

MOUNTAIRE FARMS FEED MILL ADDITIONS AND RENOVATIONS



Owner

Mountaire Farms Inc.

Size/Capacity

195 tons per hour
pelletting

Completion Time

In phases over 15
months

Younglove's Services

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

Candor, North Carolina

This renovation project for Mountaire Farms increased the production capacity of the existing feed mill from 15,000 to 21,000 tons per week. One 90-foot-diameter by 123-foot-tall slipform concrete silo was added to offer an additional 740,000 bushels of grain storage. Silo features include a steel roof dome, bobcat door, Laidig CleanSweep, and future aeration system.

The grinding system was increased from 120 to 180 tons per hour by adding a third 60-ton-per-hour hammermill and new air assist system and enlarging the hammermill building.

Batching and mixing was increased from 200 to 240 tons per hour. Renovations included replacing the existing 10-ton mixer with a new 12-ton twin shaft mixer and adding a new 3-ton batching hopper.

The pelletting system was upgraded from 130 to 195 tons per hour by adding a third 65-ton-per-hour pelletting system.

Construction of a new second loadout driveway offers 16 bins with a total of 3,400 tons of additional storage capacity. A shuttle conveyor and truck scale are utilized to load trucks at 300 tph. Extensive renovations were also made to the liquid storage and delivery systems.

All of this work was completed while Mountaire continued its plant operations.



YOUNGLOVE

*Builders of value...
Builders of trust*

Leaders in the design and construction of bulk materials handling facilities