



PS710 POWERMAN
- POTENT QUALITY ASSURANCE

ELPRESS[®]

POWERFUL SYSTEMS

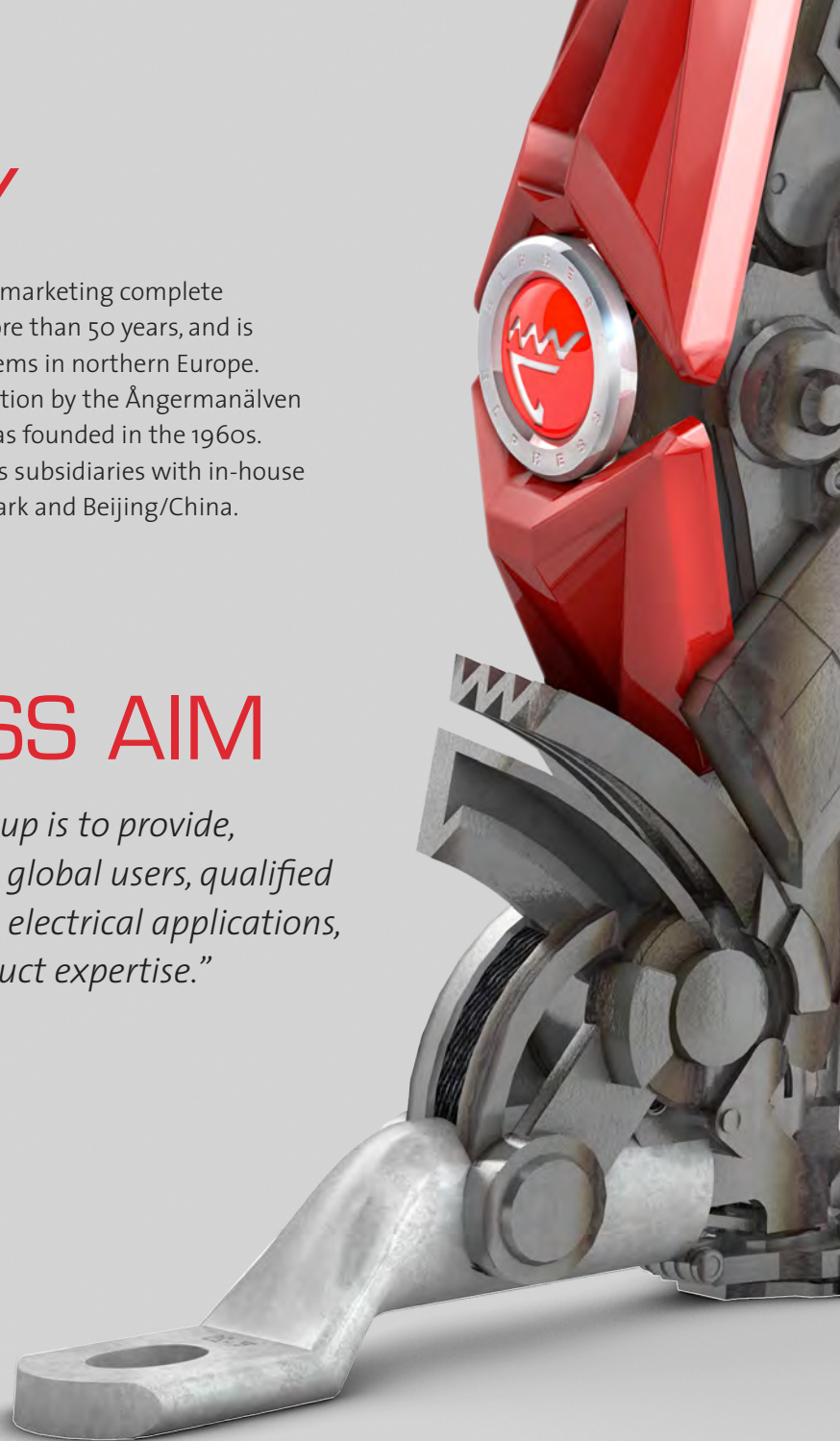


OUR HISTORY

Elpress has been developing, manufacturing and marketing complete crimping systems for electrical connectors for more than 50 years, and is today one of largest manufacturers of these systems in northern Europe. The head office and factory are in a stunning location by the Ångermanälven river in Kramfors, Sweden, where the company was founded in the 1960s. Elpress is owned by Lagercrantz Group AB and has subsidiaries with in-house inventories in Viersen/Germany, Silkeborg/Denmark and Beijing/China.

OUR BUSINESS AIM

“The business aim of the Elpress Group is to provide, primarily to professional Nordic and global users, qualified material and knowledge concerning electrical applications, with a high level of service and product expertise.”





“We use Elpress system tools because of their excellent operational reliability, high quality and good service. All of our customers require that their tools are certified, which Elpress can provide.”

Hans Jonsson, Supervisor, Goodtech Sundsvall



OUR PRODUCTS



System Elpress consists of connectors and tools that have been tested together to guarantee optimal performance. This ensures that you as a user will feel confident when using our systems, and that a safe connection is achieved through the proper handling of our products.

Our products are available for all kinds of applications where electricity is conducted, and the word connection describes exactly what our products do, namely they connect power sources to each other.

The smallest connectors we make are used in, for example, motors, fans, ovens, batteries, and the slightly larger models in switchgear power plants, wind turbines, signal boxes for trains, transformers and more. In order to splice a conductor that is suspended in the air at a power-line track, you use special overhead line connectors that are available from our product range. The Elpress range for earthing is used if your facility needs deep earthing, such as a radio base station.

MANUFACTURING AND DEVELOPMENT

All the products you buy from Elpress are manufactured to very high quality standards, and production for the most part takes place at our own factory in Kramfors. Investments in new technology and equipment means we are effective, flexible and can respond quickly. As a result we can meet your requirements for delivery capacity for standard products, special adaptations and even for new innovations.

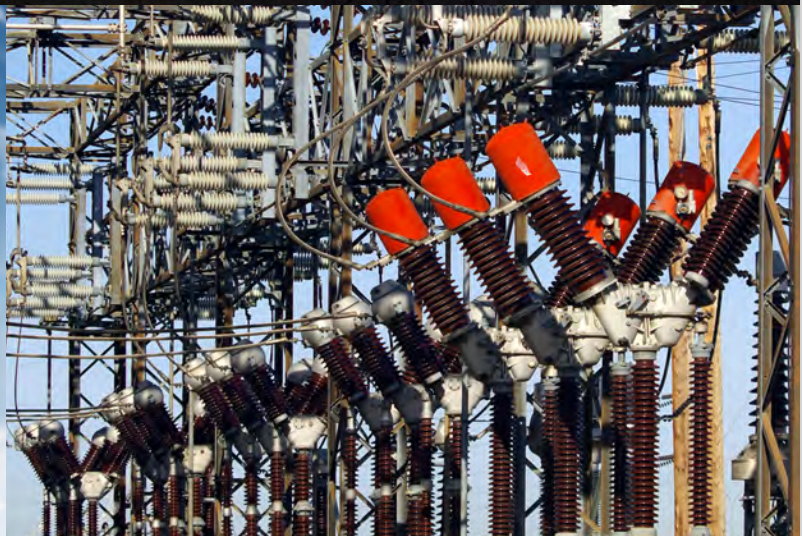
Quality for us means constantly endeavouring to be the best in the industry. We are therefore continually developing our products, processes and ourselves as we believe knowledge is perhaps the most important component for achieving the highest quality.

Elpress has in-house resources for research and development, and our technicians are focused on developing new solutions for connection configurations. At our modern testing laboratory, we perform tests according to internationally recognised standards such as IEC, but also to the customer's specific requirements.



“Elpress provides a highly practical system for us as a constructor of network stations. We have been trained by Elpress on how to use their products and their systems to best suit our needs.”

Håkan Blixt, Manager at Blixt Kraftmontage AB



OUR CUSTOMERS

Our products are marketed in over 50 countries, and we are the market leader in Scandinavia. In Sweden, we have sales staff at a number of locations with extensive experience in the field of electricity, and we have representatives in our neighbouring countries of Finland and Norway. In Denmark, Germany and China sales are conducted through our subsidiaries in Silkeborg, Viersen and Beijing.

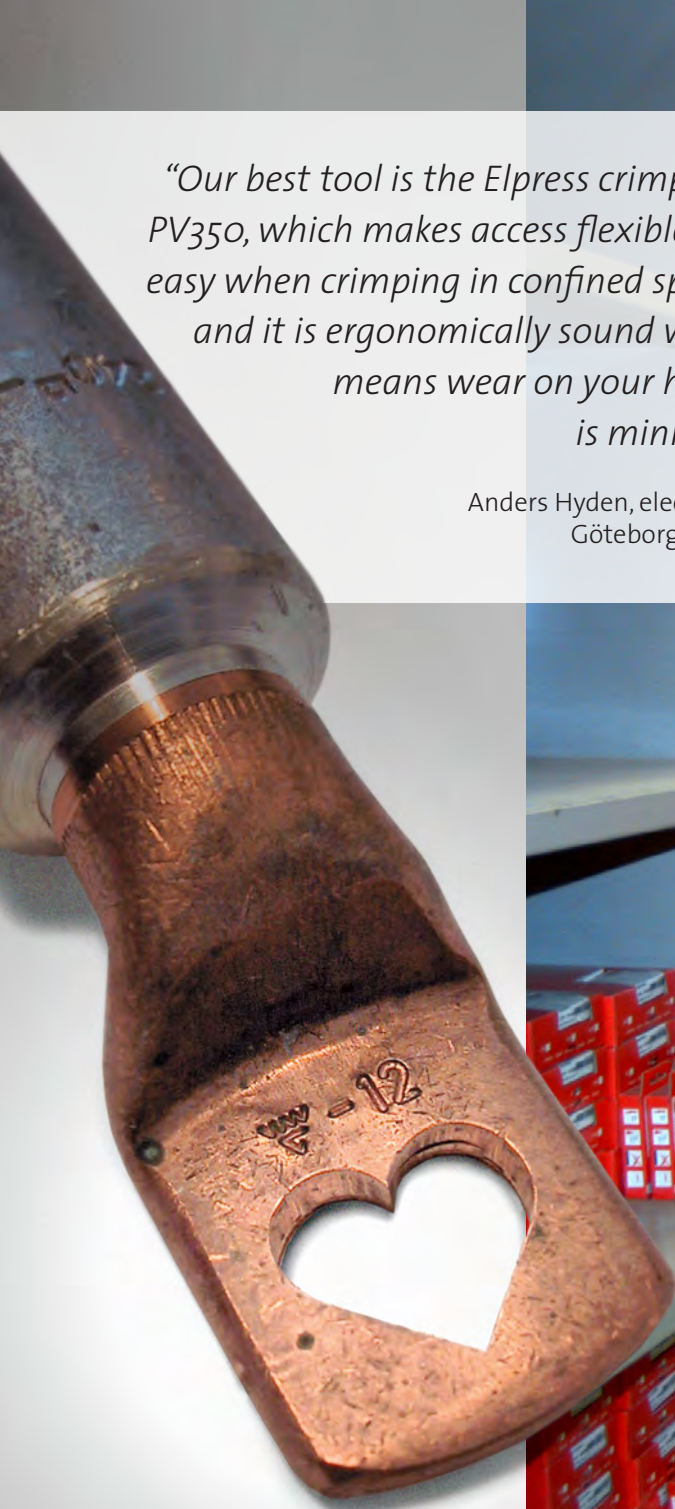
In the Nordic market, we sell our products primarily through wholesalers to power companies, installers and the electric plant industry as well as some direct sales to industrial customers. In the global market, we sell directly to industrial customers, primarily in our four segments, Electrical machines, Traction, Renewable Energy and Automotive. Other markets around the world are supplied through a network of qualified resellers and distributors.

OUR SUPPORT

Many customers need technical, highly qualified advice. Consequently, Elpress has a customer support facility to handle queries concerning the recommended tool solutions, problem solving and more. For more demanding investigations, Elpress also has a special consultant group to assist you with lab tests, electric cycle tests, short circuit tests, tensile tests, and environmental and corrosion tests. We can offer you qualified after-sales support and service for our products through our service department. We also provide services such as maintenance, calibration, rental and training.

We have authorised service partners in a number of locations to which you can turn to for service and maintenance for our products.





“Our best tool is the Elpress crimp gun PV350, which makes access flexible and easy when crimping in confined spaces, and it is ergonomically sound which means wear on your hands is minimal.”

Anders Hyden, electrician
Göteborg Energi



QUALITY AND THE ENVIRONMENT

Our processes, workplaces and work methods shall be structured and adapted so that activities can be implemented with minimum impact on the environment and ensuring the prevention of injury and ill-health to people.

Our suppliers and clients shall be influenced and selected on the basis that they will contribute to the realisation of our environmental policy.

We are certified to ISO14001 and ISO9001.
Parts of our product range are UL and DNV approved.



SYSTEM ELPRESS

System Elpress symbolizes our **cornerstones** – safety and quality. In order to achieve a secure connection we offer **certified solutions** of the combination cable, terminal and tool.

For the installation to be accurate, the installer should undergo training in crimping technology at **Elpress Academy**.



For non-standard solutions you can **consult** us and let our own production and laboratory verify your solution. A preventive **service** maintenance of the tool is the base for the system to work.

Certification, Academy, Consulting and Service is System Elpress – your secure connection!

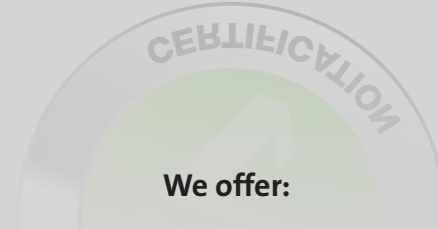


Certified Tool
EIPRESS

GSA0760
miniforce
Made in Sweden
V058400910069

*We manufacture tested systems for electrical connectors
and their tools. You get a secure connection*

SYSTEM ELPRESS CERTIFICATION



We offer:

Tool delivered with a certificate

Verified and tested combination of cable, terminal and tool

Certified solutions for customized product development

Product approval in accordance with UL, DNV and CSA

Third part quality and environment certification in accordance with ISO9001 and ISO14001



In order to achieve a secure connection we offer certified solutions of the combination cable, terminal and tool.

This is so that you as customer can feel secure when you use our system and be sure that a safe connection will be made when our products are used correctly.

FOR YOUR SAFETY

The System includes:

- Terminal, connector
- Crimping tool
- Correct cable
- Trained and skilled operator

The system is developed and tested in accordance with existing norms and standards, for example IEC.

Product development

- Customized solutions
- Specialized segment solutions
- Leading technology in our industry
- Innovative products





**Quality & environment certified
and approved according to**

- ISO 14001
- ISO 9001
- DNV
- UL





*We have the necessary resources for you
to maintain the highest quality*

SYSTEM ELPRESS CONSULTING



We offer:

- Tests in laboratory
- Problem solving
- Technical and customer support
- Customized terminals and tools
- Audits and validations at your premises



WHY CONSULT US?

We have been developing, manufacturing and marketing complete cable crimping systems for electrical connectors with more than 50 years of experience. We have therefore the best knowledge and equipment for your requirements and demands.

You will have access to:

- Our technical department that develops constructions according to your needs.
- Our production who can manufacture unique solutions.
- Our laboratory who can supply for example
 - Electrical tests
 - Mechanical tests
 - Corrosion- and environmental tests

Contact us and let us assist you.







*Your educated personnel ensures the final quality of products and services.
Our Academy certificate is a quality document between you and your customer*

SYSTEM ELPRESS ACADEMY



We focus on the following four areas:

- Utility sector and installers
- Transformer manufacturers
- Traction/Train manufacturers
- Wind Power manufacturers



WHO AND HOW DO WE EDUCATE?

Utility and installation personnel

Level 1

General training for all staff. Provides a general knowledge of crimping in all areas;

- Terminals below 10 mm²
- Bolt connections
- Cu-connectors over 10 mm²
- Deep earthing
- Al-connectors from 16 mm²
- Standards and requirement
- Cu-branching
- Safety and maintenance

The program combines theory and practice and concludes with a written test. Course participants will receive certificate after completed education.

Level 2

Education aimed primarily at supervisors, engineers, designers and quality departments. Provides a deeper knowledge of the crimping and maintenance routines. After completed training, the competence is indicated with a certificate.

Transformer manufacturers

Level 1

For operators who work daily in the production. The aim is to train personnel in the special conditions applying in the transformer manufacturing. The education concerns;

- Management of tools
- Quality inspection
- Calculations and preparation for crimping
- Safety in use
- Work procedure
- Preventive maintenance in daily production

The training consists of a theoretical and a practical part and ends with a written test. Course participants will receive certificate after completed education.

Level 2

Education aimed primarily at supervisors, designers and quality departments. Provides a thorough knowledge of calculations, tool selection and management, problems and solutions and quality assessment. Completed training gives a certified authorization in the field.

A follow-up of the certificates is necessary



Each training has two levels: a basic education for all staff, and a training targeted at designers, supervisors and quality controllers. It is also possible to adjust the training so the content fits the needs of the company. You can also decide whether the training should be at your premises or held in Elpress' training facility.

Traction/Train manufacturers

Level 1

Educate staff in the special demands and external conditions that apply in the manufacture of rail traffic. The education concerns;

- Management of tools
- Work procedure
- Elpress Dual-technology
- Quality control
- Safety in use
- Preventive maintenance in daily production

The training consists of a theoretical and a practical part and ends with a written test. Course participants will receive certificate after completed education.

Level 2

Education aimed primarily at supervisors, designers and quality departments. Provides a thorough knowledge of the selection of tools and management, problems and solutions and quality assessment. Completed training gives a certified authorization in the field.

Wind Power manufacturers

Level 1

Educate staff in the special demands and external conditions that apply in the manufacture of wind turbines. The education concerns;

- Management of tools
- Work procedure
- Elpress Dual-technology
- Quality inspection
- Safety in use
- Preventive maintenance in daily production

The training consists of a theoretical and a practical part and ends with a written test. Course participants will receive certificate after completed education.

Level 2

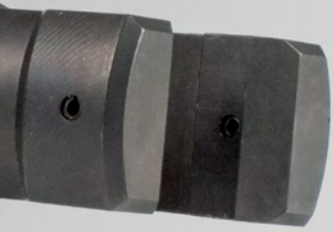
Education aimed primarily at supervisors, engineers and designers and quality departments. Provides a thorough knowledge of the selection of tools and management, problems and solutions and quality assessment. Completed training gives a certified authorization in the field.

A follow-up of the certificates is necessary



*Preventive maintenance agreements
secure the quality of your connection*

SYSTEM ELPRESS SERVICE



We offer:

- Preventive maintenance agreements
- Calibration of certified tools
- Repairs/maintenance of tools
- Crimping systems for rent
- Sales of spare parts



WHAT IS THE BEST SOLUTION

Preventive maintenance agreements

Our Service offers you a flexible solution for enhanced security, with rapid service and high availability:

- Planned and preventive maintenance guarantees high performance for your equipment.
- Regular service intervals minimize the risk of unforeseen stoppages by indicating any safety or functional defects and by recommending measures to avoid such problems.
- Regular service intervals are normally implemented every 12 months at a fixed price.
- The price is based on the service level solution and equipment.
- A certificate is issued after the equipment has complied with calibration requirements.
- The maintenance can be performed at your premises.

Elpress Basic

Elpress Basic service agreement includes following points:

- Preventive maintenance, calibration with certification.
- General inspection of the tool
- Safety aspects in accordance with declaration of conformity (Compliance with Machine Safety Directive, Low Voltage Directive, EMC Directive)
- Function test
- Checking of accessories, e.g. crimp dies etc.
- Issue of Certificate

The inspection follows Elpress final inspection and acceptance inspection requirements.



FOR YOU?

Elpress Advance

Elpress Advance service agreement includes following points:

- Elpress Basic + corrective maintenance

Includes the Calibration/certification and wear & tear repairs at a fixed price.

Calibration of certified tool

The calibration follows the same inspection points and requirements as Elpress Basic, but it is the customer's responsibility to send the tool for calibration.

Purchased a new product?

Send the Product registration form to Elpress and Elpress Basic is included for free the first year.



Elpress has been developing, manufacturing and marketing complete crimping systems for electrical connectors for more than 50 years.

The Elpress Group consists of the Elpress and ABIKO brands and is owned by Lagercrantz Group AB. The Elpress headquarters and factory are located in Kramfors, Sweden.

Subsidiaries are Elpress GmbH, Elpress A/S and Elpress (Beijing) Ltd. with warehouses in Viersen/Germany, Silkeborg/Denmark and Beijing/China.

ELPRESS[®]

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