

## Technical Information Sheet

1. Name of technology	Spray can crushing system
2. Type of technology	This technology is used to safely crush discarded spray cans, regardless of whether full or empty, and sort them by material so that they can be recycled. The system also recovers the gas in the cans for reuse as fuel, thereby providing complete spray can recycling.
3. Description of technology	<p><b>[Objective and application of the technology]</b>  This technology is used to crush discarded spray cans, and sort them by material so that they can be recycled. It also recovers the gas in the cans for reuse as fuel.</p> <p><b>[Characteristics of the technology]</b>  Safe crushing treatment of spray cans, and sorting of the cans by material  Reuse of the gas in cans as fuel</p> <div data-bbox="414 705 1484 1411" data-label="Diagram"> <p>The diagram illustrates a complete recycling process for spray cans. It begins with 'Wrapping material' and 'Spray can' inputs. The spray cans enter a 'Crusher (biaxial)' with a 'Processing capacity: 4.2 ton/day'. From the crusher, 'Combustible gas' is recovered and stored in a 'Combustible gas holder' before being used as 'Boiler fuel' in a 'Waste heat recovery boiler'. The crushed material passes through a 'Vibrating screen' and a 'Strainer'. The 'Strainer' separates 'Waste plastic' and 'Waste liquids', which are sent to 'Thermal recycling'. The remaining 'Iron and aluminum' is sent to a 'Magnetic separator', which produces 'Iron' and 'Aluminum'. Both 'Iron' and 'Aluminum' are sent to 'Material recycling'. The entire process is housed within a 'Recycling facility'.</p> </div> <p><b>[Delivery record]</b>  More than 10 years of experience in performing this treatment</p> <p><b>[Price and other inquiries]</b>  Person in charge: Minoru Miyamoto  Planning and Sales Department, Shinryo Corporation  TEL: +81-93-643-2778  E-mail: #SRY-KR-WEB-KANKYOU@shinryo-gr.com</p>
4. Classification of technology	
(1) Applicable fields	Industrial waste treatment
(2) Target waste	Waste plastic, Steel cans, Aluminum cans
(3) Services provided	Waste treatment service

<b>5. Countries to which this technology can be provided</b>	China and ASEAN
<b>6. Keywords</b>	Treatment of spray cans
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