



Molinos de Costa Rica, S.A. recently built a new facility for durum wheat milling in Alajuela, Costa Rica, with equipment supplied by Ocrim. Photo courtesy of Ocrim.

COMPANY ADDS DURUM WHEAT MILL IN COSTA RICA

Molinos de Costa Rica, S.A., one of the largest flour and semolina mills in Central America and a market leader in the production of wheat flour and durum semolina, recently built a new facility for durum wheat milling in Alajuela, Costa Rica. The greenfield project took about a year to complete, and started operations in December 2015.

The facility is four stories tall and can mill 300 tonnes per day of durum wheat for the production of semolina for pasta. Ocrim, based in Cremona, Italy, supplied multiple pieces of equipment, including RMX stainless steel roller mills; SDX stainless steel purifiers; SFM/I modular plansifter; and a cleaning section.

The durum wheat, mostly from Canada, goes from a high-capacity steel bin directly to the cleaning house that includes an optical sorter and DHB debranners. After the milling process, the semolina goes straight to the pasta factory nearby with a pneumatic line, while the byproducts are stored in existing bins.

The mill is highly automated with

the Ocrim-developed software. The energy efficiency is guaranteed with high efficiency motors and inverters, Ocrim said. Due to the large use of stainless steel during the process, high sanitary standards are easily reached.

Molinos de Costa Rica's primary customer is one of the largest pasta producers in the country.

UZURI ADDS SECOND MILLING LINE TO KENYA FACILITY

Uzuri Foods Ltd. is nearing completion of its second milling line at its facility in Kenya, with work expected to be complete in the third quarter of 2016. Both lines will have a capacity of 450 tonnes per day. The flour extraction rate is 78% to 80%.

Each line includes 14 single-deck Millennium cast iron stainless PLC roller mills supplied by IMAS MILLERAL, based in Konya, Turkey; four double-deck Millennium cast iron stainless PLC roller mills; and four quadro plansifters.

All rolls are 1,250 mm. The intake and cleaning sections have a capacity of 20 to 22 tonnes per hour, and flour packing is done by a carousel machine.

IMAS MILLERAL said the mill is highly automated and energy efficient with automatic dampeners, scales, soft starters for pneumatic motors, automatic stops for silo conveyors and full automation. IMAS MILLERAL also applied its SmartLub automated lubrication system.

Total grain storage capacity at the facility is 18,000 tonnes. Wheat is sourced from countries worldwide, including Australia, Europe, Russia, Ukraine, North America and South America with qualities varying from low to very high proteins.



Uzuri Foods Ltd. is nearing completion of a second milling line at its facility in Kenya, with equipment supplied by IMAS MILLERAL. Photo courtesy of IMAS MILLERAL.