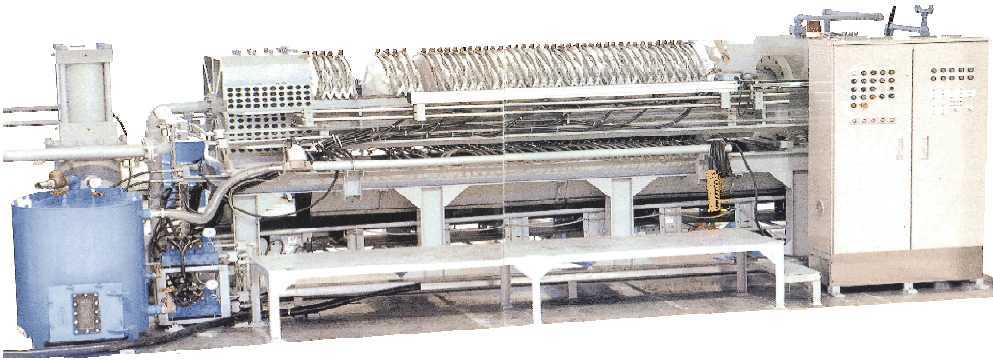


Technical Information Sheet

1. Name of technology	High pressure/vacuum high power dewater machine for sludge and others
2. Type of technology	Highly efficient dewatering of waste liquid containing sludge, reducing volume and lowering treatment costs.
3 Description of technology	<p>[Objective and application of the technology] Dewatering of target sludge/effluent that is more rapid and efficient to an unprecedented degree than conventional systems, and separation of such dewatered sludge/effluent into cakes (sludge) and filtrated water.</p> <p>Significant volume reduction is achieved by converting the waste liquids into solid cakes with low water content. This low water content means drying and incineration requires much less energy than usual. Some types of waste liquids can be recycled into valuable materials.</p> <p>[Characteristics of the technology] The synergistic effect of high pressure (max 50kg/m²) and vacuum enables highly efficient dewatering. This has led to the successful production of dewater organic sludge and high water content (>97%), which is difficult to achieve with conventional dewatering machines. The performance is world class.</p> <p>[Delivery record] 15 units (sales commenced recently)</p> <p>[Price and other inquiries] Environment Division, Kyoritsu Co., Ltd. URL: www.kyo-ri-tsu.com</p> 
4. Classification of technology	
(1) Applicable fields	Industrial waste treatment
(2) Target waste	Other
(3) Services provided	Sales of machinery and equipment, Technical cooperation/ licensing, Consulting
5. Countries to which this technology can be provided	All countries worldwide (such as ASEAN countries, and those in Europe and Africa)
6. Keywords	Dehydration, dewatering, water content ratio, volume reduction, treatment cost, waste liquid, sludge, reduction of treatment cost, recycling of waste
7. Contact information	Persons in charge: Nakai and Fujiwara Environment Division, Kyoritsu Co., Ltd. URL: www.kyo-ri-tsu.com