

# Innovative Recycling Solution for Mercury-Bearing Lamps!



Made in the  
U.S.A.

## Universal Lamp Compressing Machine

Compresses all  
Fluorescent Tubes up to 12  
ft. long, U-shaped, CFLs,  
Circline and Metal Halide  
Lamps, while capturing the  
mercury vapor...Safely,  
Efficiently and  
Economically!

- True negative pressure in vacuum at all times
- Easy to operate and maintain
- 110V (standard), 220V (available)
- 30-month warranty on parts and labour
- Can be operated in low ceiling environments
- Exceeds OSHA, ACGIH, NIOSH and European Clean-Air standards

**Call us today!**

**604-530-9235**



Toll Free: **1-877-530-9235**  
E-mail: **info@edmondsrecycling.com**  
Visit us at: **www.edmondsrecycling.com**  
103-20131 Industrial Ave Langley, BC



**Order From: Edmonds Recycling Canada - 604-530-9235 or 1-877-530-9235**

**info@edmondsrecycling.com**



This Universal Lamp Compressing Machine pulverizes fluorescent bulbs into tiny pieces that are collected into a standard 45-gallon drum. The drum can store approximately 425 - 5,000 crushed bulbs depending on type and width. When the drum is full, it is sealed and sent to Edmonds Recycling. The mercury vapor released during the bulb crushing process inside the compressing machine is drawn through a filtration system under negative pressure; including an Activated Carbon Filtering Module. This module safely captures and permanently absorbs virtually all mercury vapor emitted from fluorescent tubes, allowing clean air to exit into the environment.



The E-LAMPINATOR® is equipped to handle the disposal of all types of fluorescent bulbs, including various widths and lengths. It can safely crush and contain linear tubes up to 12-foot as well as all types of nonlinear bulbs including U-shaped tubes, circline, CFLs (compact fluorescent lamps) and Metal Halide lamps.

The machine includes two main units: the Lid UNIT and the Vacuum UNIT. Both assemblies are attached to a 45-gallon drum to collect and store crushed bulbs.


The Lid UNIT is sealed over the drum to prevent any mercury vapor escaping. The Lid Unit is secured in place by four Lid Locking Pins located around the outer rim of the Lid Unit. A closed cell foam rubber gasket on the underside of the Lid Unit ensures a proper seal.

The Lid Unit has a centrally mounted braking motor with blade attached to the motor shaft. The rotating blade immediately destroys the lamp as soon as it is fed into the machine. Linear bulbs are fed into the machine via an Extender Tube that attaches to the Fixed Entry Tube. Alternatively, a Tower Chamber can be found on the Lid Unit that accepts all nonlinear types of bulbs including, circline U-shaped, CFLs and metal halide.

The Vacuum UNIT consists of two Modules and a Motor. Module 1: a Multi-Stage Filtering System; and Module 2: an Activated Carbon Filtering System. A vacuum hose is secured to the top of the Lid Unit via an exhaust port and at the bottom of Module 1.



### TECHNICAL SPECIFICATIONS:

<b>LID UNIT:</b> Height: 39" Diameter: 26" Weight: 110 lbs.	<b>VACUUM MOTOR:</b> Volts: 115* Amps: 8 Cycles: 60
<b>LID MOTOR:</b> Volts: 115-230 Amps: 6 Cycles: 60 RPM: 1725	<b>45-GALLON DRUM:</b> Ringed top, metal Height: 35.5" Diameter: 25" Weight: 25 lbs.
<b>VACUUM UNIT:</b> Height: 33" Diameter: 12" Weight: 70 lbs.	

All components

\* Other voltages and cycles available.

## Facts about Fluorescent Lamps and Mercury



Excessive exposure of mercury has been shown to adversely affect the human nervous system, lungs, kidneys, skin and reproductive system. Mercury is a primary irritant of the skin and mucous membranes. There are various affects of mercury based upon exposure intervals. Short-term poisoning due to mercury vapors primarily affects the lungs in the form of interstitial pneumonitis, bronchitis and bronchiolitis. Long-term exposure to mercury can have serious consequences to a variety of human organs and systems.

A fluorescent lamp (linear, U-shaped, circline, CFLs, metal halide, etc.) contains mercury, phosphor, glass, metal end caps and electronic components.

Mercury, a toxic heavy metal, is considered to be very poisonous. Although each fluorescent lamp contains only a small amount of mercury, the accumulation effect of wrongfully disposed lamps can be detrimental to everyone's health and well-being. Even the new and improved "green-tip" fluorescent lamps contain mercury. This newer technology has enabled fluorescent lamps to have smaller amounts of mercury, but mercury is still ever present in each lamp. Mercury-containing fluorescent lamps must be recycled and/or disposed of in the proper manner in order to preserve our environment. Members of the industrial, commercial and residential sectors must do their part in order to prevent used lamps from entering the landfills and ultimately leaching into our groundwater.



**Order From: Edmonds Recycling Canada - 604-530-9235 or 1-877-530-9235**

**info@edmondsrecycling.com**