

MAR-JAC POULTRY FEED MILL AND GRAIN STORAGE FACILITY



Owner

Mar-Jac Poultry AL, LLC

Size/Capacity

90 tons per hour initial
180 tons per hour future

Completion Time

18 months
Completed 12/2017

Younglove's Services

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

Spruce Pine, Alabama

This new feed mill for Mar-Jac is of a similar design to the first feed mill Younglove constructed for them in Maysville, Georgia, in 2003. The mill in Spruce Pine includes a 40,000-bushel-per-hour rail receiving system and a 250-ton-per-hour truck receiving system.

Storage consists of 500,000 bushels of whole grain and 2,400 tons of soy meal in a 6-pack of 35-foot-diameter silos adjacent to the mill. Ingredient storage in the mill consists of 23 bins with over 2,400 tons of total storage area. Finished feed is stored in 2 loadout driveways with 30 bins and over 4,400 tons of total capacity.

This facility includes a separate grinding building constructed of concrete wall panels. This building houses one 70-ton-per-hour hammermill with space for a second in the future. Batching and mixing are performed with dual major scales, a minor scale, a 20-bin micro system, and a 12-ton mixer. A pelleting tower adjacent to the mill houses the pelleting equipment and process equipment. One 90-ton-per-hour line was installed with space for a second in the future. The fat coating system is housed in the mill headhouse. Screw conveyors and distributors direct finished feed to the designated loadout bin.

Other features of the facility include a concrete wall panel warehouse, boiler room, and receiving building. The boiler room houses one 500 hp boiler with space for a second. Two 50 hp air compressors and a 1,000-pound-capacity manlift round out the facility.



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