

Technical Information Sheet

1. Name of technology	Recycling facility for recycling municipal solid waste through crushing and sorting (KYOKUTO Tremash Crusher)
2. Type of technology	This facility is a crushing and sorting facility centered around a crusher specially developed for waste materials. <ul style="list-style-type: none"> • This facility is used to sort iron, aluminum, non-combustible waste, and combustible waste with a crush size distribution suitable for mechanical sorting. • Waste is crushed into small pieces, which contributes to improving the purity of non-combustible waste to be landfilled and reducing the volume of landfilled non-combustible waste.
3. Description of technology	
Objective, application, characteristics, delivery record, and price of technology	<p>[Objective and application of the technology]</p> <p>This facility is used to crush and sort waste containing two or more materials to improve the recycle rate and reduce the amount of final waste to be disposed of. This recycling facility centers on a vertical high-speed rotating crusher and provides a high level of municipal solid waste recycling.</p> <p>[Characteristics of the technology]</p> <p><Crush size distribution suitable for mechanical sorting></p> <p>Use of a vertical high-speed rotating crusher provides a crush size distribution suitable for sorting iron and aluminum with magnets and sorting non-combustible waste and combustible waste by screening, enabling high-precision sorting.</p> <p><Crush size for reduced landfilling></p> <p>Use of a vertical high-speed rotating crusher provides a smaller crush size for non-combustible waste and enables quick sorting by screening and other means with higher purity, making it possible to reduce the amount of landfilled waste and the overall volume of waste.</p> <div data-bbox="422 1081 1492 1467" style="border: 1px solid black; padding: 5px;"> <p style="text-align: center;"><u>Kyokuto Tremash Crushing Facility Sorting Flow</u></p> <p style="text-align: center;">Delivery trucks (out) Delivery trucks (out) Delivery trucks (out) Delivery trucks (out)</p> </div> <p>[Delivery record]</p> <p>Over 100 crushing and sorting facilities with vertical high-speed rotating crushers have been delivered in Japan.</p> <p>[Price and other inquiries]</p> <p>Address: 3-15-10 Higashi-shinagawa, Shinagawa-ku, Tokyo 140-0002 Tokyo Office, KYOKUTO KAIHATSU KOGYO CO., LTD. Kazutake Ito, Sales Department, Environment Division</p>
4. Classification of technology	
(1) Applicable fields	Municipal solid waste treatment, Recycling (material)
(2) Target waste	Paper/cardboard, Waste plastic, Plastic bottles, Glass bottles, Steel cans, Aluminum cans, Styrene foam, Electric home appliances
(3) Services provided	Sales of machinery and equipment (machinery), Technical cooperation/licensing
5. Countries to which this technology can be provided	China, Korea, ASEAN countries

6. Keywords	Composite treatment, crusher, crushing, mechanical sorting, volume reduction, material sorting
7. Contact information	Address: Tokyo Office, KYOKUTO KAIHATSU KOGYO CO., LTD., 3-15-10 Higashi-shinagawa, Shinagawa-ku, Tokyo 140-0002 Kazutake Ito, Sales Department, Environment Division URL: http://www.kyokuto.com/