

# Crushing lamps not the environment



Loading handfuls of lamps in this way is much safer, easier, quicker and less tiring.



Balcan Electric Lamp Crushers available with Sack System or Drum Adaption.

**BALCAN**  
BALCAN ENGINEERING LIMITED

The use of Balcan Lamp Crushers has, since they were first introduced in 1980, been recognised as the safe and convenient way of overcoming problems of waste lamp disposal.

## THE BENEFITS

Balcan are the designers and manufacturers of the only British built lamp crushers available. Our lamp crushers comply with all HSE safety recommendations whereas some imported units often have to be modified to come up to the required strict UK standards such as ensuring they are totally encased prior to crushing.

Balcan lamp crushers can accept over 20 lamps at a time and have a crush rate of up to 1500 lamps per hour.

Balcan crushers accept lamps upto 8 feet (2.05m) long and 4.5 inches (11.5cm) diameter.

Pre-crushing reduces their volume by 80% and therefore reduces transportation costs.

Pre-crushing controls all emissions – Did you know that transporting whole lamps can result in an approximate 3% breakage rate – i.e. 30 lamps per 1000 with no control of mercury emissions.

Lamp crushing reduces problems of storage and removes the need for large storage units on site.



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The Balcan Low Loaded Lamp Crusher in use whilst supported on it's sliding rails.



A new adaptation has been made to this model to allow it to accept large diameter circular lamps of upto 16 inch diameter (40cm) as illustrated.

Left: A Balcan Low Loaded Lamp Crusher mounted in a van complete with a Dry Filter Unit to control dust and mercury vapour. This model accepts and totally encases fluorescent tubes upto 8ft (2.05m) in length and allows 5 times as many lamps to be carried than if they remained whole.

Balcan also manufacture a range of manually operated Lamp Crushers that are ideal for use where electricity supplies or severe environmental conditions are a problem.

All Balcan crushers are fabricated in high quality stainless steel to ensure long life and maintenance free operation.

#### THE QUEEN'S AWARD

Our design for use in conjunction with our Lamp Recycling Plant was recently rewarded by our winning the Queen's Award for Enterprise 2006.

#### NEW SAFETY FEATURE

All models of Balcan crushers now incorporate a special sealing plate to prevent the escape of mercury vapour from the crushed debris when they are not in operation.

Our barrel mounted crusher is supported on a wheeled frame so it can be quickly pushed and fitted over the drums. The special lid used with this model remains on the drum until it is convenient to replace it with it's original lid.

This overcomes the expressed concerns of the EPA in the United States about barrel mounted lamp crushers manufactured in the US where trials have shown mercury contamination from these designs of crushers.

As a result many States do not allow their use.

Contact us for a firm quotation to meet your needs

# BALCAN

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