

# THE Bio-Burner™

Nature's Best Heat Source



# Fuel Bin Product Line

**LEI-PRODUCTS**  
CREATING INNOVATIVE ENVIRONMENTAL SOLUTIONS

**1-877-iLVMYBURNER**  
( 4 5 8 - 6 9 2 8 )

**www.bioburner.com**



## 2yd Standard Bin

- Computer controls
- Weatherproof plastic lid
- Rotating floor, non-bridging feed design
- Fire supression safety feature
- Holds up to 1 ton of fuel



## 11yd Bulk Bin Kit\*

- Computer controls
- Optional Weatherproof tent top
- Non-bridging feed design
- Fire supression safety feature
- 4' side walls holding up to 5 tons of fuel



## 22yd Bulk Bin Kit\*

- Computer controls
- Optional Weatherproof tent top
- Non-bridging feed design
- Fire supression safety feature
- 8' side walls holding up to 5 tons of fuel



## 22yd Bulk Multi-Bin Kit\*

11yd model also available

- Computer controls
- Optional Weatherproof tent top
- Non-bridging feed design
- Fire supression safety feature
- 8' side walls holding up to 5 tons of fuel
- May be configured with up to 3 augers to feed multiple Bio-Burner™ units at once

## Available Options



Bulk Bin Tent Top



Bulk Bin Floor Mount Kit

\* Bulk bin wood supplies not included

## Industrial Upgrade Kit



**B10**

**Nominal Chip Sizes**

Length (in)	1.00	1.50	2.00	2.50	3.00
Width (in)	1.00	0.67	0.50	0.40	0.33
Thickness (in)	0.25	0.25	0.25	0.25	0.25

**Maximum Chip Size**

Length (in)	3.00
Width (in)	1.00
Thickness (in)	0.50

**B25**

**Nominal Chip Sizes**

Length (in)	1.50	2.00	2.50	3.00	3.50	4.00
Width (in)	1.50	1.13	0.90	0.75	0.64	0.56
Thickness (in)	0.25	0.25	0.25	0.25	0.25	0.25

**Maximum Chip Size**

Length (in)	4.00
Width (in)	1.25
Thickness (in)	0.50

**B50**

**Nominal Chip Sizes**

Length (in)	2.00	2.50	3.00	3.50	4.00	4.50	5.00
Width (in)	2.00	1.60	1.33	1.14	1.00	0.89	0.80
Thickness (in)	0.25	0.25	0.25	0.25	0.25	0.25	0.25

**Maximum Chip Size**

Length (in)	5.00
Width (in)	1.50
Thickness (in)	0.50

**Acceptable Chip Size Mixture Range**

Dust - Nominal Chip Size: 100%

Maximum Chip Size: 5%

Example: 95% Nominal / 5% Maximum

**Acceptable Moisture Content Range**

**B10:** up to 40% @ 32°f or more / up to 25% @ 32°f or less

**B25:** up to 45% @ 32°f or more / up to 25% @ 32°f or less

**B50:** up to 50% @ 32°f or more / up to 25% @ 32°f or less

# LEI-PRODUCTS

CREATING INNOVATIVE ENVIRONMENTAL SOLUTIONS

## Product

## Description

<b>BIO-BURNER MODELS</b>	
BB-100	100K BTU Burner
BB-500	500K BTU Burner
<b>FUEL PROCESSING SYSTEM</b>	Includes: BB-500, Hammermill, Drying Tube, Fuel Bins, Cyclone Dust Collection System

<b>FUEL BIN CONFIGURATIONS</b>	<i>Every Bio-Burner requires a selection of one of the standard fuel bin options below</i>
100M	BB-100 Standard 2yd Metering Bin
500M	BB-500 Standard 2yd Metering Bin
100B-1 *	BB-100 Bulk Bin Kit
100B-2	BB-100 Bulk Multi-Bin (Double Auger) Kit
100B-3	BB-100 Bulk Multi-Bin (Triple Auger) Kit
500B -1 *	BB-500 Bulk Bin Kit
500B-2	BB-500 Bulk Multi-Bin (Double Auger) Kit
500B-3	BB-500 Bulk Multi-Bin (Triple Auger) Kit

<b>UPGRADE KITS</b>	<i>Add the cost listed below to upgrade from one of the standard bin options **</i>
100B -1 Industrial upgrade *	BB-100 Industrial Bulk Bin Kit
100B-2 Industrial upgrade	BB-100 Industrial Bulk Multi-Bin (Double Auger) Kit
100B-3 Industrial upgrade	BB-100 Industrial (Triple Auger) bulk bin kit
500B -1 Industrial upgrade *	BB-500 Industrial Multi-Bin (Triple Auger) Kit
500B-2 Industrial upgrade	BB-500 Industrial Bulk Multi-Bin (Double Auger) Kit
500B-3 Industrial upgrade	BB-500 Industrial Multi-Bin (Triple Auger) Kit

<b>BULK BIN KIT OPTIONS</b>	
Bulk Bin Plans	PDF file of parts dimensions and assembly instructions
Floor Mount Kit *(used only with single auger kits)	Hardware for mounting auger and drive system to the floor or your own fuel storage container. 10'D x 8'H size limitation
Bulk Bin Size Option	Sidewalls either 4' high (11 yd) or 8' high (22 yd) to be designated with order
11yd Pre-cut Bulk Bin Kit	Pre-cut parts kit for the 11yd Bulk Bin.
22yd Pre-cut Bulk Bin Kit	Pre-cut parts kit for the 22yd Bulk Bin.
Partially Assembled Bulk Bin Kit	Floor frame assembled in three pieces before shipping. Rest of assembly to be done on job site.

<b>BULK BIN COVER KIT</b>	Tent style top to cover the 11 or 22 yard bulk bin
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<b>** INDUSTRIAL UPGRADE KIT</b>	<b>FEATURES:</b>
	Industrial grade 90 VDC motors
	Extra motor drives for independent motor control
	Oil bath gear boxes
	Large high pressure casting gear boxes
	Larger shaft and bearings
	Longer life