

Granco Clark's N America success

Granco Clark has been selected to provide four hot-jet log-heating furnaces, thin-kerf hot-billet saws, and Spinning Log Welders to Astro Shapes in Struthers, OH, for its existing press lines.

Astro Shapes will be the first aluminum extruder in North America to implement the extrusion manufacturing technology. The systems will be used on Astro Shapes' 1400t to 2500t press lines.

Granco Clark introduced the Spinning Log Welder in Smithfield, Australia, early in 2009. The welder integrates with the Granco Clark Hot Saw technology, eliminating two-piece billets and the performance shortcomings of spot-welded billets. As the logs emerge from the Hot-Jet Furnace, the Hot Saw locates the junction and creates a precise, even cut, exposing fresh oxide-free surfaces to be joined. The new Spinning Log Welder then joins them together under pressure and controlled rotation.

A laser alignment system ensures the billets are precisely centered.

The entire process takes place after the furnace, where it can be done most efficiently. Additionally, the welder can reduce scrap generated from around the

shear area by 68% and improve the overall yield by 3%.

Complete Line

Vitex Extrusion has purchased a complete aluminium extrusion line from Granco for its operations in Franklin, New Hampshire.

The 9"-diameter, 2750t press system includes the following equipment: Hot Saw, Hot-Jet Furnace, Double Puller, High-Pressure Spray Quench, Cam-Style Profile Stretchers, Extrusion Cutoff Saw and semi-automated belt system.

Extrudex Aluminum, of Woodbridge, Ontario, has again depended on Granco's extrusion manufacturing technology by ordering a 500-pound Double Puller for its operation in North Jackson, Ohio.

With two extrusion manufacturing plants in Canada (Woodbridge, Ontario, and Saint-Nicolas, Québec) and one in the USA (North Jackson, Ohio), Extrudex Aluminum has a total of nine extrusion presses, all of which now have Granco Clark Pullers.

Sapa Extrusions in Mississauga, Ontario, has replaced an existing Turla log furnace and shear with a Granco Clark Hot-Jet Furnace and Hot Saw. The 3600t metric

press has the capacity to cut up to 12" diameter logs. Using an overhead billet manipulator to deliver the log to the press, this eliminates billet rolling and the possible separation of a two-piece billet.

Granco Clark has also been selected to equip the ABC Aluminum Solutions plant in Tijuana, Mexico, with a semi-automated handling system for its existing 3150t aluminium extrusion press.

The new handling system includes the following equipment: Double Puller, Cam-Style Profile Stretchers, and Extrusion Cutoff Saw. Sapa Industrial Extrusions has placed an order for a large, double-end-flow oven system for its operations in Spanish Fork, UT. Granco Clark's double-end-flow oven has dual burners and fans that achieve faster heat-up for higher productivity and improved energy efficiency.

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