The new **PEMSERTER® Series 3000™ automatic fastener-installation press** can install self-clinching fasteners up to 30% faster than traditional systems to deliver comparable productivity gains. **Full servo electromechanical actuation technology** provides significant improvement in operating consistency, improved reliability, increased efficiencies and minimized maintenance. Total elimination of hydraulic fluids provides an environmentally friendly system.

### Features and Benefits

- **Intelligent Set-up System (ISS)**. Automatically determines insertion force requirements.
- **“Optimized Motion Profiles”**. Eliminates need for “dwell time” and provides optimal fastener insertion.
- **PC Based Programming**. Push button, menu driven, touch screen control system.
- **Remote Monitoring**. Monitoring and troubleshooting through ethernet compatibility.
- **Data Logging**. Internal data for force and distance is measured and stored within the machine. Data collected can be downloaded to Windows operating platforms for QC documentation.
- **Multiple Pictures of Single Workpiece**. Digital pictures of workpiece for clarification of insertion points.
- **Multi Language Capable**.
- **Technical Video**. Pre-loaded on-screen video instructions for machine set-up and tooling changeover.

Press shown with optional auto-feed tooling package and optional motorized QX™ tooling.
The Series 3000 press introduces “clean” technology without hydraulics to install all types of self-clinching fasteners rapidly, accurately, and permanently. The electromechanical servo drive optimizes ram function to achieve ideal and repeatable speed and force for proper fastener installation.

Among features, PC-based programming interfaces with Windows operating platforms for job versatility and customization. Menu-driven touch-screen controls, descriptive screen alerts, and an on-screen multi-media instructional video contribute to user-friendly operation and quick learning. Data logging capabilities allow for performance monitoring. A patented LIGHTSTREAM® Operator Safety System provides a continuous safeguard by ensuring ram force is applied only to fasteners.