

Preventative Maintenance Guide: Packaging Automation

WR Integrated Packaging

Weekly Maintenance

- Sensors:** Wipe down all photo eyes and proximity sensors. Check for loose mounting brackets.
- Conveyors:** Inspect belts for tracking, wear, or fraying. Check tension and adjust if necessary.
- Pneumatics:** Check air filters and drain water traps. Listen for air leaks in fittings and hoses.
- Safety:** Test all E-stops, light curtains, and door interlocks for proper function.

Monthly Maintenance

- Lubrication:** Grease all bearings, chains, and linear guides according to OEM specifications.
- Motors & Gearboxes:** Check for unusual noise, vibration, or excessive heat. Inspect oil levels in gearboxes.
- Electrical Panel:** Inspect for loose wire connections or signs of overheating. Vacuum dust from cooling fans and filters.
- Vacuum Cups:** Inspect suction cups for wear, cracks, or debris. Replace if sealing is compromised.

Quarterly Maintenance

- Robotics:** Check robot mastering/calibration. Inspect cable harnesses for wear or stress points.
 - Drive Belts:** Inspect timing belts for tooth wear or stretching. Replace if tension cannot be maintained.
 - Software:** Back up all PLC and HMI programs. Check for available firmware updates (consult WR Integrated before updating).
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Need a service tech? Call WR Integrated: 1 (855) 599-8264