

PETERSON INDUSTRIES FEED MILL

Owner

Peterson Industries, Inc.

Size/Capacity

12,000 tons per week

Completion Time

15 months

Younglove's Services

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

Decatur, Arkansas

This poultry feed manufacturing facility is totally automated with PLC interface to a computer from receiving through bulk loadout. Truck and rail may be received simultaneously on two manual receiving lines at a combined capacity of 660 tons per hour. Incoming meals and grains may be scalped or cleaned. Three 250 hp hammermills (one future) are gravity fed from nearly 300,000 bushels of grain storage. A total of 4,300 tons of ingredient storage gravity feed to a 6-ton major scale, a 1-ton minor scale, and two 6-ton mixing lines (one future). Three 400 hp pellet lines (two future) distribute to 2,500 tons of finished feed storage and an automated 350-ton-per-hour shuttle conveyor.

All the periphery buildings are precast construction, which include a remote scale house (480 square feet), receiving building (3,080 square feet), boiler building (1,700 square feet), and warehouse (9,600 square feet).



YOUNGLOVE

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Builders of trust*

Leaders in the design and construction of bulk materials handling facilities