

REMBRANDT ENTERPRISES FEED MILL

Owner

Rembrandt Enterprises,
Inc.

Size/Capacity

80 tons per hour

Completion Time

10 months

Younglove's Services

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

Rembrandt, Iowa

This feed mill for Rembrandt Enterprises, Inc., features twin receiving systems, each with a capacity of 5,000 cubic feet per hour; a 60-ton-per-hour rollermill grinding system utilizing one 30-ton-per-hour rollermill and future provisions for a second 30-ton-per-hour rollermill; 14 ingredient bins with 968 tons of ingredient storage; a 4-ton batching and mixing system, including one 8-bin microsystem; the ability to utilize up to six 2,000-pound tote bags; and metered liquids to the mixer.

Mixed feed will be transferred utilizing a series of conveyors to the on-site poultry barns at a rate of up to 80 tons per hour. The conveyance system to the on-site poultry barns consists of approximately 1,000 lineal feet of overhead bridges and drag conveyors. The bridges provide both structural support of the overhead conveyors and maintenance access. Mixed feed can also be loaded out to trucks for transport to other facilities.

Two 32-foot-diameter by 131-foot-tall grain silos will store whole corn for the grinding operations. The total whole corn storage capacity is 140,000 bushels in these two silos.

Other features to the feed mill include a 50-foot by 50-foot warehouse for micro-ingredient storage, a 650-pound manlift for vertical access from ground level to the bin deck level, two 10 hp air compressors, and one 12-foot-wide by 70-foot-long remote pitless truck scale.



YOUNGLOVE

*Builders of value...
Builders of trust*

Leaders in the design and construction of bulk materials handling facilities