

Technical Information Sheet

1. Name of technology	Technology that converts garbage into livestock feed and fertilizer (dehydration plant by oil-heated decompression)
2. Type of technology	This technology is used to dry garbage by using waste food oil as a heat medium under reduced pressure and temperature to reduce the modification of protein and produce good livestock feed.
3. Description of technology	<p>[Objective and application of the technology] This system is used to convert garbage into good livestock feed and organic fertilizer.</p> <p>[Characteristics of the technology]</p> <ol style="list-style-type: none"> (1) The low-temperature drying provides livestock feed with less modification of protein. (2) The oil used as a medium is recycled by squeezing it out of dried solid material. (3) The dried solid material is used as organic fertilizer. <div data-bbox="443 678 1476 1205"> <p style="text-align: center;">System flow</p> </div> <p>[Delivery record] 13 facilities in Japan</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, Other environment protection technology
(2) Target waste	Food waste/raw garbage
(3) Services provided	Plant construction
5. Countries to which this technology can be provided	Korea, China, Southeast Asia
6. Keywords	Tempura, fried meal, cooker, waste food oil
7. Contact information	<p>MITSUI ENGINEERING & SHIPBUILDING CO., LTD.</p> <p>Takehiko Ogura, Energy Solutions & Public Infrastructure Sales Department, Engineering Headquarters</p>

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