

Practical checks for stable belt operation

Safety first: installation and maintenance must be performed by trained personnel under the machine manufacturer's lockout and guarding procedures.

Before installation

1. Confirm belt identity, dimensions, running direction and splice condition.
2. Check that the conveyor frame is square and that pulleys and rollers are clean, free-turning and aligned.
3. Remove sharp edges, trapped debris and product buildup that could damage the belt.
4. Verify that take-up movement and tracking devices operate freely.

Start-up and tracking

1. Apply tension gradually and evenly according to the approved belt and machine procedure.
2. Run the conveyor empty at low speed first, then observe the belt over several complete revolutions.
3. Make small tracking corrections, allowing time for each adjustment to take effect.
4. Introduce load progressively and confirm tracking at normal operating conditions.

Routine care

Every shift

Look for edge contact, unusual noise, product buildup, splice damage and changes in tracking.

Planned inspection

Review tension, roller freedom, pulley condition, support surfaces, guards and cleaning effectiveness.

Cleaning

Use only methods and agents approved for the belt material, conveyed product and plant requirements.

Storage

Keep spare belts clean, dry and protected from heat, sunlight, chemicals, sharp bends and distortion.

Request support when

- Tracking cannot be corrected with normal machine adjustments
- The splice, edge or cover shows rapid or repeated damage
- Operating temperature, chemistry, product or duty cycle changes