

NEW FEEDS SWINE FEED MILL



Owner

NEW Feeds, LLC.

Size/Capacity

80 tons per hour
mash feed

Completion Time

10 months
Completed June 2010

Younglove's Services

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

Lidderdale, Iowa

This new swine feed mill will produce mash feed at a rate of 80 tons per hour through a 4-ton twin shaft mixer. In the future, the 4-ton mixer can be replaced with a 5-ton twin shaft mixer with the ability to produce 100 tons per hour.

Within this 26-foot by 43-foot by 132-foot-tall feed mill structure, 742 tons of ingredient storage is provided in 17 bins. Also, 473 tons of finished feed storage is provided in 9 bins above a single loadout driveway. Ingredient receiving is achieved through a 150-ton-per-hour receiving system with an integral 10-foot by 70-foot Rice Lake platform scale. Whole corn is transferred to the mill via an overhead reclaim system from the existing grain storage. The grinding system consists of two dual pair 12-inch by 52-inch rolling grinders for a combined capacity of 80 tons per hour at 650 microns.

Pre-engineered metal buildings enclose the warehouse, truck receiving, and loadout driveway extensions. A liquid storage containment dike located adjacent to the warehouse contains four liquid ingredient storage tanks.



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