

PRESTAGE FARMS FEED MILL



Owner

Prestage Farms, Inc.

Size/Capacity

4,000 tons per week
initial
8,000 tons per week
future

Completion Time

15 months

Younglove's Services

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

West Point, Mississippi

This new feed mill for Prestage Farms in West Point, Mississippi, was constructed entirely of structural concrete work for the mill tower, grain storage silos, and support structures, which included a receiving building, warehouse, service building, and grinding room.

This project includes one 200-ton-per-hour receiving line (one future), one 40-ton-per-hour grinder (one future), one 50-ton-per-hour pelleting system (one future), one 6-ton mixer, one 16-ingredient micro system, a 1-ton minor hopper scale, and a 6-ton major hopper scale. This facility is very economical in plan, with capacities of 250,000 bushel for grain, 2,160 tons for soft stock ingredients, and 1,860 tons for finished feed bins.

This project is unique in that the support structures were constructed using the tilt-up concrete method. These structures are oftentimes slip-formed; however, upon investigating and analyzing the cost of slipform concrete versus tilt-up concrete for these low-rise structures, we concluded that the tilt-up concrete method would be more economical. Thus, the tilt-up method was used.



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