

 **soenen**

PERFORATING IN PERFECTION





Leadership through innovation.

Being the world leading supplier for perforating presses we have gained a wide and unique know-how by working in partnership with the world's most renown perforating companies.

Our slogan "perforating in perfection" reflects our continuous development and eagerness to select the best materials and components available on the market. SOENEN is constantly looking for innovative solutions which truly benefit our customers.

More than 200 realized projects and satisfied customers around the globe are reflecting this leadership.

The right SERVICE – Wherever you are located!

SOENEN solves problems within 24 hours by Teleservice and a team of utmost trained service engineers can arrive on site within 48 hours with the required spare parts.

Since 2000 all SOENEN machines are equipped with an interactive diagnostic system, called the TRACKSNIPER. This software registers all actions and displays them on the operator screen and saves them into a log file. In this way problems can be easily detected and problem solving can be executed by the operator who is in-depth assisted by guidelines from our technicians, pictures, electronic schemes, ...

Who we are...

SOENEN is a leading company in the production of tailor-made machines for the sheet metal industry. Our aim is to deliver high quality solutions in the field of production technology – From perforating and expanded metal presses to CNC punching lines for truck chassis manufacturing, equipment for transformer core manufacturing, stacking installations for cold rolled sections and custom-made laser applications.

More than 60 years of competence in equipment for the perforating industry – A comprehensive range of the world leading company for perforating equipment:

- Perforating presses
- Expanded metal presses
- Sectional perforating presses
- Complete production lines
- Decoiling, recoiling and pre-leveling equipment
- Mechanical and electrical retrofits of SOENEN machines and other suppliers as well.



From single press...

High speed presses up to 800 strokes per minute, combined with extremely high feeding accuracies, result in high volume outputs and perfectly perforated sheets. The machines are designed and built in such a way that components do not suffer from high-frequency vibrations, inherent to the perforating job.

Basic Press Specifications

Material	Mild Steel, Steel, Stainless steel, Galvanized steel, Aluminum
Material processing	Coil to Coil / Coil to sheet / Sheet to sheet
Coil width (mm)	200 - 2000
Coil thickness (mm)	0,3 - 6
Press Force (T)	20 - 600
Speed (SPM)	100 - 800
Hole diameter (mm)	0,5 - 25
Number of rows in tooling	1 up to 12
Feeding accuracy (mm)	± 0,02



up to complete production lines.

SOENEN perforating equipment is tailored upon our customer's requirements. From simple, modular concepts with manual adjustments up to fully automated and high capacity production lines for those who prefer to stay one step ahead.

SOENEN fully understands individual customer requirements as no other! Therefore each single press can be equipped with a variety of options for increased performance, product quality or overall machine usability.

Those optional items include manual or automatic plate guides, single or multiple stroke, tooling programming, movable stripper with active plate holder, automatic tool change, equilibration of the mass forces, type of lubrication system... and many more!

Complete production lines - E.g. for the production of ceiling tiles - include units for decolling, pre-leveling, straightening, trimming, slitting, notching and automatic stacking.



Control Technology

Design of HMI, parameter software and fault diagnostics by SOENEN automation department. BECKHOFF - New Automation Technology guarantees high quality components and worldwide availability.

SOENEN perforating presses are equipped with a digital controlled feeding unit for achieving the highest accuracies which result in perforated products of supreme quality.

The PerEditor software for automatic generation of tool and product libraries is integrated in the HMI and 2D simulation is included in the package. The PerEditor software can be installed on the plant network for easy job preparations.

HMI, PerEditor and diagnostics in the customer's preferred language.

