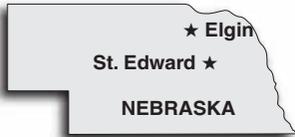


Two Sites Expanded

NEBRASKA COOPERATIVE ADDS STEEL STORAGE TO IMPROVE CUSTOMER SERVICE



Central Valley Ag Cooperative
Oakland, NE • 402-685-5613

Founded: 2003
Storage capacity: 40.2 million bushels at 23 locations
Annual volume: 50 million bushels
Annual revenues: \$700 million
Number of members: 15,806
Number of employees: 388 full-time, 150 seasonal
Crops handled: Corn, soybeans
Services: Grain handling and merchandising, agronomy, feed, petroleum

Key personnel:

- Bryan Reichmuth, senior vice president-grain and feed milling
- Stan Kallhoff, grain operations mgr.
- Steve Thompson, Elgin location mgr.
- Jon Johnson, merchandiser
- Keith Borer, merchandiser

Supplier List

- Aeration fans..** Chief Agri/Industrial Division, AIRLANCO
- Auger cast piles** Longfellow Foundations
- Bin sweeps** Springland Mfg.
- Bucket elevator** Schlager Inc.
- Catwalks...** Warrior Mfg. LLC, LeMar Industries Corp.
- Contractors** EBM Construction, J & D Construction Inc.
- Conveyors** Schlager Inc.
- Distributor.....** Schlager Inc.
- Elevator buckets** Tapco Inc.
- Grain temperature system....** TSGC Inc., Chief Agri/Industrial Division
- Liner** Argonics Inc.
- Millwrights** EBM Construction, J & D Construction Inc.
- Overhead tanks.....** Lorrich
- Steel storage...** Chief Agri/Industrial Division, Behlen Mfg. Co.
- Steel tank erection** Quad County Ag Service, J & D Construction
- Tower support system** Warrior Mfg. LLC, LeMar Industries Corp.



Two new 315,000-bushel steel tanks at left were added to Central Valley Ag's grain elevator in Elgin, NE in 2012. Aerial photos by JH Photography, Spencer, IA.



New 720,000-bushel standalone steel annex at right was added at Central Valley Ag's St. Edward, NE facility, also in 2012.

Two of 23 Central Valley Ag Cooperative grain elevators in northeast Nebraska can boast some shiny new steel storage tanks as the coop completed two projects in 2012 to increase customer service and boost grain handling speed.

At the elevator in Elgin, NE (402-843-2416), Central Valley added a pair of 315,000-bushel Chief Titan tanks plus related grain-handling equipment.

And 32 miles to the south, in St. Edward, NE (402-678-2251), the coop built a standalone steel annex with a pair of 360,000-bushel Behlen tanks, receiving pit, and 20,000-bph Schlagel leg.

At Elgin, says Grain Operations Manager Stan Kallhoff, the challenge was to boost storage capacity with a very limited amount of available space.

“We had a 100,000-bushel flat storage building that was aging, so we tore that down to make room for the new tanks,” Kallhoff says. “It was a pretty cramped site, so we went as tall as we could go with that diameter tank.”

At St. Edward, the Central Valley elevator sprawls over a larger area, with ►



Ground-level view of the new 315,000-bushel tanks at Elgin. Also visible are overhead 14,000-bph drag conveyors that fill the tanks. Photo by Ed Zdrojewski.

A LEADER IN MICHIGAN GRAIN EQUIPMENT SALES HELPING YOU MEET ALL YOUR STORAGE NEEDS!



We are the premier dealer for commercial tower dryer sales & service in the state of Michigan!

Contact Zook Farm Equipment today for grain dryers, bucket elevator legs, spouting, augers, conveyors, and grain storage bins. We also carry the full GSI service line, giving you control over your grain and your profit.



Zook Farm Equipment is proud to distribute GSI service line products

zfe
Zook Farm Equipment

7980 Pratt Lake Ave. SE, Alto, MI 49302
(616) 868-6195 • www.zookfarmequipment.com



Stan Kallhoff

more room to expand, so here, the coop opted to build a full steel annex with a new receiving pit to boost both storage and receiving capacity.

Because the summer building season can be hectic, Central Valley opted to hire different contractors for the two project. The general at Elgin was EBM Construction, Norfolk, NE (800-356-9782). At St. Edward, the coop hired J & D Construction, Inc., Montevideo, MN (800-279-6447).

Longfellow Foundations Inc., Hutchinson, KS (620-662-1228), installed 280 auger cast piles beneath the new tanks in St. Edward, 140

per tank 60 feet deep, and 212 in Elgin, 106 per tank 71 feet deep.

Kallhoff says Central Valley was pleased with the performance of both contractors who finished on time and on budget. Construction began in April and was completed in time for harvest.

Elgin, NE

EBM constructed a pair of 315,000-bushel Chief Titan tanks standing 68 feet in diameter, 95-feet, 6-inch tall at the eaves, and 114 feet tall at the peak. These tanks have flat floors, outside stiffeners, 16-inch Springland sweep augers, and eight-cable Stormax grain temperature monitoring systems (manufactured by Chief).

A pair of 40-hp Caldwell centrifugal fans on each tank deliver 1/10 cfm per bushel of aeration through in-floor ducting.

A set of 14,000-bph Schlagel drag conveyors deliver grain to the new tanks from existing equipment installed by EBM Construction in 2006 for this planned expansion. The tanks empty onto another set of 10,000-bph Schlagel drags in above-ground tunnels.

St. Edward, NE

On the St. Edward project, J & D installed a pair of 360,000-bushel Behlen corrugated steel tanks standing 72 feet in diameter, 100 feet tall at the eaves, and 120 feet tall at the peak. These tanks have flat floors, outside stiffeners, 16-inch Springland sweeps, and 12-cable TSGC grain temperature monitoring systems.

A pair of Caldwell 40-hp centrifugal fans are set to provide 1/7 cfm per bushel of aeration per tank.

Adjacent to the new tanks, J & D installed an 800-bushel mechanical receiving pit that feeds a 20,000-bph Schlagel leg. The leg is outfitted with a single row of Tapco 20x8 heavy-duty buckets mounted on a 22-inch (*brand name*) belt and is encased inside a 12-foot-x-12-foot Warrior tower with switchback stairs.

The leg deposits grain into a five-hole Schlagel rotary distributor, which in turn, can send grain to the new tanks on a pair of overhead 20,000-bph Schlagel drag conveyors. The tanks empty onto another set of 20,000-bph Schlagel drags in above-ground tunnels running back to the new leg.

The distributor also can reach a pair of 4,500-bushel Lorrich overhead tanks for truck loading.

Ed Zdrojewski, editor

Compact. Reliable. Economical. Bühler recognizes the importance of quality conditioning and cleaning as an essential part in the success of your plant. With that in mind, our LABA cleaning machine offers high operational reliability and easy maintenance. With the LABA you can optimize grain storage life and make your operation even more productive. For more information please visit www.buhlergroup.com.

Bühler Inc., PO Box 9497, Minneapolis, MN 55440, 763-847-9900
buhler.minneapolis@buhlergroup.com, www.buhlergroup.com

LABA Cleaning/ Screening Machines.

High operational reliability.

Safety equipment on the screen box provides protection against malfunctions.

Easy maintenance.

Access from the top to change screens saves space and allows for easy cleaning.

Integral vertical sifter.

To isolate extremely light fractions, the LABA comes with a vertical sifter with variable air volume regulation.

All steel construction.

All metal screens and frames constructed of powder coated carbon steel with no organic materials used in the screener construction.



Innovations for a better world.

