

INSPECTION AND SHUTTLE STATION

MAINTENANCE INSTRUCTIONS



1. Gear Box

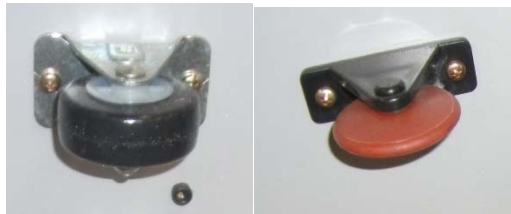
- a. Location: Back, out feed end. Front and back shuttle
- b. Type: ISO 460 Synthetic
- c. Frequency: Change oil every 6 months

2. Roller Chain

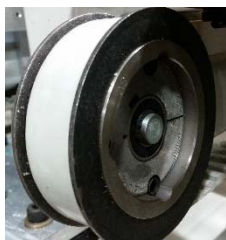


- a. Location: Conveyor drive, back, out feed end. Front and back shuttle
- b. Inspection: Check for dust build up. Check for tension, wear, abrasions. Replace per manufacturer's instructions and recommendations
- c. Type: Crown 363115-001 Chain Lube
- d. Frequency: Inspect and lubricate once per month

3. Transfer Roller



- a. Location: Vertical bed surface
- b. Inspect and replace as needed



4. Bearing

- a. Location: Transfer belt pulleys, front-behind guard. Front and back shuttle
- b. Sealed and lubricated from the factory
- c. Inspect and replace as needed



5. Conveyor Belt

- a. Location: Front and back shuttle
- b. Clean with lukewarm water. A mild soap may be used, dry with a soft cloth.
- c. Check for dust, silicone build up. Check for tension, wear, abrasions. Replace per manufacturer's instructions and recommendations



6. THK bearings

- a. Location: Bottom, Front and back shuttle
- b. Pay special attention to Blocks and Rails
- c. Wipe any contaminants such as dust or silicone from rail surfaces daily at minimum, between shifts is preferred
- d. Type: NLGI 2 EP Lithium
- e. Frequency: Grease every 20,000 units



7. Dodge bearings

- a. Location: Bottom back shuttle
- b. Type: NLGI 2 EP Lithium
- c. Frequency: Grease every 219,000 units



8. Air cylinder

- a. Location: Back, bottom
- b. Wipe any contaminants such as dust or silicone from rod surface



9. Ace shock

- a. Location: Bottom front and back
- b. Check for leaking fluid
- c. Replace as needed



10. Air filter

- a. Location: Back, back shuttle blower motor
- b. Type: F885SP PAPER FILTER
- a. Frequency: Replace as needed



11. Pneumatic regulator
 - a. Location: Back
 - b. Check for water amount in collector
 - c. Empty as needed