

# DRIVEN GRID 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 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 cleaning solution and a soft cloth, 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. Air cylinders & brakes

- a. Location: Out feed, infeed, front shuttle
- b. Wipe any contaminants such as dust or silicone from rod surface
- c. Zimmer brake: Wipe any contaminants such as dust or silicone from rail surfaces daily at minimum, between shifts is preferred



## 7. Air filter

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