



Balcan Lamp Recycling Systems

MPC4000 Specification



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Balcan MPC4000 Specification

The MPC4000 is the lamp recycling plant for 1-2 million lamps per annum. Supplied with stand alone crusher for lamps >600mm the MPC4000 handles most types and sizes of lamps. The ideal unit when used for processing pre-crushed lamps from lamp crushers and smaller CFL bulbs.

Capacity:

Whole lamps 1000-1500 / hour

Crushed lamps 3000-4000 / hour

Mix (crushed & whole) 2500 / hour

Weight equivalent 1000-1200Kg / hour

Electrical Requirements:

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

Consumption: Max.8 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

BALCAN

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