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CONTACTS ABOUT PEI

PEI Roots

Plastronic Enclosures, Inc.'s roots go back to 1993 when its predecessor, Globe Plastics, began operations as the first company to design and manufacture tool-less plastic enclosures in the US. Since that time, continuous process innovations have led the company, now known as Plastronic Enclosures, Inc., to be the leader in supplying low volume, short lead-time, custom plastic enclosures

For PEI, the year 2000 was more than the start of a new millennium; it was the beginning of new ownership for the company. On January 1, 2000, the previous management of Globe Plastics took ownership of the company by purchasing its assets and changing its name to Plastronic Enclosures, Inc. In addition to those changes, the new owners have:

- initiated a major expansion that includes moving to a new state-of-the-art facility,
- brought on line additional equipment which doubled the throughput capacity,
- installed the latest in 3D Solids Modeling CAD and integrated CAM software,
- rolled out an expanded e-commerce web site designed to improve customer service and communications, lower project start-up time, streamline design initiative, and reduce administrative and related costs

Digital Design and Manufacturing (DDM) Technology

The heart of PEI's process lies within its ability to move away from the snails-paced world of developing steel and aluminum tools for molding plastic boxes. Instead, the engineers at PEI have expanded on the European tool-less process by introducing American technology into the entire process of developing designs, creating prototypes, and delivering high-quality production parts. This expanded process, which PEI has named Digital Design and Manufacturing (DDM) has allowed the company to offer unique styles that encompass asymmetrical shapes, contours, slopes, radii, and complexity which add character and identity to our customers' enclosures

To accomplish this feat of design wizardry, PEI utilizes the latest digital and mechanical technology available in such a way that many of our customers cannot believe we can accomplish the look, feel, and functionality that our enclosures encompass. At the heart of our process is the utilization of customized CAD software that allows us to not only develop mechanical views, but also assists our designers in calculating angles, bend radii, joint tolerances, and arc degrees such that the finished product fits flawlessly together. Key to the success of this design stage is our ability to mesh together the high-tech capabilities of this leading edge CAD software along with our years of

As the first US company to introduce tool-less technology to the design and manufacture of plastic enclosures, PEI has continued to build on its rich history of supplying innovative designs to those companies who demand the highest quality possible.