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Granco Clark Supplies Indalum Mexico with a new log processing and automated extrusion handling system.

Belding, MI – Granco Clark of Belding, MI has recently built and supplied New Log Processing and Automated Extrusion Handling Systems to Indalum Mexico for their new Danieli 3800T Extrusion Press.

The new system will be handling extrusions that are 25 kg / m in weight and will have a maximum length of 50 m.

The new Log Heating System consists of a Granco Clark High Efficient, Hot Jet Log Heating Furnace and a new Granco Clark Hot Billet Cutting Saw (HBCS).

Upon the hot extrusion exiting the press, a Granco Clark "Flying Cut" Double Puller System will lead the extrusion through the 20 m Lead-out conveyor towards the 50 m Run Out Table. The "Flying Cut" System will allow Indalum to cut the extrusion without interrupting the extrusion cycle.

While the Puller System is performing its duty, it's also pulling the hot extrusion through the Granco Clark Model 28, Progressive High Pressure Quench System that is capable of high pressure water spray, high velocity air and mist. This High performance Quench System is designed to stabilize the shape first and then quench to Indalum's desired metallurgical properties and exit temperature.

The extrusions are then handed off from the puller system to the belt cooling table where they are handled with care and delivered directly to the jaws of the new Granco Clark 150 T Segmented Cam Jaw Stretcher to be straightened through the stretching process.

The straight extrusions are then again laterally conveyed onto the saw in-feed conveyor where the extrusions will be fed to the Granco Clark Extrusion Cutting System (ECS-4010). The extrusions are cut and conveyed to the discharge belts where they are packed and sent to Indalum's Aging Process.

The Heating and Handling Systems are controlled by Granco Clark's Supervisory Computer System (SCS).

The new press line is scheduled to begin production in early 2014.

Founded in 1947, Granco Clark began manufacturing billet furnaces and has evolved into a worldwide, cutting-edge, single-source supplier and leading equipment manufacturer in the aluminum extrusion industry.

With a proven track record of manufacturing the most dependable and durable equipment in the business, Granco Clark continually develops groundbreaking technology to improve its products – ranging from billet log furnaces, hot log saws, FusionBond™ to age ovens and stacking equipment.

The company was the first to introduce the integrated control system technology that has since developed into SCSExtrude – the next-generation technology for optimizing automated extrusion line performance.

Another key to Granco Clark's success is listening to customers and designing products for their specific needs. The end results are improved productivity, energy conservation, waste reduction and cost savings for customers.