



**APPLICATION GOAL:** Provide a more effective solution for cleaning fiber and dust on the production floor, to replace compressed air blowoff and shop-vac style vacuums that wear out easily.



**BEFORE EXAIR:** It was necessary for operators to use compressed air to blow fiber and dust off of and out from under operating equipment. They then needed to retrieve a shop-vac style vacuum, plug it in and vacuum up the fiber/dust blown off the equipment. This two-step process was time consuming. In addition, these shop-vac style units were replaced often due to the nature of the production environment, and the wear and tear that they experience. 12 shop-vacs were replaced in the last 12 months alone.

**AFTER EXAIR:** Installing the **Model 6197-30 Heavy Duty Dry Vac™ System** on the production floor has drastically limited cleaning cycle time, and replaced the shop-vacs that were needing frequent replacements. The Heavy Duty Dry Vac has near-identical compressed air usage as the previous solution, providing improved efficiency and productivity without increasing operational costs. With no moving parts to wear out, the Heavy Duty Dry Vac will not need to be replaced. The operators are saving 3.5 hours per week due to the more efficient equipment and process.



**SUMMARY:** The EXAIR Heavy Duty Dry Vac has been a huge success in this facility. Replacement vacuums cost between \$110 and \$129, leading to a total replacement cost of \$1,358 over the last 12 months. With an estimated 3.5 hours saved per week at \$19.00 per hour, an additional potential saving of \$3,325 per year is realized. This gives an ROI of less than 5 months.