3. Description of technology	<p> [Objective and application of the technology] This technology is used to heat incineration ash with a burner and melt and recycle waste. </p> <p> [Characteristics of the technology] The furnace has a tetrahedral shape and ash covers its 4 faces, providing reduced heat radiation and good fuel consumption. The ash can be melted with dust and waste that cannot be crushed. The slag is granulated by water. </p> <div style="text-align: center;">  </div> <p> [Delivery record] City H (13 tons per day) and 7 other plants </p> <p> [Price and other inquiries] Engineering Planning Department (Tokyo), Planning and Development Center, TAKUMA Co., Ltd. Person in charge: Susumu Uno TEL: 03-5822-7894 (Direct) FAX: 03-5822-7895 </p>
4. Classification of technology	
(1) Applicable fields	Municipal solid waste treatment, Industrial waste treatment, Hazardous industrial waste
(2) Target waste	Other (Municipal solid waste, industrial waste, and hazardous waste)
(3) Services provided	Plant construction, Sales of machinery and equipment, Waste treatment service, Technical cooperation/licensing, Environmental impact assessment, Survey/data processing, Other
5. Countries to which this technology can be provided	No limitations have been placed on country or region.
6. Keywords	Ash, surface melting, molten slag
7. Contact information	Engineering Planning Department (Tokyo), Planning and Development Center, TAKUMA Co., Ltd. Person in charge: Susumu Uno TEL: 03-5822-7894 (Direct) FAX: 03-5822-7895

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