

## Technical Information Sheet

<b>1. Name of technology</b>	Crushing of waste
<b>2. Type of technology</b>	<p>To incinerate, landfill, ferment, and sort waste, this technology crushes waste into pieces about 15 mm in size,</p> <p>(1) providing improved incineration, fermentation, and sorting efficiency, and</p> <p>(2) enabling landfilling and transportation with reduced volume.</p>
<b>3. Description of technology</b>	
Objective, application, characteristics, delivery record, and price of technology	<p><b>[Objective and application of the technology]</b>  Pretreatment for waste incineration, fermentation, sorting, and landfilling</p> <p><b>[Characteristics of the technology]</b>  A two-axis shear crusher is used for high-torque crushing, providing reduced noise, vibration, and dust. In addition, it requires less power than high-speed rotary crushers and impact crushers.</p> <p><b>[Delivery record]</b>  Over 300 units have been delivered in and outside Japan.</p> <p><b>[Price and other inquiries]</b>  (1) Small crushers for sewage and food residues: ¥4,000,000 to 8,000,000  (2) Crusher for municipal solid waste and bulky waste: ¥18,000,000 to 50,000,000  (3) Contact information: Hayashi, Director in charge of overseas business  <a href="mailto:hayashi@helios-inc.co.jp">hayashi@helios-inc.co.jp</a></p>
<b>4. Classification of technology</b>	
(1) Applicable fields	Municipal solid waste treatment, Industrial waste treatment, Final disposal, Recycling (material)
(2) Target waste	Paper/cardboard, Waste plastic, Plastic bottles, Styrene foam, Food waste/raw garbage, Construction waste, Electric home appliances, Waste tires, Other
(3) Services provided	Sales of machinery and equipment (machinery), Technical cooperation/licensing, Consulting
<b>5. Countries to which this technology can be provided</b>	Japan, China, Korea, Southeast Asia, India, Middle East, Eastern Europe, Western Europe, North America
<b>6. Keywords</b>	Crusher, HELIOS, waste
<b>7. Contact information</b>	<p>HELIOS CO., LTD</p> <p>Executive Director: Takuichi Hayashi</p> <p>TEL: +86-138-0121-3833(mobile) FAX: +81-(0)46-887-2023</p> <p>URL: <a href="http://www.helios-inc.co.jp">http://www.helios-inc.co.jp</a></p>