

 **EIPRESS**
NEWS

MultiCrimp

UNIQUE SYSTEM FOR CRIMPING ALUMINIUM
IN THE V1300 SYSTEM.

PAGE 2



**– SYMBOLISES
SAFETY AND QUALITY**

《 PRODUCT NEWS 》

Elpress MultiCrimp

Ensures that the operator performs the task correctly

Unique system for crimping aluminium in the V1300 system. The system is designed for low voltage applications (1 kV) and is adapted for ground-covered cable. The number of punches and matrixes has been decreased from the previous 21 (including pre-rounding) to 3 punches and 3 matrixes for indent crimping both round and sector shaped Al conductors of 50-240 mm².

Properties:

- complete splice kits with insulation for areas, 50-240 mm²
- multiple area sizes can be crimped with 3 different sleeves
- safe traceability with punch embossing on the sleeve
- reduced number of punches and matrixes, from 21 to 6
- reduced number of terminals, from 7 to 3 (50-240 mm²)
- round and sector-shaped conductors in the same receptacle (without the need for pre-rounding conductors)



《 PRODUCT CHANGES 》



PEB0110T



PEB0110T18

Elpress optimises their product range

Elpress's new end sleeve tool, PEB0110T18, is designed with high quality and user ergonomics in mind. With a low gripping force and with the well-proven 2-component handle, excellent grip comfort is achieved.

Like the other tools in the PEB series, the tool is well-balanced in hand and has a high-friction grip that makes it possible to use a bench as support for example. PEB0110T18 is ideal for crimping longer sleeves as it is capable of crimping end sleeves up to 18 mm in length in a single crimp. PEB0110T can crimp end sleeves up to 12 mm in length and through the rotatable dies the user gains greater flexibility as both front and side feeding can be done with one single tool. End sleeve tool, EEB0160, has been withdrawn and replaced by new tool, PEB0110T18, and existing tool, PEB0110T. PEB0110T18 and PEB0110T can crimp end sleeves from 0.14 to 10 mm², compared to EEB0160 that handled end sleeves between 0.14 and 6 mm².

Read more about product changes on our website.



KRTS withdrawn – replaced by KRFS

Elpress tube terminals KRTS withdrawn after February 2020 and replaced by KRFS.





"FULLY CUSTOMISED JUST FOR US"

Technical know-how, production efficiency and global presence were key factors in assisting Imenco with their assignment.

"Despite short lead times, Elpress was able to develop a customised solution that we are completely satisfied with," says Pontus Ekstam, project manager at Imenco.

At the WindEurope Offshore fair in Copenhagen in December, Pontus Ekstam headed straight to the Elpress stand. The Norwegian engineering company Imenco is renowned for a variety of underwater projects and is globally known as one of the most important players in underwater cameras. On Pontus' desk lay an order from a customer for which they had been unable to find an in-house solution.

"We urgently needed to find a partner to develop a special solution for a large offshore project in northern Europe," he explains.

Pontus had previously been in contact with Elpress through Imenco's own brand, Imenco Corrosion Technology,

» **We urgently needed to find a partner to develop a special solution for a large offshore project in northern Europe** «

and was familiar with the Consulting part of System Elpress, dealing with customised solutions for electrical terminals.

"In addition to supplying terminals and crimping tools, we can also offer complete solutions in the form of extended flexible terminals, such as slacks, that facilitate and make things more efficient for the customer. This was the kind of solution Pontus requested when we met in Copenhagen – an extended terminal for underwater installation – and Elpress was able to

give Imenco the opportunity to produce a large volume of its finished product in China within a month," says Sven Behring, Product Manager Global Segment at Elpress.

Pontus Ekstam travelled back to Norway where Imenco is based.

"I had already understood at the fair that Sven and his colleagues had a good sense of what we needed and the rest could be easily resolved over the phone, from our respective offices," Pontus explains.

Blissfully unaware of the Corona pandemic that would soon close China's borders, sights were set on getting the volumes of the finished product out of China before the Chinese New Year.

"In the end, Elpress helped us to deliver the right solution at the right time. Above all, I am pleased that we have found a really good partner for this type of customised solution in Elpress. I am convinced that we will have many more opportunities to work together in the future," says Pontus Ekstam. ■

IT IS THANKS TO OUR STAFF THAT ELPRESS CAN DELIVER HIGH QUALITY

Elpress has been ISO 9001 certified since 1992.

"The focus is to constantly develop ourselves and our quality methods in order to meet and exceed the expectations of our customers," says Tobias Norlin, Quality and Environmental Manager at Elpress.

The ISO9001 certification is an acknowledgement of Elpress's systematic work and an accepted basic requirement in the industry.

"Quality work is always ongoing and it is important not to become complacent and take your eye off the ball," says Tobias Norlin, emphasising the desire to develop methods where each individual employee is important. Furthermore, stable processes with clear flows are key factors in quality work.

Over the years he has been involved in developing quality methods within Elpress where communication is everything.

"When we work with quality improvements or handle a deviation, it ultimately means that we create value for the customer. Whether it be our work or that of a supplier, it is important that we are all involved and find long-term solutions together, to best meet our end customers' expectations. Good dialogue is an important prerequisite for developing Elpress quality work, he explains.

Daniel Tosin, a quality engineer at Elpress, describes what this work looks like in practice.

"One of the quality methods we work with is the 8D principle, which includes rootcause analysis with corrective and preventive measures. An effective method we use to find a root cause is the five whys method, which, as it sounds, is about asking the question why five times. When we get to question five, we have got to the bottom of the problem," says Daniel Tosin.

The aim is to find the right solution in order that the cause of the fault does not occur again, so that there will be a permanent improvement of the process.

Of course, Elpress also works strategically to develop different methods to effectively eliminate risks in each process.

"In the risk analysis, we take what can go wrong into account before the fault happens, while looking at what measures can be taken in each process," explains Tobias Norlin.

Awareness of high quality among all Elpress staff is the single most important factor for Elpress high quality," Daniel and Tobias believe.

"It is thanks to our staff that we can deliver the high quality that has become synonymous with the Elpress brand," continues Tobias.

In addition to preventive quality work, final quality control checks on the finished product are an important part of Elpress's work.

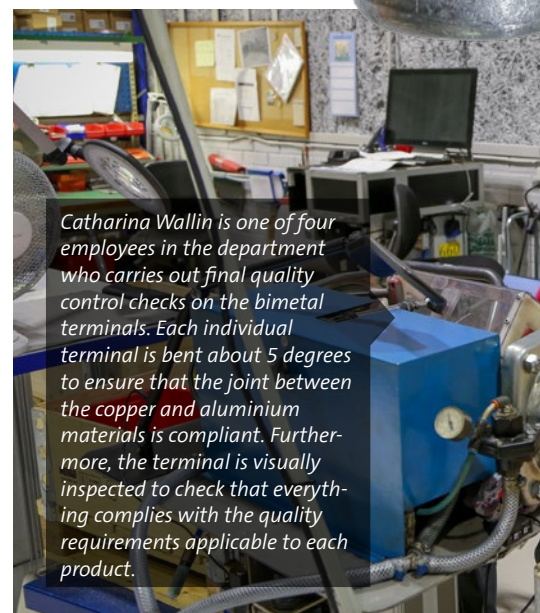
Catharina Wallin is one of four employees in the department who carries out final quality control checks on the bimetal terminals. Here, each individual terminal is bend tested approximately five degrees to ensure that the joint between the copper and aluminium materials is compliant. Furthermore, the terminal is visually inspected and a check is made that everything complies with the quality requirements applicable to each product.

"Our job is carried out with the utmost accuracy, our quality control work is an important link in the chain to our customers," says Catharina Wallin. ■

A punched E indicates and gives reassurance to the customer that the product has undergone Elpress quality control checks.



Daniel Tosin, Elpress Quality Engineer.



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Tobias Norlin, Quality and Environmental Manager at Elpress.



On the safe side

Elpress recommends that its customers regularly send in crimping tools and dies for service and calibration. There is also a benefit to registering their tool on the Elpress website.

Roger Andersson, service manager at Elpress, can only see benefits in annual servicing and calibration of crimping tools and dies. This applies to everything from the Miniforce hand tools to PS710 pumps and crimp heads.

"When we calibrate a crimping tool, the customer receives a calibration certificate. For example, if the operator has carried out a job on switchgear and a fire or malfunction occurs afterwards, this certificate indicates that approved tools and dies have been used. If everything else has been done correctly, you are covered in the event of a dispute. Calibration certificates are valid for one year" Roger says.

Whether your tool is rarely or frequently used, an annual service is a good idea, he believes. If the tools are used frequently, you may need to have them calibrated twice a year. This entails the operator being careful and diligent with his/her tools and sending them in if they leak or have other faults.

"The service includes replacement of consumables such as oil and seals, which dry out regardless of whether you use your tool a lot or a little. It is all about being on the safe side. Servicing is part of System Elpress and is thus a prerequisite for a safe terminal," says Roger.

You will receive a notification in the dis-



Elpress service department has recently received new workstations with improved lighting.

play of the PVX1300/PVX611 when it is time for a service.

On the older PVL1300/PVL611 models, an LED light indicates time for service.

"Another way is to register your tool on our website. ●

In addition, anyone who registers their tool will have the warranty extended by one year, this applies to handheld hydraulic tools, for example PVX1300/PVX611. In practice therefore, it is a question of extending the service life of the tool," Roger continues.

Elpress currently has service partners in Germany, England, USA, Norway and Finland, as well as in India and Australia. In addition, through subsidiaries, in China.

"We are constantly on the look out for new talented service partners and we are currently looking for a suitable candidate in South America," says Roger. ■





Technology Manager Peter Larsson
with personnel from the Technology
Department.

EFFORT TO **MAINTAIN THE POSITION** WITHIN CONTACT TECHNOLOGY

When Peter Larsson stepped into the role of Technology Manager at Elpress last summer, he had been with the company for twenty years.

"In many workplaces it might be considered a very long time, but at Elpress wanting to stay at the company is the rule rather than the exception," he says.

With leadership, as is well known, comes staff responsibilities, and as technology manager at Elpress, staffing is a critical issue and something that occupies a great deal of Peter Larsson's time.

"It is a testament to Elpress that so many employees choose to stay here for a long time, but at the same time we currently have a fairly high average age and we are facing a generational change, which requires us to invest in maintaining our position in the field of contact technology," says Peter.

In addition to the collaboration with Höga Kusten Industrigrupp (HKIG), where the region's leading technology companies collaborate on competence provision, research and development, Elpress has also developed its own Trainee program.

» **It is a testament to Elpress that so many employees choose to stay here for a long time** «

"These are positions we advertise among our own employees, an opportunity to pursue a career internally. In other words, we get an applicant who already knows the core business, who wants to develop and feels ready to advance within the company. These are people we already know and many of them are also born and raised in the region, which we consider

to be an important factor in determining how long an employee stays at Elpress. If you hire externally, the challenges are different, it is then about getting people to stay," states Peter.

Over the years, the ambitious trainee program has become very popular internally.

"This type of recruitment has proven to be a good investment in terms of time and money. In the future, people may appreciate operations that are outside the metropolitan areas to a greater extent, but up until now we can clearly see that those who stay are those who are from the area," says Peter.

"Of course, we also see the advantages of the many newly arrived Swedes who contact us and have recently hired a person from Sudan. ■

Easier and safer crimping

Ergonomically, there is a big difference between crimping manually and crimping with a battery-powered tool, as Marius Klys at Legalett can attest.

"In addition, we feel that we are doing a better and safer job with the PVL130S crimping tool than with the tools we have used previously," he says.

Anna Johansson works as a sales trainee at the electricity wholesale company Rexel. On a regular customer visit to Legalett Byggsystem AB, she saw the need for a better crimping solution.

"We called Jonas Gustafson, who is a sales representative at Elpress. He suggested that our customer should have a demonstration of the battery-powered tool PVL130S and then test it in peace and quiet before deciding whether or not to buy the tool," says Anna.

Legalett is a turnkey supplier of basic systems, wall systems, joists and underfloor heating systems – for all types of buildings. Marius Klys is the Production Manager for underfloor heating there and he was well aware of the need and thought it was an excellent idea.

"We had been looking for a better solution for some time. Manual crimping involves an ergonomic load on wrists and for our part we perform quite a few crimps every day," says Marius.



Anna Johansson, Rexel and Marius Klys at Legalett Byggsystem try out the PVL130S crimping tool.

The difference soon had both him and other employees convinced.

"We are very pleased with the PVL130S tools we have now purchased. Just the

other day I actually checked in with the staff using the new crimping tool and asked them how it felt and everyone was very happy," he says. ■



CAPACITY INCREASE FOR PRODUCTION OF BIMETALLIC PRODUCTS

The work on the increase in production is divided into two stages; stage one has been implemented since week five and now stage two is being worked on.

The investment consists of a robot that loads a lathe that removes the weld joint and performs the final finish on bimetal products consisting of copper and aluminium, which have been welded together. In stage two, the large welder is moved together with the new lathe and robot, as well as a device of our own manufacture for input and planing, wherein the cell becomes complete.

The image shows the technicians who installed the device, Roland Brån, Ravema, Philip Boström and Dennis Wikberg of IRS-Robotservice with Elpress Production Manager Torbjörn Norell (left).

MORE INVESTMENT IN PRODUCTION

Elpress continuously works on developing production machinery. Machining methods, computing power and tool changes are constantly being developed to be able to maintain high quality of our products and be efficient in our manufacturing process. We are now replacing one of our machine tools with a new one from Mazak. The new machine will be used for the manufacture of our tooling systems, e.g. dies, punches and matrices. The investment also enables us to ensure continuous production, reduce the risk of machine problems and thus continue to keep short delivery times to our customers.



COMPETITION

Answer our 3 questions correctly and get the chance to win a rechargeable lighter. A lighter will be awarded to 3 winners chosen from those who answer correctly.

QUESTIONS

1. When did Elpress become ISO 9001 certified?

- 1. 1962
- X. 1992
- 2. 2002

2. What's the name of the service manager at Elpress?

- 1. Roger Andersson
- X. Tobias Norlin
- 2. Daniel Tosin

3. Which crimping tool has the company Legalett Byggsystem AB recently bought from Elpress and was very pleased with its ergonomics, among other things?

- 1. PVL130S
- X. PVL130P
- 2. PVL130L



Send your answers by 15/5 to:

ELPRESS AB, Box 186, SE-872 24 Kramfors, Sweden.

or by email to: jeanette.ronnberg@elpress.se.

The correct answers and winners will be announced on our website www.elpress.se on 20/5.

STAFF NEWS



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DID YOU KNOW THAT....

Elpress
sells more than
50,000,000
terminals per year
and supplies
more than
100,000
order lines