

# PECO FOODS FEED MILL



## Owner

Peco Foods, Inc.

## Size/Capacity

90 tons per hour initial  
180 tons per hour future

## Completion Time

16 months  
Completed 01/2012

## Younglove's Services

- Conceptual design
- Structural engineering
- General construction
- Construction management
- Slipform concrete construction
- Equipment installation
- Tilt-up construction

## Lake, Mississippi

This feed mill for Peco features 50,000-bushel-per-hour rail receiving, 300-ton-per-hour truck receiving, pneumatic receiving for minerals, one 70-ton-per-hour hammermill with space for a future 70-ton-per-hour hammermill, nineteen ingredient bins with 2,400 tons of storage, one soymeal silo with 2,400 tons of storage, a 10-ton batching system with a 6-ton twin shaft mixer (10-ton mixer is future), one 20-bin micro system with four totes overhead, and metered liquids to the mixer. Pelleting features one 90-ton-per-hour line with space to add a second 90-ton-per-hour line, all housed in a pelleting tower directly adjacent to the mill. All post pellet liquid addition is future. Loadout consists of 20 bins with a total of 2,860 tons of storage (dual driveway) with 2 weigh lorry systems.

Grain storage consists of 750,000 bushels in three silos, with the hammermills under the hoppers silo. The tank farm is 55 feet by 45 feet with room for 11 tanks. Two 40 hp air compressors provide plant air, while one 500 hp boiler provides steam for pelleting and tracing (one 500 hp boiler is future). One 500-pound manlift and full-height stairs provide vertical access throughout the facility.

The warehouse, receiving building, air compressor room, and boiler room are all of concrete wall and roof construction to provide many years of maintenance-free operation.



**YOUNGLOVE**

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Builders of trust*

*Leaders in the design and construction of bulk materials handling facilities*