

**NORWECO**  
NORWALK WASTEWATER EQUIPMENT COMPANY

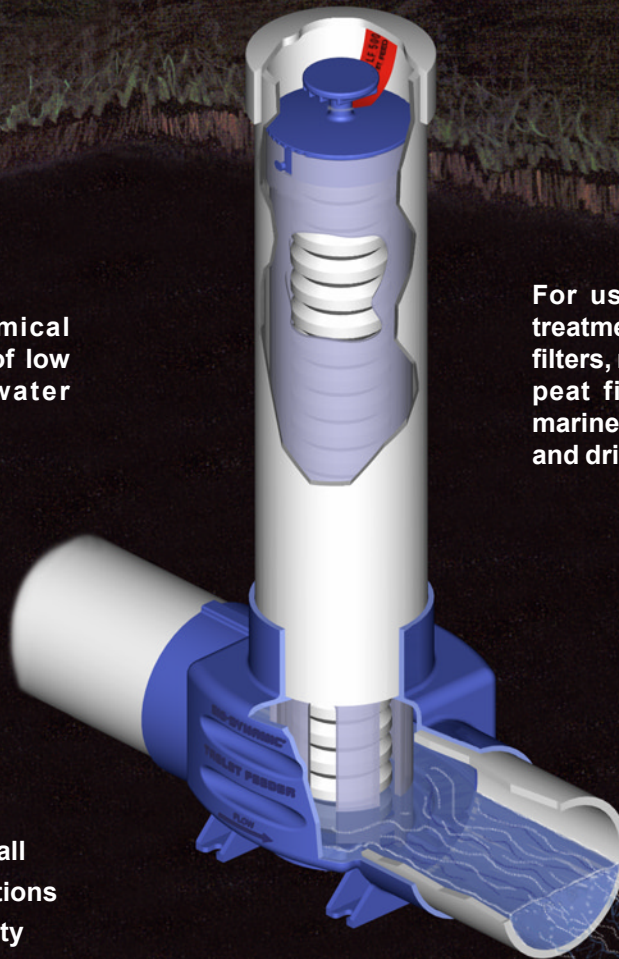
# BIO-DYNAMIC<sup>®</sup>

## MODEL LF 500 DRY CHEMICAL TABLET FEEDER

Provides effective chemical application for all types of low flow water and wastewater treatment systems

For use with septic tanks, aerobic treatment units, sand filters, rock reed filters, mound systems, curtain drains, peat filters, constructed wetlands, marine sanitation devices, stormwater and drinking water systems

- Quick and easy to install
- New or retrofit installations
- 10 year limited warranty
- Consistent chemical application
- Durable polyvinyl chloride (PVC) construction

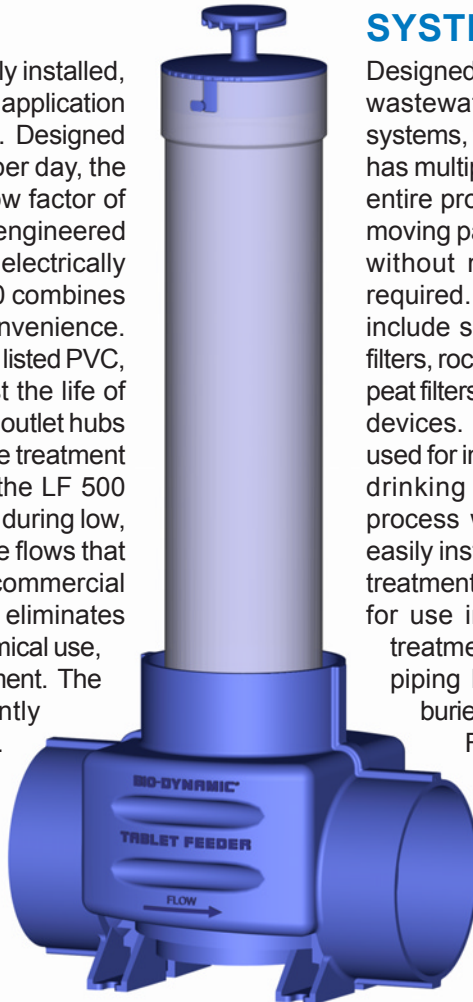


Certified to *ANSI/NSF Standard 61*  
Geon M1000 Royal Blue, PolyOne

# BIO-DYNAMIC® MODEL LF 500 TABLET FEEDER

## GENERAL INFORMATION

The Bio-Dynamic Model LF 500 is an easily installed, affordable and reliable means of chemical application for low flow water or wastewater treatment. Designed with a treatment capacity of 500 gallons per day, the feeder will effectively manage a peak flow factor of four with no reduction in efficiency. An engineered alternative to pumped liquid systems or electrically operated ultraviolet light units, the LF 500 combines superior performance with installation convenience. Manufactured from ANSI/NSF Standard 61 listed PVC, the LF 500 is fully warranted and will last the life of the treatment system. Integral 4" inlet and outlet hubs form a direct solvent weld connection to the treatment system piping. The tiered flow deck of the LF 500 insures consistent chemical dosage even during low, sustained, variable, intermittent and surge flows that regularly occur in residential or small commercial installations. Fall within the tablet feeder eliminates standing water, resulting in decreased chemical use, reduced maintenance and enhanced treatment. The molded, one-piece feed tube consistently applies chemical tablets to the flow stream. A remote removal system that includes a top-threaded cap and extension handle is available for use with installations greater than 36" below finished grade. The Model LF 500 is a reliable, easily installed tablet feeder that is far superior to pump-fed liquid and ultraviolet systems.



## SYSTEM APPLICATION

Designed for effective chemical treatment of water or wastewater for residential and small commercial systems, the Bio-Dynamic Model LF 500 tablet feeder has multiple application and installation options. The entire process is gravity fed and the LF 500 has no moving parts, allowing treatment to be accomplished without metering pumps and with no electricity required. Wastewater applications for the LF 500 include septic tanks, aerobic treatment units, sand filters, rock reed filters, mound systems, curtain drains, peat filters, constructed wetlands and marine sanitation devices. For water applications, the LF 500 can be used for individual drinking water systems, community drinking water systems, stormwater treatment, process water treatment or any system where an easily installed, compact and cost-effective chemical treatment device is required. The LF 500 is designed for use in new installations or to retrofit existing treatment systems. To connect the tablet feeder to piping below grade, the LF 500 may be directly buried without a manhole or secondary enclosure. For installation at grade or above grade, the LF 500 may be attached directly to the inlet of a chemical contact tank. When properly installed, the Model LF 500 tablet feeder will provide effective and reliable chemical treatment with minimal maintenance for any low flow water or wastewater treatment system.

## FEATURES

- Feeder and feed tube constructed from ANSI/NSF Standard 61 listed materials
- No field assembly required for fast and professional installation
- Integral 4" inlet and outlet hubs
- ClearCheck™ feed tube with optional remote removal system
- Flow deck with three separate tiers for consistent chemical treatment
- Compact size (10" length, 7" width, 7 3/4" height) requires minimal space



BIO-SANITIZER®



BLUE CRYSTAL®



BIO-NEUTRALIZER®



BIO-PERC™

## ADVANTAGES

- Effective chemical treatment for low flow systems
- Economical and more reliable than pump-fed or ultraviolet systems
- Eliminates external pipe couplings
- Uses no electricity
- No external enclosure required
- Durable PVC construction will not readily degrade or break down
- Consistent chemical application for varying flow rates
- Ten year limited warranty



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