

LFC-1000

Biodigester



About

The LFC-1000 biodigester is a commercial grade food digester with a nominal capacity of 1000 kg (2200 lb) of food waste per day.

The integral bin tipper safely lifts the waste into the biodigester thereby avoiding personnel injuries. An optional cage provides extra safety.

The LFC-1000 biodigester incorporates Power Knot's sixth generation technology having improved usage, statistics, and diagnostics. It is available in versions for land and marine applications.

Designed, developed, and manufactured by Power Knot in Silicon Valley, California.



Features

- Minimal operating costs
- Fully automatic operation
- Aerobic digestion provides quiet and odor free operation
- Digests from 400 kg (900 lb) up to 3000 kg (6600 lb) per day of food waste¹
- Bin lifter can lift up to 70 kg (150 lb) and can be configured for US style bins and rest of world bins
- Easily installed with standard plumbing and electrical connections
- Can be situated in kitchens and work areas
- Standard three phase ac power input to operate globally
- Weight of waste is continuously monitored and reported
- Color touch screen interface
- Incorporates comprehensive diagnostics and service schedules
- Connects to the cloud so statistics on usage, diagnostics, and service schedules can be monitored remotely

- USB exports statistics to memory stick
- Optional cage to fit around the bin lifter mechanism and emergency switch for safety

Benefits

- Digests food waste on site at your facility
- Converts all waste to water which can be safely discharged into sewage systems
- Eliminates cost of other disposal methods
- Removes need for transportation of food waste off site
- Runs continuously to avoid the accumulation of waste
- Leaves no residue that needs to be disposed of
- Improves operations by eliminating the need to store organic waste
- Easily used by existing staff
- Fits into standard environments so no special space is required
- Easily identify the waste generated by the hour, day, week, month, and year and create reports for stakeholders
- Three year warranty²

¹ Maximum capacity is determined by type of waste and frequency of feeding.

² Warranty is subject to terms and conditions.

