

FEECO Pipe Reactor



Ammonium Sulfate Granules

## AMMONIUM SULFATE PRODUCTION SYSTEMS

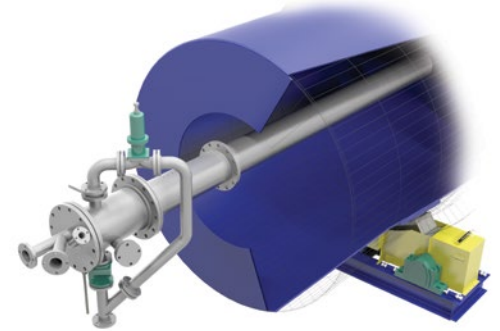
FEECO has been serving the agriculture industry since 1951 through custom processing equipment, process design and feasibility testing, and improved approaches to fertilizer granulation, including the production of ammonium sulfate products. We offer complete process solutions for the [production of ammonium sulfate](#) utilizing a [pipe reactor](#).

The pipe reactor method of granulation produces a premium product in the form of a **rounded granule**, offering significantly less dust compared to those produced via compaction granulation. A rounded product also provides improved break down on application, while still being strong enough to withstand handling, transportation, and application.

Pipe reactor granulation offers significant savings in terms of energy, through capturing the heat of the reaction and utilizing it to flash off moisture, reducing the load on the dryer.

FEECO can engineer and supply a complete system, retrofit a pipe reactor into an existing granulation operation, or provide individual pieces of equipment for both new and replacement applications. Equipment we can supply includes:

- Granulation Drums
- Screens
- Pipe Reactors
- Conveyor Systems, Bucket Elevators, and Complete Material Handling Lines
- Rotary Dryers
- Rotary Coolers
- Coating Drums



3D Model of a FEECO Pipe Reactor Integrated into a Granulation Drum

## IMPROVING FERTILIZER PRODUCTION

Pipe reactors can be designed into a new system, or **retrofitted** into an existing one, with the option to replace the pre-neutralizing stage.

