



## ***Pneumatic Conveying Systems***



This system air separator is sized to eventually accommodate 12 pneumatic conveying lines. The company began with 2 conveying lines then added pairs of conveying lines for a total of 8 at the time this photo was taken.

For over 20 years and after hundreds of successful projects, AirTrim has earned a reputation of exceptional customer service before, during, and after the sale. The systems installed at our beginning are still operating today, making them true workhorses. This durability and dependability has resulted in many repeat customers selecting us for their pneumatic conveying projects as they experienced growth, expansions, and acquisitions.

For additional information on planning your project or obtaining a quote, please contact us. **We look forward to hearing from you!**

# **(7) HELPFUL HINTS FOR PLANNING A PNEUMATIC WASTE HANDLING PROJECT**

Making a decision to automate your production process trim and waste removal? The material to be conveyed often determines the best type of system. However, a system involves many variables. Communication and planning will ensure success.

These (7) considerations for any size project will save you money and make your job a little easier.

1. **Understand lead times.** The quoting process requires the gathering of information, preparation and decision making. Typically systems may take up to (8) weeks from initial purchase to installation. However, larger and more complex systems may take up to (12) weeks. System layout site visits, drawing approval process, and major equipment fabrication lead times, all add time to the project.
2. **Allow for future growth in design.** As your company grows, it is more economical to design the system to accommodate these demands. Plan ahead to size the system's components for projected machinery additions. Your company can add to the system quickly and economically in the future. (See photo)
3. **Include system installation or start up supervision assistance** in your budget request. This critical step ensures system performance and saves dollars in the long run.
4. **Provide a complete list and description of material** the system is to convey in the quote request. Each system is custom designed. Material specs dictate equipment parameters from duct diameter to blower horsepower.
5. **Obtain accurate voltage data.** Some plants have various voltages within a building. When getting quotes, be sure to provide the voltage used at the location of the system's components requiring electricity.
6. **Provide accurate, current building and machinery information.** Machine relocation, process changes, building modification all can obsolete "current" data resulting in costly change orders and delays.
7. **Set your expectations** for system performance and communicate them. If sound levels, system static, machine speeds, plant air pressure, are issues, ask that these be addressed in the quotation.



This system has roof-mounted blowers and duct runs, minimizing system sound levels inside the plant.