

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 Mixture Range

Dust - Nominal Chip: 100%

Maximum Chip: 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

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

FUEL BIN CONFIGURATIONS	Every Bio-Burner requires a selection of one of the standard fuel bin options below
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

UPGRADE KITS	Add the cost listed below to upgrade from one of the standard bin options **
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

BULK BIN KIT OPTIONS	
Bulk Bin Plans	PDF file of parts dimensions and assembly instructions
Floor Mount Kit <i>*(used only with single auger kits)</i>	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
Pre-cut Bulk Bin Kit	Pre-cut parts kit for the 22 yard fuel bin.
Partially Assembled Bulk Bin Kit	Floor frame assembled in three pieces before shipping. Rest of assembly to be done on job site.

BULK BIN COVER KIT	Tent style top to cover the 22 yard bulk bin
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** INDUSTRIAL UPGRADE KIT	FEATURES:
	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