

Title: Optimizing Material Flow from Silo to Extruder

Sponsor: Sabert

The efficient movement of materials from our storage silos to extruders is critical for maintaining seamless production. However, challenges such as inconsistent flow, equipment wear, and production interruptions often hinder optimal material handling. This project proposal aims to address these challenges by optimizing material flow from silos to extruders, thereby enhancing productivity, quality, and safety within the production environment.

Objectives

- Evaluate current material flow processes and identify bottlenecks or inefficiencies.
- Develop and implement strategies to improve material flow, focusing on enhancing equipment reliability and performance.
- Enhance control mechanisms to ensure consistent material delivery to the extruder, minimizing variations in production output.
- Implement safety measures to mitigate risks associated with material handling, ensuring a secure working environment for personnel.

BUDGET: \$5000