

### Automated Super Spacer IG suits plans of high-end window maker

Gienow Windows and Doors, Calgary, Alberta, is a successful and diversified manufacturer of windows and doors, founded in 1947. "We've come a long way from making aluminum sliders in the early days," says Gienow's Director of Manufacturing, Harvey Dunand, whose career spans 32 years at the Western Canadian company. The company makes both vinyl and wood windows and doors, as well as steel and fiberglass entry doors at its 360,000 sq. ft. facility.



Gienow's Harvey Dunand, next to the company's new Bystronic Super Spacer IG line.

"Our current focus," Dunand explains, "is elevating the product quality and production capabilities for Gienow's strong-selling, high-performance clad-wood product lines through automated Warm Edge IG manufacturing. This May we began making Super Spacer® IG on our new Bystronic line which automates all phases of IG production to suit the needs of our Seville Series of aluminum-clad wood windows for the custom home market."

Gienow manufactures many large IG units and complex shapes for Seville Series windows. "Our new Bystronic

Super Spacer line has the ability to lay up two units at a time, and has four spools to enable us to automatically apply the right-width spacer for each product without slowing down. Another important advantage is the built-in light table that is positioned after the glass washer, which lets us efficiently inspect the glass online. The automatic gas-fill station assures optimum fills for added insulation. And the hot-melt butyl station at the end of the line assures a quality seal, and has speeded up unit production significantly."



The new Bystronic line at Gienow runs a combination of grey Super Spacer Standard in a range of widths from 3/16" to 3/4".

Also of critical importance to Gienow, explains Dunand, is the new line's ability to simplify and add flexibility to the placement of muntin grids. "We used to train employees for special skill sets to handle grids, but now find we get better quality and consistency from the Bystronic automated process. And the skill requirements of our IG workers have been simplified, making employee training easier. Working with the Bystronic line has confirmed our belief that Super Spacer is the best flexible spacer for making complex windows, including special shapes. These would include all Seville Series windows that are triple-glazed."

Gienow was able to first evaluate Super Spacer through its sister company, Award

Windows Inc. Award makes heavy-extrusion PVC replacement windows for extreme climates, and began using Super Spacer IG over four years ago. "They have been very satisfied by the outstanding performance of Edgetech's thermoset spacer for condensation resistance and enhanced thermal comfort," says Dunand. "Award's positive experience encouraged us to go forward with Super Spacer automated IG production at Gienow."

According to Dunand, Gienow sells direct through factory showrooms in such metropolitan areas as Calgary, Alberta, Edmonton, Alberta, Vancouver, BC, Kelowna, BC and Prince George, BC, delivering direct to job sites on its own trucks. In more rural areas, the company sells through independent dealers. "Super Spacer displays and selling tools were installed in all factory showrooms in August, including materials promoting Health Smart Windows®. We are also promoting our Canadian and U.S.



Gienow's clad-wood Seville Series targets custom home builders.

Energy Star® certification status, as well as our NFRC ratings. Gienow credits Super Spacer, along with AFG low-e glass and automated Argon gas

fill, with helping achieve this industry recognition, so important to today's builders and home owners. 