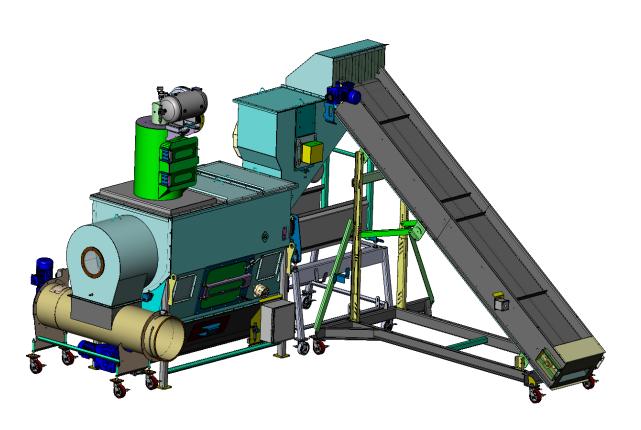
### Real Results APPLICATION OVERVIEW





### **Product Saver Bag Opening System**

#### **Application / Equipment Details:**

NBE CSO: E342334025Material: ADCA Powder

Bulk Density: 40 PCF

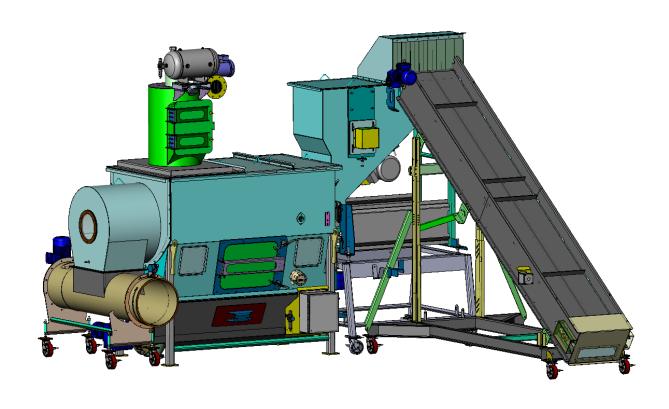
Particle Size: Fine Powder

Application Overview: A large plastics compounder needed an automated bag opener for one of their additives for making automobile parts. The product being run on the bag opener is difficult to handle manually and is very dusty causing housekeeping issues within the plant. Customer needed automation that would eliminate the operator performing the bag opening process, and a sealed system that would contain dust and emissions. In addition, NBE had to customize the design allowing the system to fit into a designated area with numerous dimensional constraints. Sealed bags are placed on an infeed conveyor belt and conveyed to the bag opening system. From this point forward the process is completely automated. Bags are opened precisely by the cutting head, product separated and screened by the rotary drum, allowing the product to be conveyed to the process and the empty bags compacted within a screw compactor. Flexible screw conveyors were utilized to convey the product from the bag opener. The screw conveyors were also designed for total product containment and overall product metering to the process. System controls were also provided with this project.



# Real Results APPLICATION OVERVIEW







## Real Results APPLICATION OVERVIEW



