

Coop Adds Second Dryer

DELUX MODEL DPX12T UNIT DRIES MORE BUSHEL PER UNIT OF ENERGY



New Delux Model DPX12T grain dryer installed earlier this year at Wheaton Dumont Coop Elevator in Wheaton, MN, rated at 3,800 bph at five points of moisture removal. Photo by Danter's Photography, Alexandria, MN.

In 2009-10, **Wheaton Dumont Coop Elevator** undertook a major overhaul of its grain elevator in Wheaton, MN (320-563-8152), add-

ing more than 2 million bushels of storage and replacing much of the grain handling equipment.

The project included the addition

of a second grain dryer at Wheaton, and there was little question that it would be one manufactured by **Delux Mfg. Co.**, Kearney, NE (800-658-3240), says Location Manager **Brian Montonye**.

The cooperative had installed a 30-foot-tall Delux Model DPX12T dryer in 2004 at Wheaton, rated at 2,180 bph at five points of moisture removal, and Montonye reports the dryer's efficiency easily topped that. The installing contractor was **Grain Dryer Service**, Alexandria, MN (320-760-6056).

Newer Model

For the 2009-10 addition, Wheaton Dumont went with a more up-to-date, propane-fired Delux Model DPX12T dryer rated at 3,500 bph. The construction was completed in May 2010.

Montonye says the coop particularly liked the dryer's "crossover" feature, in which grain is flipped between inside and outside columns during the drying process. This adds about 15% to drying capacity while adding only five feet of vertical height to the unit.

"It's really simple to operate," he continues. "If you get it set up right, it's almost maintenance-free. And in terms of efficiency, in our experience, Delux dryers are capable of processing more than their rated capacity."

Additional key features of the DPX12T series:

- A unique Delux vacuum cooling chamber boasting efficiency by 30% to 50% over conventional dryers.
- Wide-vane axial fan designed for unusually quiet operation.
- Delux Accra-Matic metering and discharge system designed to minimize grain damage.
- The energy-efficient burner provides a complete controlled burn, with minimum fuel consumption.

Ed Zdrojewski, editor