PEMSERTER®3000
Summary of advantages

Safety and quality

Safety system
Patented, photo-optical, self-monitoring safety system.

Force monitoring
The PEMSERTER® measures actual force and compares it with reference force.

Accident prevention regulations
The press complies fully with accident prevention regulations.

Ram stroke distance control
Bottom dead centre position is set using the integrated ram stroke distance control and each stroke is thus monitored. The system works without the electrical conductivity of the material.

Workpiece protection
The preset safety window protects both workpiece and operator.

Non-conductive workpieces
The safety system permits the installation into painted, anodised panels as well as circuit boards.

CE-marking
Complies with CE-directives.

Flexibility

Feeding tools
With five different automatic feeding possibilities, the PEMSERTER® 3000 is extremely flexible and easy to use.

Accessibility
Fasteners can be inserted from both sides in various different geometries.

Saving settings
All data can be saved on the hard disk. These programs can be archived with name and article numbers.

Intranet
External data storage is possible.

Control
Programming is installed on an integrated industrial PC (standard) with touch screen.

Return stroke limit
The return stroke can be set steplessly on the screen.

Automation robots
As a standard feature, the PEMSERTER® 3000 can be incorporated in a robot or an automated system.

Economy

Speed
The working stroke takes about 1 second (110 mm stroke).

Drive
Servo electromechanical actuator.

Energy efficiency
Power consumption 0.3 kW per hour.

Installation technology OMP (optimised motion profiles)
This means no dwell time is needed for installation into stainless steel panels and the installation result is optimised.

Tool changeover time
The PEMSERTER® 3000 can be changed over to another feeding tool in about 3 minutes.

Intelligent ISS function
Using ISS, the PEMSERTER® determines the installation force needed on its own.

Workpiece picture
It is possible to store pictures of the workpieces, incorporating the pictures in the program sequence and showing the installation position of the fasteners.

Languages
Operator guidance is available in several languages.

Videos
Stored training videos simplify and speed up the training process.

Service and maintenance

Software Update
At each inspection the software will be updated to the latest version.

Fault diagnostics
An intelligent software shows hardware and handling faults in plain text.

Router
The software can be actualised using a router and a connection can be established to the company's own network.

Maintenance contract
We offer an annual inspection by our own customer service as an option.

Telephone hotline
We are there to help you. Our customer service guarantees swift assistance.