



YOUR PARTNER IN CORE BUSINESS





More than 30 years experience in equipment for transformer core manufacturing – SOENEN is considered to be one of the leading suppliers in machinery for the electric industry.

- Slitting lines for Grain Oriented Silicon Steel.
- Cutting and stacking lines for distribution and power transformer cores.
- Stacking tables for efficient core assembly.

A brilliant market position...

SOENEN production lines state the highest standards involving quality, accuracy and performance against very competitive prices due to outsourcing of mechanical parts in Serbia.

SOENEN customers invest in quality and line capacity in order to cut huge volumes of supreme product quality. But – our customers invest their resources wisely – and are therefore concerned about controlling their production costs because this is directly reflected into their turnover and profit.





For an important part of the production process we rely on our subsidiary ASSEMA but nevertheless – all SOENEN lines – are designed, assembled, automated and pre-accepted in Belgium by a team of utmost trained experts.



ASSEMA – Our subsidiary in Serbia.

ASSEMA stands for 'Associated Serbian Manufacturers' and was launched in 2005 as a fully owned subsidiary.

ASSEMA organizes the supply of mechanical components and sub-assemblies for the SOENEN transformer division. Production is done by a dedicated group of manufacturers near Kragujevac, Serbia. ASSEMA is managing the complete process from CAD drawing inspection and supplier selection up to quality control, logistics and custom clearance.

Our suppliers are thoroughly evaluated before orders are being outsourced and selection is based upon their infrastructure for mechanical parts manufacturing. All of them having invested in advanced, high precision manufacturing systems.



Slitting Lines

SOENEN slitting lines for Grain Oriented Silicon Steel ensure a slitting process with the highest standards involving burr values and width accuracy. Carbide knives are used to achieve the highest slitting quality that is required for Grain Oriented Silicon Steel.

Material	GOSS / NOSS
Coil weight (T)	2 – 12
Coil width (mm)	250 – 1300
Material thickness (mm)	0,23 – 0,65
Line speed (m/min)	250
Precision on width (mm)	+/- 0,05



Cutting and Stacking Lines

SOENEN core cutting lines are tailored upon our customer's requirements. From simple, modular concepts for economic core production up to high capacity lines for those who want to stay one step ahead.

Our lines can be equipped with one or two V-notches, single or double tip cutting units, 1 up to 4 hole punching units and slot punching units. SOENEN lines are always equipped with a fixed shears concept because this guarantees a higher output and lower maintenance cost than a swinging shear

SOENEN provides his customers with a wide range of stacking systems, each of them having their own efficiency and accuracy. From simple leg/yoke stacking on an inclined table up to sequential stacking on pins and E-stacking concepts. Sequential stacking is available for all our line types, although, pin stacking is limited up to TRL400 – being distribution transformers.



concept. All cutting units are driven by servomotors over eccentrics resulting in the shortest possible cutting times.

SOENEN high capacity lines are realized by movable cutting units in order to reduce the number of stops. Line capacity for TRL250 up to 180 sheets per minute, for TRL400 up to 160 sheets per minute!

Line Type	Width range (mm)	Max. Length (mm)
TRL250	40 - 250	1350
TRL400	40 - 440	2500
TRL600	60 - 660	3500
TRL800	80 - 880	4000
TRL1000	100 - 1020	5000





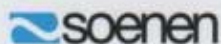
Control Technology

Design of HMI, parameter software and fault diagnostics by SOENEN automation department.

A partnership with Beckhoff guarantees high quality components and worldwide availability.

บริษัท ตัน แอนด์ ซันส์ จำกัด
TAN & SONS CORPORATION LIMITED

2117 หมู่ 4 ซอยศรีบุญเรือง 2 ถนนเทพารักษ์ ตำบลเทพารักษ์
อำเภอเมืองสมุทรปราการ 10270
2117 Moo 4 SRIBOONRUENG SOI 2, THEPHARAK ROAD
T. THEPHARAK A. MUENG SAMUTPRAKARN 10270
Telephone: (66) 0-2384-3848, 0-2758-1974
Telefax: (66) 0-2384-3690, 0-2758-1978
Email: tanandsons@tanandsons.com
URL: www.tanandsons.com



SOENEN INTERNATIONAL NV

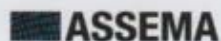
Wijnendalestraat 190,
8800 Roeselare,
BELGIUM

tel: +32 (0)51 26 27 28
fax: +32 (0)51 22 79 94
mail: info@soenen.com
web: www.soenen.com

SOENEN BEIJING TECHNOLOGY CO., Ltd

Jingtai Tower, room 1701,
24 Jianguomen Wai Street,
Chaoyang District,
Beijing

tel: +86 106 51 56 538
fax: +86 106 51 56 539
mail: soenenbj@sw.com.cn



ASSEMA d.o.o.

Miloja Pavlovica 9/9b,
34000 Kragujevac,
SERBIA

tel: +381 (0)34 500 086
fax: +381 (0)34 338 006
mail: info@assema-machines.com
web: www.assema-machines.com

