

Docking Station and Dolly Preventive Maintenance

⚡ ⚠ WARNING ⚠ ⚡

- Before attempting any maintenance on this equipment all involved personnel should follow plant internal regulations along with any state, federal, or province regulations.
- The maintenance inspection, checks, and procedures listed in the preventive maintenance tables are assumed with the gated area electrically locked out.
- Before attempting any maintenance or service operation, make sure that:
 - You do not begin any repair procedure until the proper shutdown procedures and the appropriate power lockout procedures have been applied.
 - The system is de-energized; main electrical switches are open.

(i) NOTICE (i)

The maintenance inspection, checks, and procedures listed in the preventive maintenance tables and corrective procedures should be performed when the equipment is immobilized and locked out.

This section contains preventive maintenance schedules with recommended lubrication intervals. Assemblies in this section include:

- **Skid Dolly Docking Station**
- **Pull-Off Dolly**

Daily Checks

Observe

- Obvious signs of damage to the equipment. Listen to the conveyors - an unusual sound like screeching, grinding, or whining, are indicators of a problem.
- Damage or noticeable wear on the carrying and guide rollers.
- Signs of oil leaks on the equipment or on the floor below any gearbox.

Evaluate

- If you notice any of the above issues, evaluate the cause and the risk involved.

Act

- Schedule or perform necessary maintenance repairs as appropriate.

Mechanical Preventive Maintenance - key

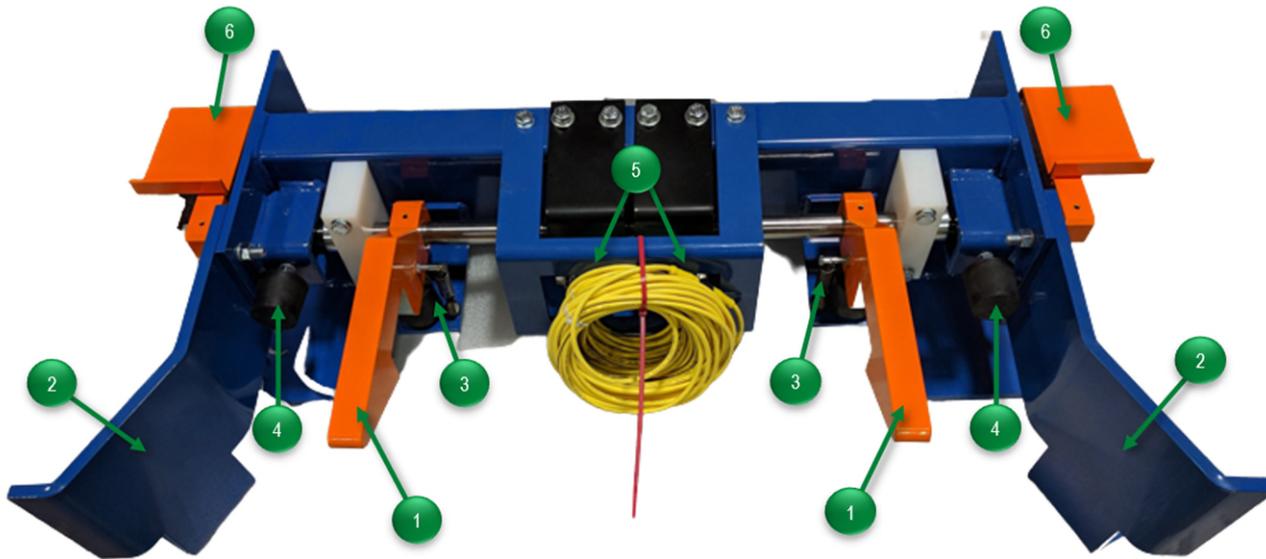
Preventive Maintenance tables consists of:

A
B
C
D
E

Item No.	Item Name	Required Operation	Description	Interval
1	Gearmotor	Inspection	<ul style="list-style-type: none"> Visually inspect gear unit for oil leakage. Check for oil film or grease deposits – clean if necessary. Check mounting hardware, check paint marks... 	6 Months

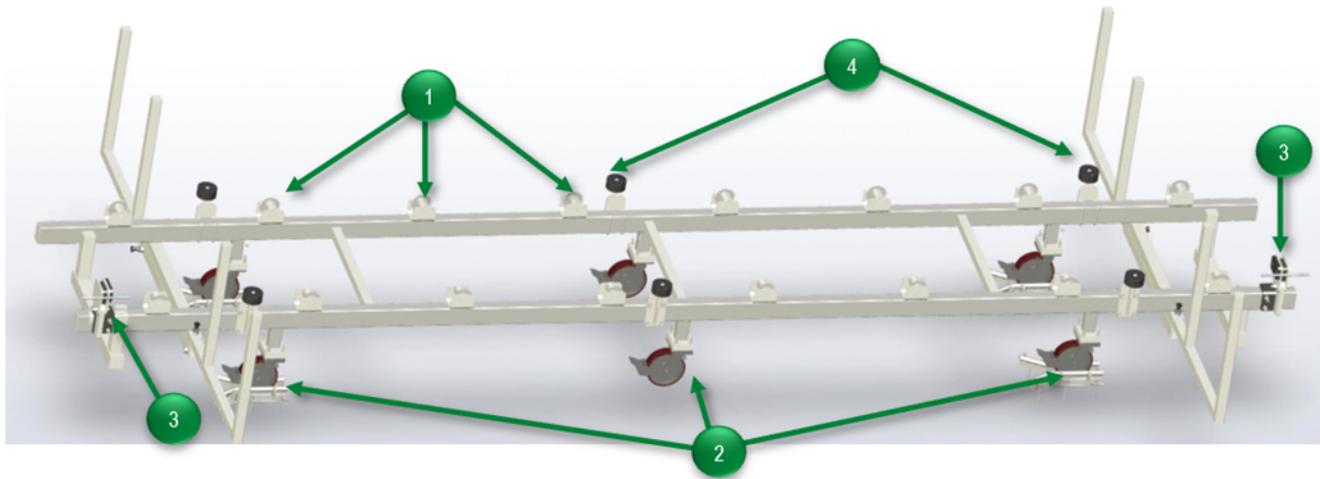
- A. Indicates the callout number associated on the schematic drawing, image or figure.
- B. Component name within the assembly.
- C. Required preventive maintenance operation - i.e., inspection or lubrication.
- D. Detailed description of the operation(s) to be performed.
- E. Recommended frequency of PM task.

Docking Station Preventive Maintenance Items



Item No.	Item Name	Required Operation	Description	Interval
1	Clamp Arm	Inspection	<ul style="list-style-type: none"> Check for excessive wear and damage. Check for proper function. 	6 Months
2	Side Plate	Inspection	<ul style="list-style-type: none"> Check for wear, damage, and secure mounting. 	
3	Tension Spring	Inspection	<ul style="list-style-type: none"> Check for wear or damage, function control. 	
4	Rubber Bumper	Inspection	<ul style="list-style-type: none"> Check for wear, damage, and secure mounting. 	
5	Prox Switch	Inspection	<ul style="list-style-type: none"> Check for deformation and damage. 	
6	Foot Pedal	Inspection	<ul style="list-style-type: none"> Check for excessive wear and damage. Check for proper function. 	

Pull-Off Dolly Preventive Maintenance Items



Item No.	Item Name	Required Operation	Description	Interval
1	Roller Bed	Inspection	<ul style="list-style-type: none"> Check for smooth operation, wear or damage. 	6 Months
2	Castor Wheel	Inspection	<ul style="list-style-type: none"> Check for smooth operation, wear or damage. 	
3	Hard Stop	Inspection	<ul style="list-style-type: none"> Check for wear or damage. 	
4	Guide Roller	Inspection	<ul style="list-style-type: none"> Check for smooth operation, wear or damage. 	