

# Chemical deflashing

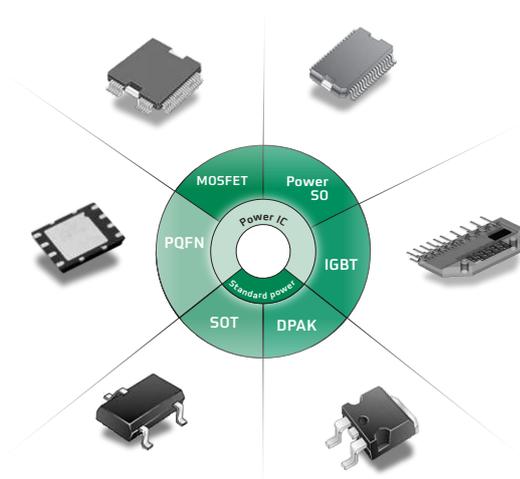
## Revolutionize mold bleed and flash removal with the Meco Chemical Deflash Line 1500 (Meco CDL 1500)

Experience cutting-edge solutions for molded leadframe chemical deflashing with Besi's latest innovation, the Meco CDL 1500. This advanced system combines a prolonged immersion chemical deflash process with integrated high-pressure water deflashing. The inclusion of carrier belt technology ensures consistent cleaning between each leadframe, setting a new standard in efficiency.

Designed specifically for water-based chemical deflashing processes, the Meco CDL 1500 eliminates concerns related to mold attack, delamination, or health and fire hazards. Its flexibility accommodates leadframe dimensions of up to 100mm wide by 300mm long.

- Fully automated, boasting a high-throughput tool with a cassette handling system and comprehensive product tracking facilitated by a 2D camera.
- Dwell time flexibility ranging from 20 to 60 minutes, tailored to meet specific product requirements.
- Process flow optimized for both PPF and Cu base materials.
- Seamless integration with SECS GEM protocols.
- Highest UPH against lowest cost of ownership.

## Future Proof Equipment





UHPR waterjet system with 4 rotating nozzles.



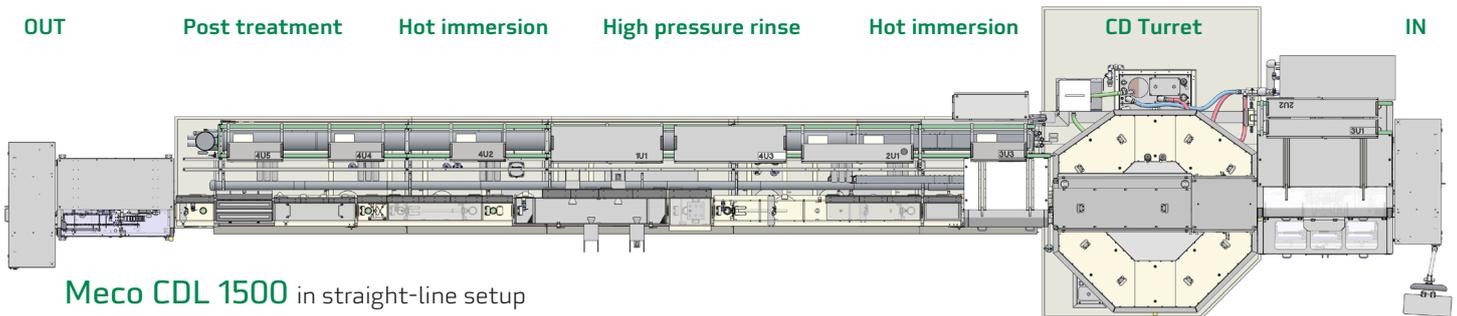
55 Chemical Deflash Turret, Auto conversion.  
Hot water heating system, 390 LF positions

### Meco CDL 1500 system

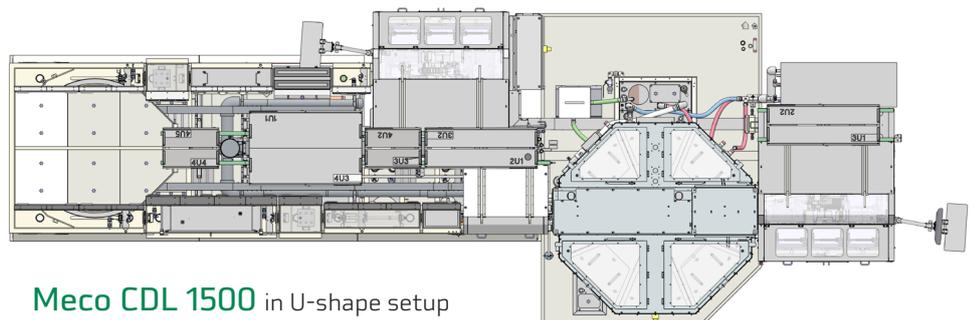
- Elevate efficiency with the Meco CDL 1500 system’s straight-line or U-shape setup, tailored for compatibility with single mold QFN leadframes.
- Maximize airflow effectiveness through a strategically placed Roots air blower positioned under the machine.
- Experience precision cleaning with the Rotating Waterjet system featuring four units for thorough and dynamic mold bleed and flash removal.
- Achieve swift operations with the machine’s impressive capability to run at 1300 LFPH (18-minute dwell time).
- Seamlessly manage workflow with the user-friendly slotted cassette handling system.
- Meco recommends Sytron for highest efficiency and quality.

### Sytron chemical deflash process

- Embrace Water-Based Chemical Deflash Excellence with Sytron, the market leader in deflash chemicals.
- Validate efficiency with product-specific testing, witnessing a remarkable reduction from 55 minutes to a mere 20 minutes dwell time.
- Choose confidence with Sytron S-580/S-581, CoO based on Sytron confirmed pricing, ensuring reliability and transparency.
- Prioritize safety: Unlike the current market’s solvent-based chemicals, Sytron raises no health or fire concerns.
- Preserve molding integrity even during extended dwell times, as Sytron remains resistant to any form of attack.



Meco CDL 1500 in straight-line setup



Meco CDL 1500 in U-shape setup