

MOUNTAIRE FARMS FEED MILL



Owner

Mountaire Farms Inc.

Size/Capacity

130 tons per hour

Completion Time

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 feed mill for Mountaire Farms features 35,200-bushel-per-hour corn receiving; 220-ton-per-hour ingredient receiving; a 120-ton-per-hour grinding system through two hammermills in a separate grinder room; 31 ingredient bins with 3,800 tons of storage; a 10-ton batching and mixing system, including two 10-bin micro systems; and metered liquids to the mixer. The pellet mills are housed in a pelleting tower directly adjacent to the main mill tower to allow easy access for maintenance functions. The fats coating system utilizes a surge hopper on loadcells, dry flow screw and loadcell, micro motion meter, and a roto-coater. Screw conveyors with multiple discharges are used for pellet distribution. Loadout utilizes a single driveway with shuttle conveyor and pitless truck scale at 300 tons per hour. This feed mill has a total finished feed capacity of approximately 3,400 tons.

Additional features to the feed mill include 710,000 bushels of grain storage in eight silos and three interstice bins, a tank farm for five liquids, two 40 hp air compressors, and two 400 hp fuel-fired boilers. One 650-pound manlift is used for vertical access from the ground floor to the roof.



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