



Liquid Waste Extractor A Hotel and Restaurant Food Waste Solution

In the fast-paced hospitality industry, time is money. Whether you are preparing a meal for 400 guests or cleaning up after a long day of meetings and exhibits, every second saved can be put towards another project, helping to make sure that each guest is taken care of throughout their stay.

Many hotels serve food nearly around the clock, through banquet catering, on-site restaurants, and in-room dining. All of this food preparation and service can leave large amounts of food waste behind. Waste Management Sustainability Services can help your property increase food waste diversion while reducing labor costs and generating efficiencies throughout the food preparation, collection, and disposal processes.

EuroXT - Liquid Waste Extractor

One emerging solution for managing food waste is the Liquid Waste Extractor (LWE) manufactured by SBM Maschinen GmbH and distributed in North America by EuroXT LLC. The LWE, manufactured in Bavaria, Germany, was originally developed to process organic waste on British military ships. Over 4,500 units have been successfully deployed throughout Europe and Australia, by Electrolux, the second largest appliance maker in the world.

The two-part Liquid Waste Extractor uses mechanical processes to reduce the volume and weight of food waste by removing liquids, the largest components of organic waste. The unit discharges extracted water through the facility's wastewater system, and discharges the organic, nearly-dry pulp, that can be utilized in a variety of processes.

Operational Efficiencies

The LWE reduces the volume of the food waste produced, generating fewer trips to a trash room or loading dock. This enables porters or other staff to dedicate their time in other places around the facility.

Reducing the volume of food waste can also provide an opportunity to reduce waste container sizing or frequency of hauls, generating additional cost savings. Removing the moisture from the food waste also helps reduce the amount of flies and other pests in the area.

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Key Metrics

- The average per-load weight reduction is around 70 percent
- Volume is also reduced 60-70 percent
- Placing the LWE just outside the kitchen area reduces the needed number of trips to the compactor
- Processed, dehydrated solids are ideal for composting or waste-to-energy processes

About Sustainability Services

Waste Management Sustainability Services is a nationwide network of environmental professionals offering sustainability advisory services, environmental and project management experience to help companies advance along the path toward sustainability. By leveraging the network of assets and expertise of Waste Management, the leading provider of comprehensive waste and environmental services in North America, our team can design and implement value-driven solutions unrivaled in the industry.

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