



### PROCESS

After being dissatisfied with a competing company, the customer came to FEECO to develop and manufacture a custom pelletizing line for transforming their raw [synthetic gypsum](#) into a soil amendment product.

The project began with testing on a continuous scale in the [FEECO Innovation Center](#), where process data around the specific source of synthetic gypsum was gathered. This data was then used to scale up the process and design a complete pelletizing system.

FEECO was able to expedite the project timeline with the provision of a pre-built disc pelletizer, which allowed the customer to get their product to market as quickly as possible.

FEECO also assisted the customer in working through start-up challenges to bring the plant online at commercial capacity to quickly meet market demand.

In addition to the [pelletizing system](#), FEECO also provided three continuous chain-style bucket elevators.

All equipment was designed with synthetic gypsum's abrasive quality in mind, which included using cold-rolled steel pins with an abrasion-resistant coating in the pin mixer.

### PROJECT SPECS

**Customer:**  
Proprietary

**Equipment Supplied:**

- Pin Mixer
- Disc Pelletizer
- Bucket Elevators
- Weigh Belts
- Bin Bottoms
- Rotary Feeders

**Project Location:**  
USA

**Industry:**  
Agriculture

**Material:**  
Synthetic Gypsum

**Project Engineer:**  
FEECO International, Inc.