

# LFC-300FT

## Biodigester



### About

The LFC-300FT biodigester is a commercial grade food digester with a nominal capacity of 300 kg (660 lb) of food waste per day.

The flat top allows you to use the machine as a work surface or for storage. This minimizes the amount of space devoted to the installation of a biodigester in your facility.

The LFC-300FT biodigester incorporates Power Knot's seventh 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
- Aerobic digestion provides quiet and odor free operation
- Digests from 100 kg (220 lb) up to 900 kg (2000 lb) per day of food waste<sup>1</sup>
- Easily installed with standard plumbing and electrical connections
- Can be situated in kitchens and work areas
- Three phase ac power input to operate globally
- Weight of waste is continuously monitored and reported — shows statistics on usage
- Card reader permits the use of NFC cards that can identify the type or source of waste
- 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
- Hose permits washing of food waste bins
- Easily used by existing staff
- Color touch screen interface



### 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
- Easy installation adjacent to other work surfaces
- Easily identify the waste generated by the hour, day, week, month, and year and create reports for stakeholders
- Easily identify the waste by type or source and create reports for users and stakeholders
- Statistics are not impaired by use of the top as a work surface
- Three year warranty<sup>2</sup>

<sup>1</sup> Maximum capacity is determined by type of waste and frequency of feeding.

<sup>2</sup> Warranty is subject to terms and conditions.

