

HDF 650 IG

Horizontal Roller Fluxer with accumulator for Hot Air Leveling



The horizontal roller fluxer HDF 650 is designed especially for continuous fluxing of printed circuit boards for the hot air leveling process.

By the stepless adjustable drive speed as well as the short in- and output conveyor, the HDF 650 is almost suitable for the integration in an automated horizontal production process or can be used as a standalone machine.

A powerful flux pump pumps the flux material alternatively from the integrated tank or directly from a supplied flux container to the flux station. Special spring loaded foam rollers taking care for a consistently good flux distribution on the printed board surface and push the flux inside in the holes.

The pump system is suitable to transport high viscous flux solution.

The machine can be equipped optionally with a immersion heater assembled in the flux tank and a PID temperature controller which guarantees the exactly processing temperature for the flux.

The flux station is followed by an accumulator which can store at least 9 boards to offer the HASL operator more time for the hot air leveling process.

Features

- Uniform flux coating on the Printed Circuit Board
- Minor flux consumption
- Flux coating inside the holes
- Heater for optimized flux processing temperature
- Accumulator for 9 Printed Circuit Boards

Technical Details

- Dimensions: 1335x 960 x 1100 (LxWxH)
- Working width: 650 mm
- Working height: 910 +/- 30 mm
- Flux tank capacity: ca. 25 ltr.
- Conveyor speed: 0,2-4,0 m/min
- Material: PVC-light grey or PP
- Power supply: 230/400 V, 50 Hz, 3P/N/PE; 0,6 kW (1,6 kW with heater)

