

Feedstocks

Customized milling and continuous handling of a wide variety of feedstocks

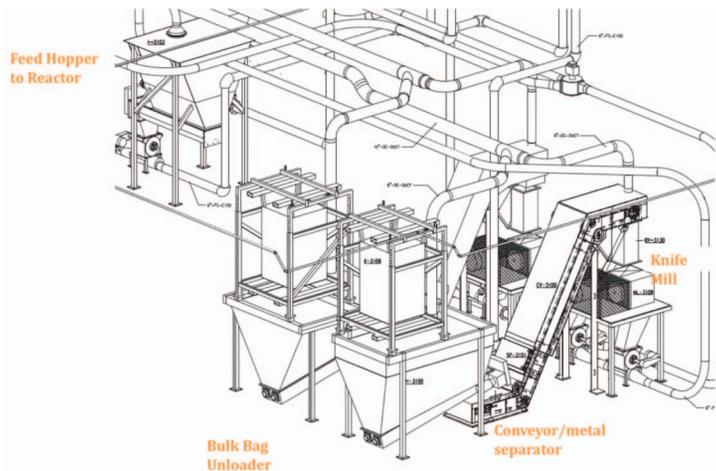


Photo by Warren Gretz, NREL/PIX 05754



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Feedstock handling capabilities

- We have **experience** working with:
 - Perennials – switchgrass, sorghum, and others
 - Crop residue – corn stover, bagasse, wheat straw
 - Forestry biomass – hickory, poplar, oak
- Our mill takes dry material from large super sacks and mills the feedstock to a **variety of sizes**
- The material is moved up to the reactors and fed using a **novel pneumatic system**
- Therefore, we can run the mill **continuously** while operating the reactors

Feedstock handling equipment

Each of the two process trains includes:

- Bulk bag unloader
- Bulk storage hopper
- Bulk feed conveyor
- Knife mill
- Train feed hopper
- Cyclone
- Pneumatic conveyance system -- transfers biomass between bulk storage and train feed hopper and between train feed hopper and cyclone