

# Cartveyor™ Preventive Maintenance and Schedule Checklist - CV



MATERIAL HANDLING SOLUTIONS

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The Cartveyor requires minimal attention on a regular basis. **Cartveyors with an average usage of 50,000 to 100,000 per year should have preventive maintenance performed every 3 months.** Make sure all steps are completed. A record of regular, properly conducted preventive maintenance provides a running history of any issues the Cartveyor may have. The reports will identify trends, and help anticipate expected wear and tear repairs. **Sign and return to PFlow Industries, Inc. Product Support Department via e-mail to psd@pflow.com**

✓	Action	How Often
	Alert the store manager that you will be performing maintenance. Ask if there are any issues.	6 months
	Use the managers password [usually 9876] to record the usage counters on both the up and down Cartveyor. Record all counters and compare with previously recorded numbers.	6 months
	Run 3-10 carts through the Cartveyor. Observe arrestors (if present), photo eyes, and overall operation.	6 months
	Visually inspect the Cartveyor for loose screws. Tighten as necessary.	6 months
	Visually inspect the Cartveyor for foreign objects. Remove as necessary.	6 months
	Verify that all components are undamaged. Note, repair, and replace as necessary.	6 months
	Verify that the fault light, stop buttons, touch screen, and alarm horns are functioning properly.	6 months
	Inspect the touch screen and stop button door for damage. Repair or replace as necessary.	6 months
	Inspect all gate panels for alignment, wear, or damage. Adjust as necessary.	6 months
	Verify that all gates are functioning properly on each level. Unlock the gates at the infeed and discharge areas using the unlock mechanism. Adjust as necessary	6 months
	Inspect and verify that the cart blocker on the down Cartveyor is functioning properly.	6 months
	Inspect all barrier panels for alignment, wear, or damage. Adjust as necessary.	6 months
	Visually inspect the alignment of the photo eyes at the infeed, discharge, and arrestor sections (if present). Adjust and clean the photo eye lenses and reflectors.	6 months
	Inspect the photo eye cables for damage.	6 months
	Operate the Cartveyor in manual mode and listen for any "unusual" noises.	6 months
	Inspect the chain rollers, pins, lower chain track and aluminum extrusions for damage.	6 months
	Inspect infeed and discharge covers for damage or unusual wear [indicates chain problems and jams].	6 months
	Inspect the chain take up to ensure movement, the jam nuts are backed off, and that the chains are tensioned properly.	6 months
	Inspect the take up switch for proper alignment.	6 months
	Inspect for metal particles underneath the Cartveyor [an indicator that the chain is not correctly interacting with the guide components].	6 months
	Inspect for missing or loose chain lugs. Tighten as needed. <b>If there is more than one chain lug missing in a row, the chain lugs must be replaced.</b>	6 months
	Remove the floor plate at each level and lubricate all bearings. Apply 3 pumps of certified MOLY based grease into each zerk located on the bearing angle of the Cartveyor. <b>Do not apply lithium grease. Lithium grease hardens inside the lines and damages them.</b>	6 months
	Inspect all slider bed switches for proper placement, chain stretch, and damage. Repair or replace as needed.	6 months
	Clean beneath the Cartveyor, both pit catch pans, and the pit.	6 months
	Ensure the floor plates are in position and run 10 carts through the Cartveyor.	6 months

Customer signature:	Date work completed:
Name/Phone:	Authorized Technician(s):
Title:	Name:
E-mail:	Name: