

SILO PLANT FOR RAIFFEISEN IN AUSTRIA

Raiffeisen Lagerhaus (RLG) is the major player in the Austrian grain business. Its constant ambition of striving for improvement in terms of economic efficiency and increased vigour for grain handling and storage, led to it merging two sites in southeast Austria that were getting a bit long in the tooth to create a brand new greenfield installation right in the heart of the relevant catchment area.

The first section of the plant consists of two parallel reception lines, each with intake pit and pre-cleaning unit. One Delta 146 and one conical wind-sifter have been installed inside the pre-cleaning tower. The product is subsequently transported to the silos by Cimbria chain conveyors and bucket elevators at a capacity of 100 t/h, corresponding to a reception capacity of four trucks per line per hour. Automatic foot cleaning systems at the elevator boot help the customer keep the plant clean and prevent cross-contamination of crops.

Within the silo section with a total holding capacity of 7,750 tonnes, there are four blocks with the following configuration:

- 2 hopper silos with a holding capacity of 125 tonnes each, mainly used as wet cells prior to drying or as load-out bins for the bulk loading unit
- 6 hopper silos, 250 tonnes each, for storage of smaller batches or as load-out bins
- 4 hopper silos, 500 tonnes each
- 4 flat-bottom silos, 1,000 tonnes each.

The drying section consists of a Continuous dryer for indirect heating with oil, as well as a box dryer for smaller quantities of niche products.

Cimbria has mastered the rather unusual surrounding conditions – which include a relatively high earthquake zone in the area and strict levels for noise emissions – in a supreme manner, providing the customer with a plant ready for full operation just in time for harvest, which coincided with an opening ceremony attended by more than 400 guests.

