



SPINNITECH

The purpose of this project was to design an autonomously controlled, electric-powered machine that can meter and dispense pellets into containers of fixed dimensions and then apply and seal a lid on the plastic container. Our product packaging system is designed for small businesses that need to package large quantities of small uniform items. Key technical issues include the accuracy of the pellet dispenser and the reliability of each complex subsystem. The purpose of the prototype was to demonstrate the feasibility of each of the packaging machine's subsystems in order to determine if material can be dispensed and sealed in the container accurately and efficiently.

