

General Maintenance Schedule

Daily

1. Each station should be checked for debris, styrene dust &/or media and cleaned thoroughly.
2. Spills should be cleaned up immediately.
3. Suction cups at Cover Remover station (as well as Cover Replacer station when equipped) should be removed and cleaned of styrene dust and media.
4. Sensors should be wiped clean as needed. In areas of tight access (orientation sensors, etc.) low pressure air or a fine soft brush can be used to clean.

Weekly

1. Inspection and functionality testing of all sensors should be done.
2. Fill weights should be monitored on a regular basis to ensure precise pouring, calibrate as needed.
3. Vacuum Manifold should be removed and flushed bi-weekly or as spills occur, which will block suction cups and reduce cover-removing performance.
4. Main Conveyor belt should be inspected for wear or damage. Clean support rollers.

Monthly

1. Replace HEPA pre-filter.
2. All hardware and mechanical assemblies should be inspected for security and tightness.
3. Main Conveyor level should be monitored for proper level and tracking of belt.
4. Inspect bearings, bushings, and springs in all assemblies for function and wear. Replace as needed.

Quarterly

1. Hood sections should be removed no more than quarterly (4 times a year) to allow total sterilization of main conveyor bed sections as well as flat belt, top and underneath.
2. Interior of hoods can be wiped clean at these quarterly intervals.

Annually

1. Overall inspection of Main Conveyor belt should be done for damage and tracking for proper rotation and delivery of plates down the drying tunnel.
2. Physical level of the conveyor beds should be observed.
3. HEPA main filter should be replaced every 3-5 years for Microzone models and every 5-7 years for Design Filtration models. Note: Two people are required to remove the fan/filter unit. Weight is ~60 lb. (~27kg).
4. Air lines should be inspected for damage due to extensive cleaning over time.
5. Electrical connections should be thoroughly inspected for corrosion or damage, which would result in untimely failure of electrical components (motors, drivers, sensors, etc.).
6. Cross Conveyor slider bed(s) should be inspected and cleaned by de-tensioning belt(s) to allow access for removal of dust and debris.

Ensure that your maintenance team always has the right parts and supplies by ordering a maintenance kit tailored to your system or facility. Package pricing is available.

Request a quote by emailing service@online-engineering.com.

