



Balcan Lamp Recycling Systems

MP8000 Specification



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Balcan MP8000 Specification

The MP8000 is the largest unit in the Balcan Lamp Recycler Range. It combines the Multi Purpose unit along with a high capacity conveyor loaded crushing system to handle fluorescent tubes at a rate of 5000 per hour

Capacity:

Whole lamps 5000 fl tubes / hour

Crushed lamps 4000-5000 / hour

Mix (crushed & whole) 5000 / hour

Weight equivalent 1800-2000Kg / hour

Electrical Requirements:

Each unit is supplied to customers available electrical supply and country requirements

Consumption: Max.10 kW 3Ph

Compressed air: 7.2Nm³/h (4.5CFM)

Supply pressure: 6 bar

Connection pipe: 0,75" thread

Mercury (Hg) Emissions from final exhaust:

Typically 0.001-0.002mg/m³

Max Permissible 0.025mg/m³

Estimated carbon filter life: 5 years

Output Fractions:

Glass, End Caps (metal or plastic depending on lamps processed. If lamps are mixed for processing then the end cap fraction will be mixed.)

Mercury Bearing Phosphor Powder

Residual Contamination & Leachate Values

Analysed as water: Max 0.025mg/l

Analysed as Bulk Product: Typically 1-3mg/Kg

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