

Care & Feeding of a Trim System– Part 2

What can you do to make sure that your pneumatically-conveyed trim or dust collection system performs that way you need it to? This article, number two in a series of three, explains how.

Treat your air-conveyed material handling system right and it will treat you right. Keep your trim collection system happy by making sure that your operator training mentions these tips.

1. Check system settings. Always make sure the hopper air blast and filter pulse is on and working when system is in operation. Verify that the main compressed air valve is open. If your dust filter has an airlock and does not have hopper corner blast, consider having it added.
2. Make sure the inline air/oil/water trap is working and drained. If your system doesn't have one, consider adding one inline indoors where the compressed air line goes through the outside wall. This will act as a backup for when the house air or desiccant dryer is down on maintenance.
3. Empty bins frequently. Never let the dust or trim fill up in the bin so high that it gathers into either airlock. If this happens, it can damage one or both airlocks. Metal tipped airlocks below the dust filter are often most vulnerable to this.
4. Inspect airlocks for tip wear semi-annually. If tips are worn, the blower will suck air and rain or dew into the filter which will reduce suction. Any air pulled into the filter through the airlocks is air that will not get pulled in at the machines and suction will be reduced. Metal tipped airlocks are the most critical. Rubber-tipped air locks below the separator are more forgiving.

Questions about your air-conveyed scrap collection system? Just give us a call at 615.230.9500 or email us at sales@gfpuhl.com.