



BEL 451 Maintenance Schedule

Written By: AlexandraCastro

Step 1 — Daily



- Inspect vacuum plenum filter and clean as necessary. Refer to user manual for filter location and cleaning procedure.
- Keep framework and conveyor belts clean of dirt build-up, grease, and oil residues.
- Check side-drive belts for wear.
- Check for worn or broken electrical connections.
- Check plenum support (footpad) and that all casters (if equipped) are properly adjusted and in the locked position when operating.

Step 2 — Every 3 Weeks



- Check drive belts for proper Belt Tension and Belt Tracking. Refer to the User manual. Note: Correct tension and tracking will prolong belt and drive bearing life.
- Lubricate Uni-Drive Side Belt drive chain and width adjustment roller chain. Machines are shipped from the factory lubricated with food-grade grease (JAX[®] – Magna-Plate 44-2 from Pressure Lube Inc.)
- Cycle height and width adjustments and check for binding.
- Inspect electric motors and gearbox for evidence of oil leakage, noise or vibration and keep unit free of dirt; excess accumulation of dirt or grease will affect the proper cooling of the units.

Step 3 — Every 3 Months



- Remove drive belts. Drive and Idle Pulleys should be inspected for bearing wear and pulley damage. Remove any dirt build-up before drive belts are re-installed. Refer to User manual.
- Check tension of the Uni-Drive Side Belt chain drive. Note: Proper tension is achieved when the horizontal sag in the chain measures between 1/8" and 1/4" with drive belts in a fully opened position.
- BEL 451/451X - Check arch cross member height adjustment slides for wear. Excessive wear may affect taping performance. Refer to User manual.
- Clean vacuum plenum and fan. Refer to the User manual.
- Check and lubricate swivel casters if equipped.
- Check Vacuum Plenum and Case Taper for any loose or missing fasteners.
- Run Plenum Vacuum Fan. Listen and check for unusual noises or excess vibration.