

Technical Information Sheet

1. Name of technology	Waste plastic separator (PRASEN ACE)
2. Type of technology	Separator Sorting of heavy plastic and light plastic
3. Description of technology	
Objective, application, characteristics, delivery record, and price of technology	<p>[Objective and application of the technology] This separator can remove plastic with a larger specific gravity, such as PVC, which contains chlorine (a cause of dioxins), from other types of plastic.</p> <p>[Characteristics of the technology] By using centrifugal force, heavy plastic (PS, PVC, and PET) and light plastic (PP and PE) can be separated from each other. The separated light plastic is recycled and the heavy plastic is used as solid fuel (RPF), a blast furnace reducing agent, and so on.</p> <p>[Representative models and specifications] Model: TRH074R Treatment capacity: 1 ton per hour (heavy plastic: 10%, light plastic: 90%) Waste to be treated: Waste plastic Power: Drive (132 kw), Differential (15 kw)</p> <p>[Delivery record] 13 units have been delivered in Japan.</p> <p>[Price and other inquiries] Department: Sales Section, Industrial Machinery Sales Department Person in charge: Omori</p>
4. Classification of technology	
(1) Applicable fields	Municipal solid waste treatment, Industrial waste treatment, Other environment protection technology
(2) Target waste	Waste plastic
(3) Services provided	Plant construction
5. Countries to which this technology can be provided	No restrictions
6. Keywords	Waste plastic
7. Contact information	TOMOE Engineering CO., LTD. Department: Sales Section, Industrial Machinery Sales Department Person in charge: Omori