



Left to right: RUBEN SALITILLO, EMERSON AND JORGE GARI, COMPLETE CNC SOLUTIONS

Press Release: August 10, 2015

Emerson Appleton Group Mexico Acquires New Polygim CNC Equipment to Bring Their Manufacturing In-house

Since 1903, the Appleton brand has been the hallmark for electrical products designed to protect people and equipment while delivering reliable power. With an extensive global reach and numerous headquarters in North America, Latin America, Europe, Asia-Pacific, and Middle East/Africa, the Appleton brand stands for the industry's most innovative electrical and lighting products for safety, productivity and reliability in any application.

Facing an increase in capacity, the Appleton Group Mexico decided to bring manufacturing in house. After an aggressive search for equipment to help improve their manufacturing process, the Appleton team invested in the innovative Eurotech Polygim Swiss type CNC auto lathes.

The Eurotech Polygim Gepard 42 is a 7-axis Swiss type CNC auto lathe, designed for unattended machining. This machine performs both standard universal turning and complete machining of complex work pieces in one operation, combining live tools, C-axis, Y-axis, B-axis and sub spindle.

Appleton Group Mexico had 12 electrical component parts that were being outsourced. They wanted to bring these parts to in- house manufacturing. Their goal was to improve quality on all of these parts and reduce turn-around time. Previously these parts were being made in multiple operations on either Citizen or Star machines.

They bought two of the Polygim Gepard machines from Eurotech's distributor, Complete CNC Solutions. Ruben Salitillo, Engineering Manager for Appleton Mexico Group, explains, "We have been very successful with the Polygim machines, from the installation to our production, everything went smooth and we achieved our goals... actually we overachieved our goals."

Ruben continued, "Previously, all 12 parts were being made in 2-3 operations spread out over many different machines. We now manufacture them ALL in 1 operation on the Eurotech Polygim. Our quality greatly improved and we realized a cycle time improvement of over 44%!" said Ruben.

Polygim Auto Lathe

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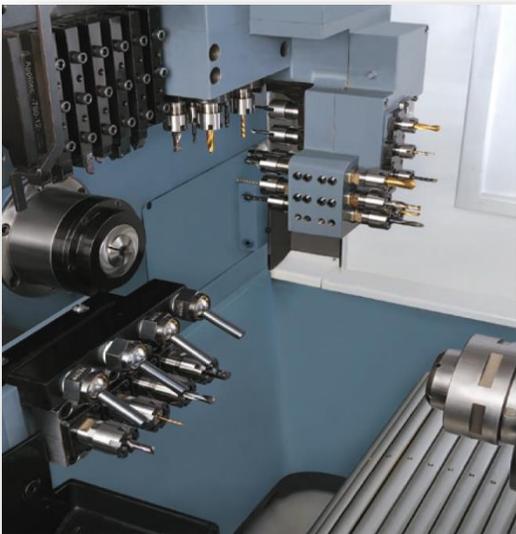
- Ruben Salitillo, Engineering Manager for Appleton Mexico Group.

Like a domino effect, the Appleton Mexico Group realized additional benefits of bringing their manufacturing in-house. Ruben explains, "With so many machines and operations, the output could be compromised. We are seeing perfect parts on the first run and consistent production. The speed is amazing as is the accuracy. Another benefit we've experienced is the safety that is incorporated in these machines."

For our application (electrical component parts), the Eurotech Polygim changes programs quickly, giving us faster solutions and less expensive product introduction. We are running the same parts but over 44% faster, changeover is simpler and the accuracy is spot on." Ruben Salitillo



Left to right: CHRIS SWANSON (EUROTECH), BENJAMIN CERVANTES ALCANTARA, HERIBERTO ROJAS MORALES, GUSTAVO OROZCO AND JORGE GARI (COMPLETE CNC)



12 PARTS BROUGHT IN HOUSE FOR MORE EFFICIENT MANUFACTURING. EMERSON TOOK THEIR PROCESS FROM 41 OPERATIONS DOWN TO 12, IMPROVING ROI BY OVER 44%!

The Eurotech Polygim was established in 1978 and built the first sliding headstock machine in 1997. They were the pioneers of the 360 degree B-axis. All machines are built with Meehanite castings and Mitsubishi systems control. With over 30 tools and C-axis on the main and sub spindle the Gepard model is the most popular in the Polygim line.

Today, the Appleton Company offers a comprehensive selection of electrical and lighting products – ranging from commercial boxes and fittings to highly engineered industrial products – designed to provide safe, reliable service in wet, corrosive and hazardous or industrial locations. More than 110 years later, and more than ever before, the Appleton brand stands for the industry's most innovative electrical and lighting products for safety, productivity and reliability in any application.

For more information on the machining solution of the Eurotech Polygim machine, please visit eurotechelite.com.