

Flat Panel Processor

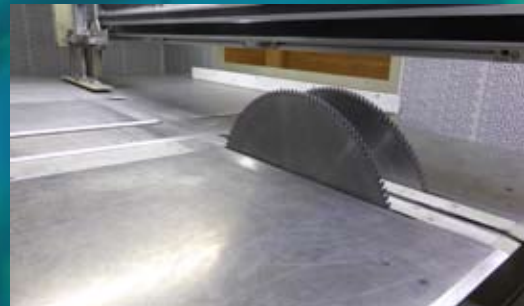


The flat panel processor (FPP60) is a versatile machine designed to disassemble a large range of flat panels. The processor allows for secure extraction of the fluorescent lamps and separation into the different fractions.

The processor is fed either manually, or mechanically via conveyor belts. The cutting station can be fed with panels up to 1600mm x 1200mm and 60kg weight. Before cutting the panel, the automatic centering, and size detection systems positions the panel and determines the correct cutting position in relation to the panel size.

The cutting cycle is fully automatic, and the intelligent software determines the accurate speed, and force of the cutting motors.

The machine conforms with the EEC directives on Machinery (2006/42/EG), Low Voltage (2006/95/EG) and Electromagnetic Compatibility, EMC (2004/108/EG). The FPP60 is CE marked



The FPP cutters automatically makes 2 cuts at the perimeter of the panel, allowing for clean and safe separation.



The FPP is enclosed in a ventilated compartment. The ventilation package is a powerful system incorporating blower, dust separator and carbon filters which ensure a safe and reliable recycling process.



TECHNICAL DATA

Input materials: Flat panels up to 1600mm x 1200mm and max 60kg weight. Panel stands must be removed before processing the panels.

Output materials: Flat panels with cut frames allowing for safe and easy removal of CCFLs /mercury back lights.

PMMA plastics

Foils, electronic boards, fluorescent lamps, metals (aluminium and ferro)

Capacity: For panels up to 23", up to 60 units/h

For panels larger than 23", 30-60 units/h

DIMENSIONS

(footprint incl. ventilation station)

Length: 10 000 mm

Width: 7 000 mm

Height: 3 000 mm

UTILITIES

Electrical connection: 400V 50Hz

Electrical consumption: Max. 20 kW

Compressed air: Supply pressure: 6 bar; dry, oil free

EXHAUST

Exhaust flow: max 1000m³/h

Exhaust duct: ø 160 mm

EMISSION

Hg emission: max 0.02 mg/m³

We reserve the right to change technical data without notice.



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