Meco EDF/EPL

EDF/EPL - Electro DeFlash / Electro Plating Line

With an installed base of over 350 Meco EDF/EPL systems, Besi has set the industry standard for leadframe solder plating. The system is fully customized to your specific needs and is a green solution, with low power consumption and minimal chemical usage.

The Meco Electro DeFlash and Electro Plating Line are designed for the future and are capable of handling any kind of leadframe product. Any leadframe size up to 110 x 315 mm can easily be handled on the Meco EDF/EPL.

High Performance, Low Costs

- 350+ systems installed worldwide
- Handles leadframes up to 110 x 315 mm
- Low cost of ownership
- Unsurpassed product quality

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Future Design
• Industry standard
• Customized machine configuration
• Machine review before production
• Unbeatable cost of ownership
• Load and unload - stacked, slotted and loose products
• Rework functionality

High Pressure Deflashing
• Electro deflashing
• 150 - 1000 bar
• Low pressure for standard IC leadframes
• High pressure for difficult discrete products (TO, SOT, ...)

Double Clip Handling
• Patented double clip system
• Minimum untin at clipping area
• Can also be used with pitch loading
• Suitable for all power devices

Uni-Mech Gripper
• Universal mechanical gripper
• For load and unload unit
• No vacuum needed
• No damage
• Reliable product handling

B6 User Interface
• Data logging
• Multi language support
• Integrated manual
• Electronic log book
• Touch screen operation
• SPC and SECS/GEM (HSMS)

Machine Data
• Width: 1600 - 2000 mm
• Length: depending on the UPH
• Height: 2300 mm
• Lay-out: U-shape or straight line

Air Supply
• 6 - 7.5 bar 140 l/min clean&dry

Electrical Requirements
• Voltage: 200-480 VAC - 3 ph - 50/60 Hz

Leadframe Handling
• Length: max. 315 mm
• Width: max. 11U mm

Throughput
• 600 - 2800 leadframes / hour