

Technical Information Sheet

1. Name of technology	Carbonizer
2. Type of technology	Carbonizer
3. Description of technology	<p>[Objective and application of the technology] Screw carbonizer</p> <p>[Characteristics of the technology] (1) The system can easily be started and stopped. (2) Scraping operation with conveyors prevents carbides from remaining in the system and fuel accidents from occurring after the system is stopped. (3) Dry distillation gas is used for carbonation and as a heat source, reducing energy consumption. (4) The time period for which sludge remains in the furnace can be adjusted, providing sludge carbide with stable properties. (5) Troughs are located at the top and bottom of the system, saving space.</p> <p>[Representative models and specifications] Model: Screw Treatment capacity: 10-100 Ton Raw material: Sewage sludge Carbide properties: Granular For more information, see the attached process chart.</p> <p>[Delivery record] Tsuruoka, Futaba, Nonsan-si (Korea)</p> <p>[Price and other inquiries] Please contact the office and person in charge below.</p>
4. Classification of technology	
(1) Applicable fields	Other environment protection technology
(2) Target waste	Other (sewage sludge)
(3) Services provided	Sales of machinery and equipment
5. Countries to which this technology can be provided	China, Korea
6. Keywords	Carbonization, drying, carbonizing, dryer
7. Contact information	TOMOE Engineering CO., LTD. Sales Section, Overseas Sales Department Person in charge: KOUSUKE ARASHIRO TEL: 03-5435-6528 E-mail: overseas@tomo-e.co.jp