



**INNOVATION  
IS OUR  
TRADITION**



## WHAT WE DO ?

ALO has a long tradition of innovation. When our great-grandfather, Anders Lind, invented his first setting machine for saw blades in 1938, he was far ahead of his time, and his invention became the first step in creating ALO. Today, ALO is still family-owned, and the new generation has kept the tradition to be innovative as the guiding principle for our daily work.



Expertise – Passion – Automation

# SMC Automation

## Din Automationspartner

+46 (0)8-603 12 40

[www.smc.nu](http://www.smc.nu)

[order@smc.nu](mailto:order@smc.nu)

# TRADITION IN INNOVATION

Our mission is to develop, manufacture, market, and service machine systems for the worldwide saw blade industry. Are you already our customer? Then, we hope to intensify our co-operation. If not, we will be happy to become your supplier!

## A GLOBAL MACHINE SUPPLIER WITH HIGH AVAILABILITY

As a global leader for machines for the saw blade manufacturing industry, ALO has delivered more than 2,000 machines to over 50 different countries throughout the world.

Our cutting-edge expertise in electronics, mechatronics, and software development, combined with an innovative mindset and a solid commitment to deliver customer value by enhancing our customers' profitability, have produced many long-lasting customer relations. Today, most of the saw and steel rule manufacturers around the world use our systems. We are always ready to support you with immediate response – wherever you are. Thanks to digitization and remote access we can always be quick to help whenever you need it.

We look forward to continuing ahead together with you!

/Mattias Snitt, CEO



**Mattsons**  
BYGG & JÄRN



**MATTSONS BYGG & JÄRN**  
Tingsnäs vägen 17, 792 32 Mora  
0250-100 61 • info@mattsonsbygg.se  
www.mattsonsbygg.se

**QTECH GROUP**



[www.qtechgroup.se](http://www.qtechgroup.se)



## LÅNG ERFARENHET

Vi är ett väletablerat Ventilations & Serviceföretag med över 30 års erfarenhet. Idag utför vi alla vanligt förekommande ventilations- och luftarbeten tjänster vid nyproduktion, ombyggnader och service. Mora Siljan Ventilation AB hjälper företag och fastighetsägare i Dalarna med utgångspunkt från Mora.

[www.msvent.se](http://www.msvent.se)



# SHAPING THE FUTURE OF THE SAW BLADE INDUSTRY

We constantly seek new and creative solutions, product designs, systems, support systems, and business processes. We continuously invest to keeping ahead and leading the industry's development, and to being able to help our customers reach an even higher level of consistency and quality of saw products.

By knowing the market, we are able to develop it. Using intelligent solutions and utilizing components to their fullest capacity, we create ease-of-use for operators and cost-efficiency.

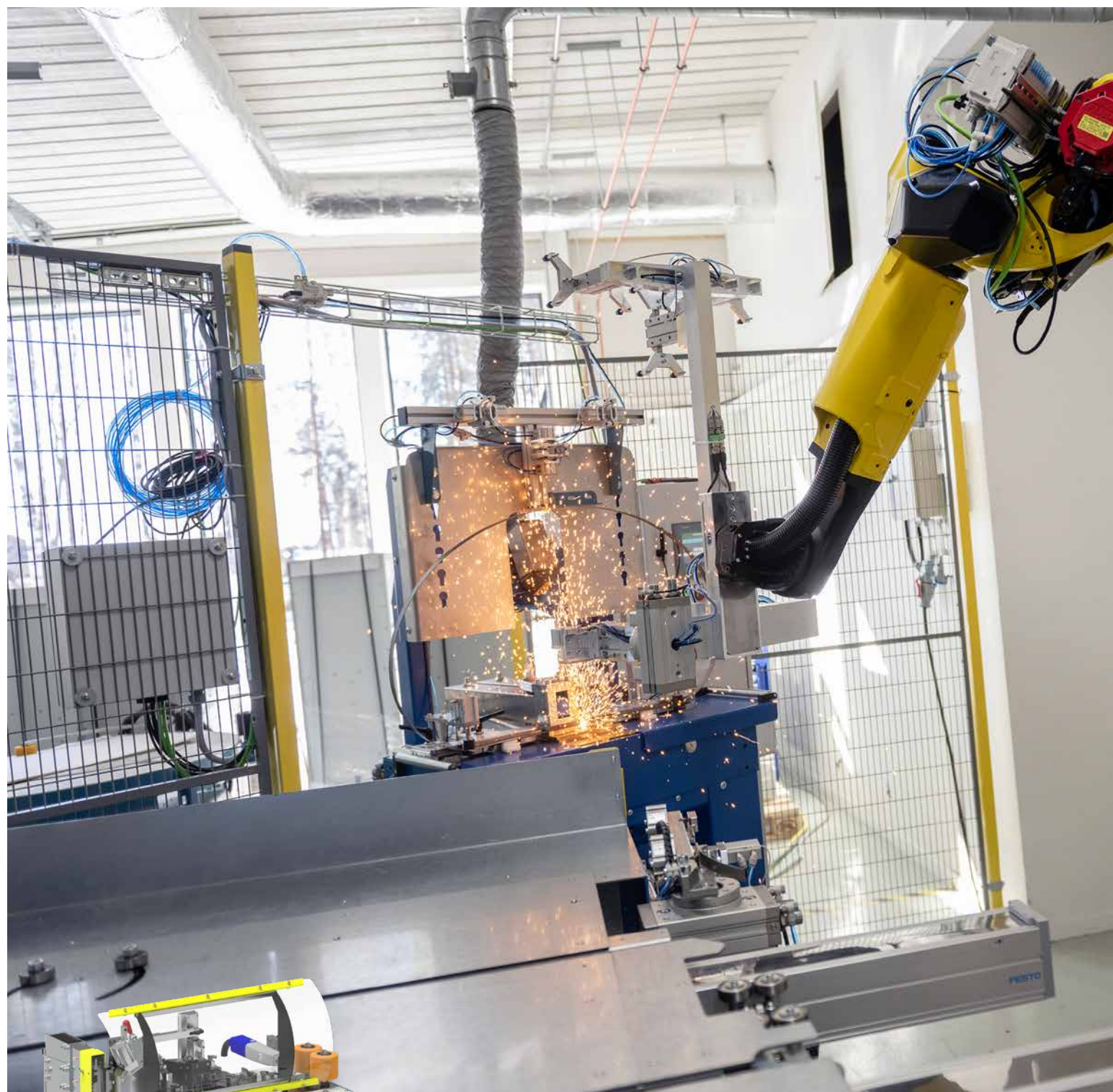
At ALO, you find solutions and products for every step in your process, from start to finish. That means that you can get an overall solution from us or pick and choose the pieces of the puzzle that you are missing. Our flexible solutions are easily adaptable for any production line.



# All Kontor

Vi har allt inom kontors-,  
konferens- & betallösningar!

[www.allkontor.com](http://www.allkontor.com)

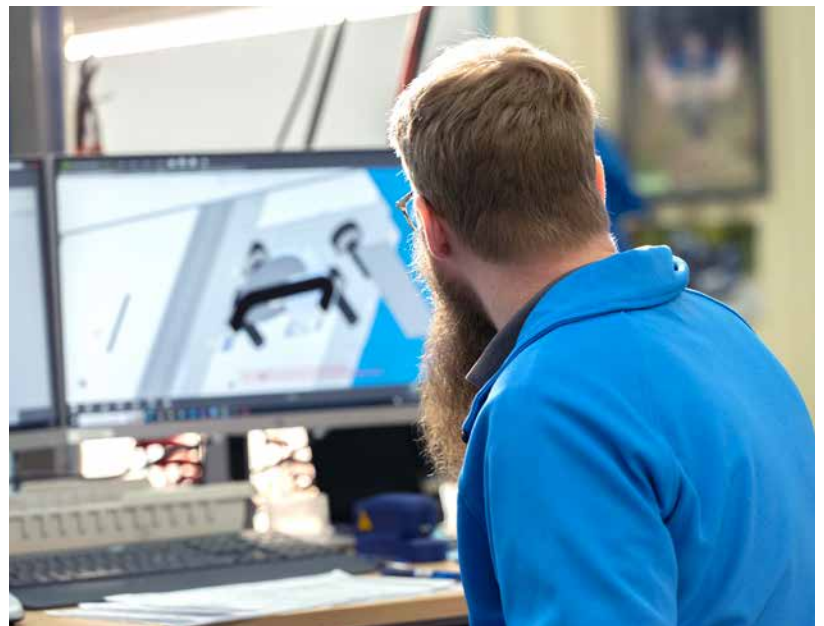


Välkommen till Cinas Plåt!  
Laserskärning o bockning av plåt i Orsa  
carina@cinas-plat.se | 073-544 25 40



## OUR PRODUCTS

We offer products for companies of all sizes. Complete production lines or modules that make it easy for a smaller firm that needs to start with a smaller solution to return to us when they want to expand or update their system. A flexible and long-term way of thinking.



## Save time and money!

We are independent insurance agents working against the insurance companies.



Försäkringspartner  
Berguven AB

+46 23-195 00 • [www.fpartner.se](http://www.fpartner.se)

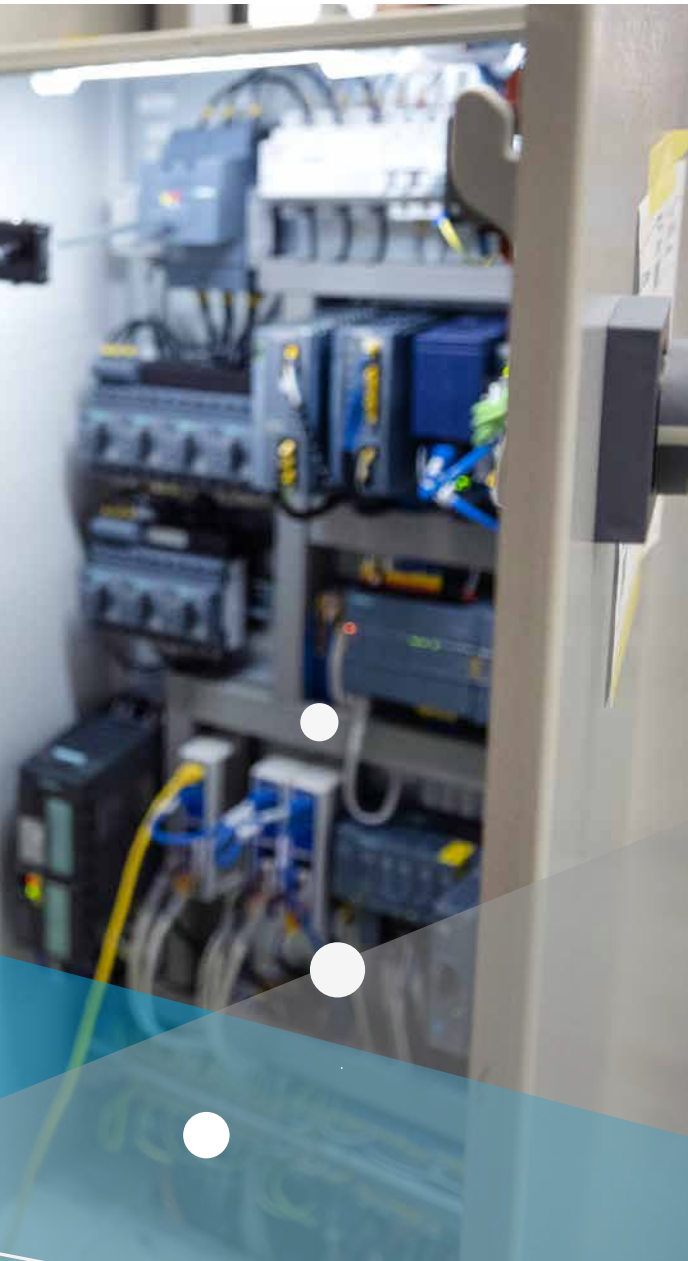
VÄLKOMMEN TILL FC MASKIN AB



[fcmaskin.se](http://fcmaskin.se)







# WORLDWIDE, IMMEDIATE SUPPORT AND SERVICE

With our worldwide coverage, ALO is always ready to support you with immediate response – wherever you are. Through online support and remote access to the machines, we can resolve any issues with a minimum of disruption.

In our customer portal MAP (My ALO Page), you can find your spare parts in our stock of over 25,000 parts, manuals and setting tools. We can deliver spare parts at short notice to anywhere in the world.

In our industrial IoT platform ALOG, you can monitor current and historical production of your ALO machines in near real-time and get access to swift support and customer service.

Also available are digital learning materials and interactive demos for our products, and we are always accessible for instructions, guidance and answering questions.

We offer several different service agreements, customized for your needs. Our goal is to give you the best possible service, no matter if you are a small independent manufacturer or a big enterprise with many facilities.



## Energy efficient induction heating systems

### Unique technology for heating strip, rollers and components

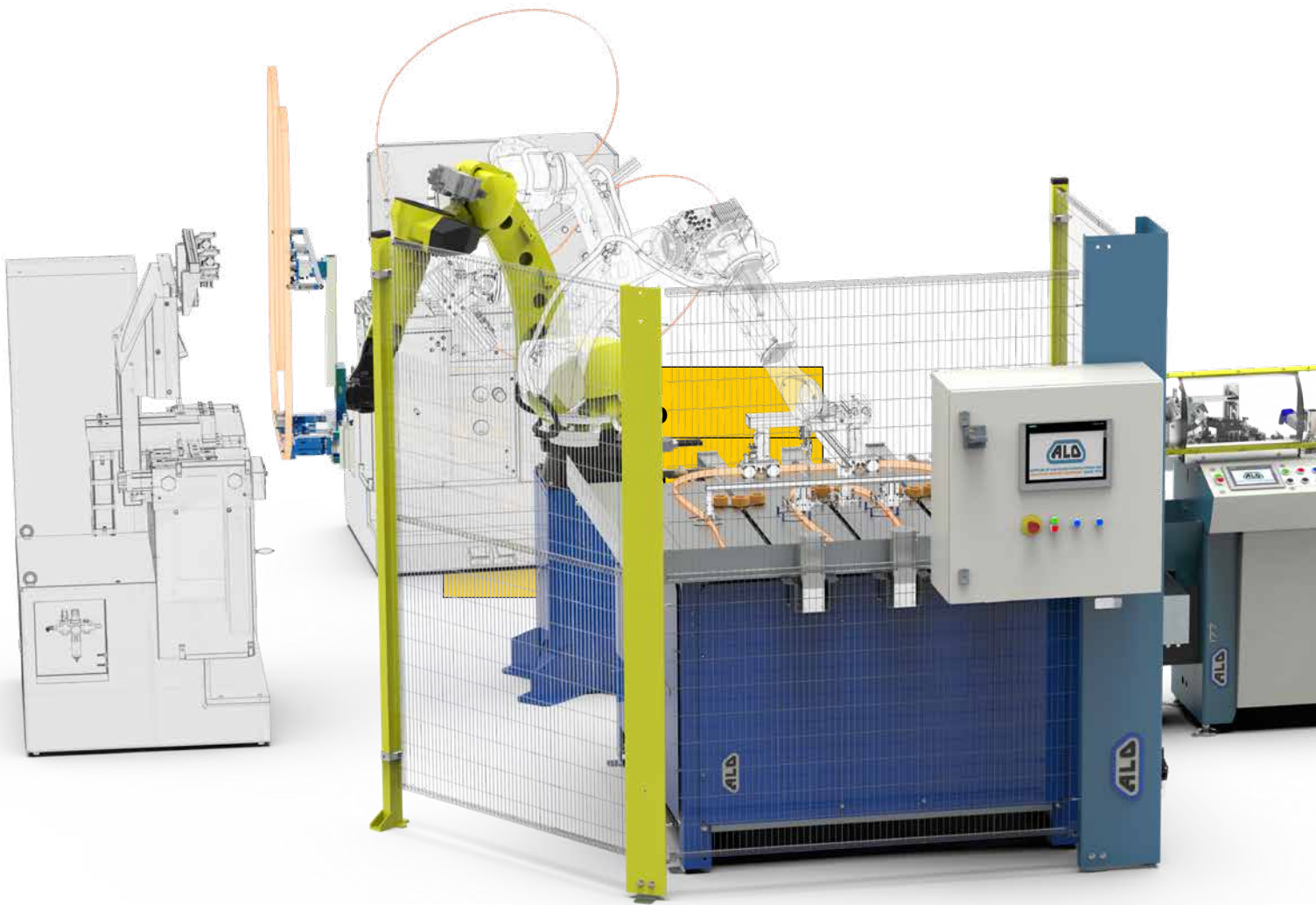
- High Efficiency
- Low Energy Consumption
- Improved Productivity
- Easy Integration
- Low Operational Costs

Typical Applications

- Pre-heating
- Hardening and Tempering
- Coloring "Blue Annealing"
- Coating and Drying
- Lamination
- Rolling
- Shrink fitting

**MagComp**  
Induction Heating

[www.magcomp.se](http://www.magcomp.se)  
[info@magcomp.se](mailto:info@magcomp.se)  
+46-(0)709-752230



## MEET THE LOOPMASTER

Loopmaster is designed to be a flexible system, capable of high-capacity production of bi-metal blades as well as other types of blades. It can produce welded loops of different lengths from the same master coil – without change over.

The system is based on our popular ALO 177 Cut-to-length machine, which means that if you already have one, you can easily add on up to three weld units for maximum capacity. Each unit can be set up dedicated to different blade dimensions, or all units for one blade dimension – whatever suits your production best.

Add the loop table, robot and minimum one welder, and you're good to go!

SCAN THE QR CODE TO  
READ MORE ABOUT THE  
LOOPMASTER





## MODULAR DESIGN, FLEXIBLE AND SCALABLE

- ALO 177 Cut to length machine with match finder system
- FANUC M20iD35 6 axis industrial robot
- Band gripping/manipulating robot tool
- Loopmaster table
- Operator panel/HMI
- Protective fence
- ALO 106 Cube
- ALO 106-E Cube elevator

## IDEAL BAS 300 series

### For the Production of Band Saws and Steel Strips

The IDEAL BAS 300 series for large batch sizes enables fast product changeovers with reduced maintenance times.

#### Key advantages:

- **Annealing device** with automatic control of the annealing temperature by an infrared spectral pyrometer and integrated lighting
- **Storage** of up to 100 programs with all welding parameters as well as the settings of the corresponding annealing process
- **USB interface** for program and parameter transfer/backup
- **Displacement measuring system and welding parameter control**
- **Integrated spark protection**
- **Pneumatic or hydraulic clamping devices**

- **Maintenance-free servo motor for individual speed adjustment** and torch distance control
- **Low emissions** and resource-saving use of workpieces through highly reproducible, precise welding processes

#### Options:

- **Hydraulic deburring tool**
- **Pneumatic loading device**
- **Centering device** for precise saw band alignment
- **Special clamping** device for band knives



# MEET ALO 198 ILTA

The ALO 198 is a complete bi-metal hardening line that is based around modules. This makes it possible to either start from a certain level of production and scale up, or we can help already existing lines of other brands to become an ALO 198 machine.

For example, an upgrade of existing furnaces with our furnace controls, quench systems, and central control will lift the production line to the latest technology and also make it available for our cloud service ALOG.

ALOG opens the possibility to monitor and see the production data live from anywhere in the world, call for maintenance, and also allow operator training from a distance. By using the preheater systems, the production lines can become more energy efficient and produce higher volumes.

Once you upgrade to an ALO machine we make sure you get the highest availability long term and short term. We do this by securing the development of our machines completely: mechanical, electrical, and programming are all inhouse. Our after sales teams and services makes sure the machines perform at the highest level by helping out with training, services, and spare parts.

Band temperature [C]



## REMOTELY STARTUP

Being a company located in Sweden supplying all over the world, we have experienced a significant difference in the need of on-site appearance after taking all these development steps – today startup and training can be done remotely thanks to technology!



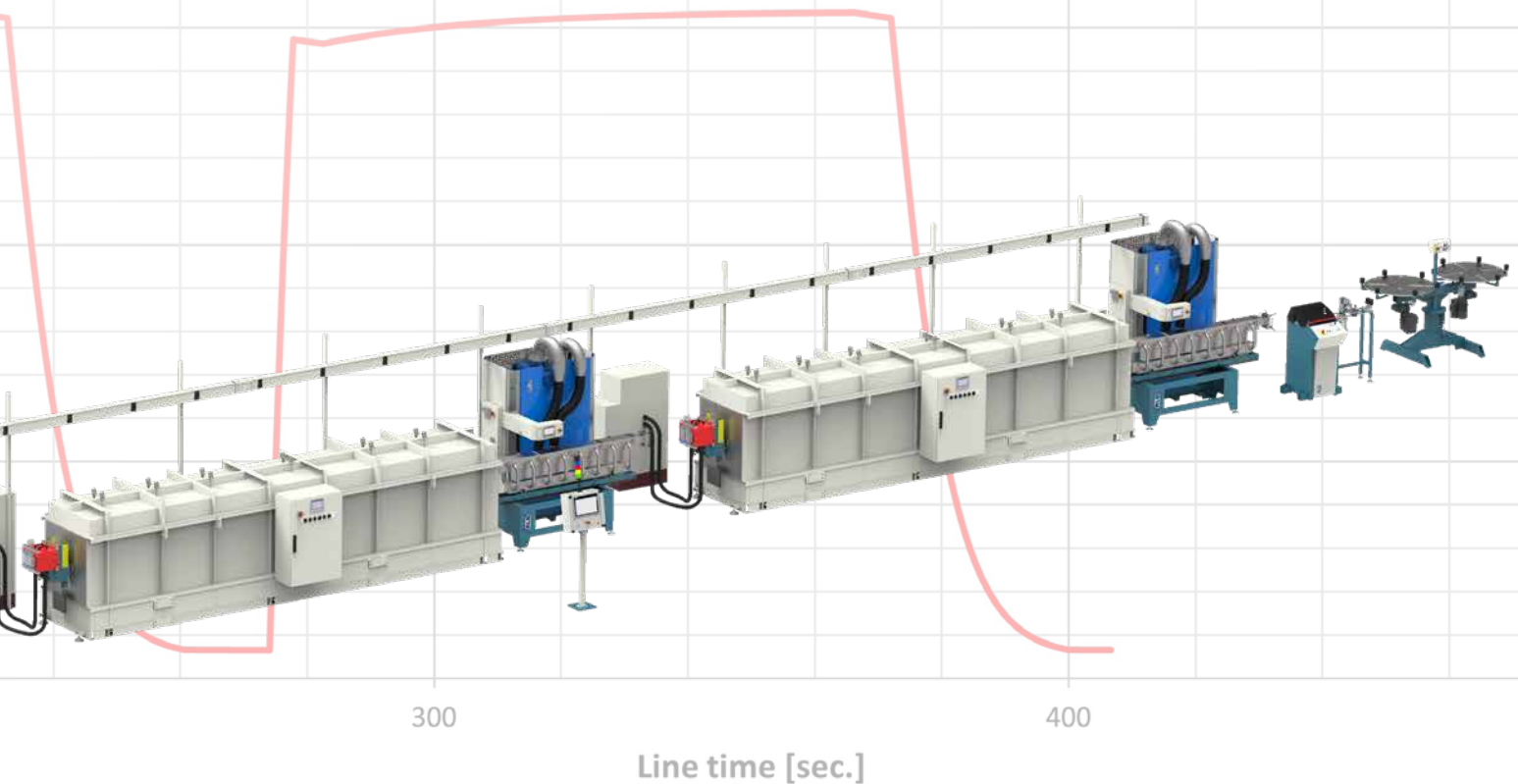
## TECHNICAL SPECIFICATION

Band width: 20-80mm

Band thickness: 0.9-1.6 mm

### SPEED AND ENERGY CONSUMPTION EXAMPLE:

27 x 0.9mm	3.0 – 4.0 meter/min	57 – 68 kWh
34 x 1.1 mm	2.0 – 2.8 meter/min	55 – 63 kWh



The  
**Best Furnaces**  
 for continuous  
**Hardening &  
 Tempering**  
 of Bimetal Saw Bands

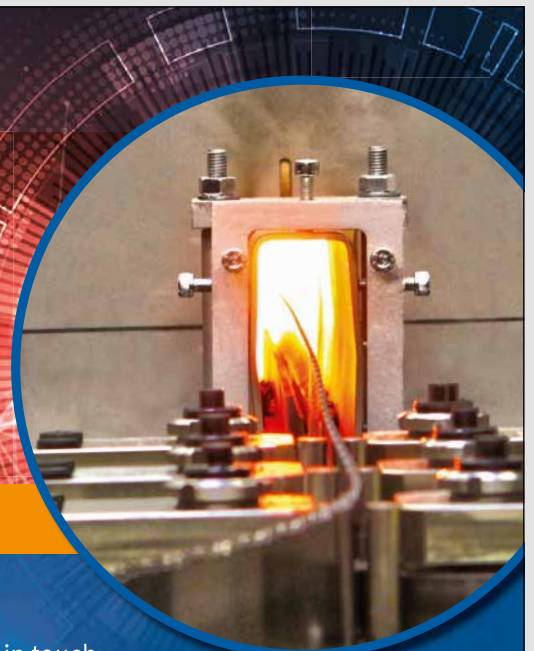
**ENERGY EFFICIENT – RELIABLE – DURABLE!**



[www.onejoon.de](http://www.onejoon.de)



Learn more?  
 Just scan the QR-Code to get in touch  
 with your personal ONEJOON-Expert.





# FOR A SUSTAINABLE FUTURE

ALO Center works actively to reduce negative environmental impact, through continuous improvements. This permeates the entire business, from our internal environmental impact to the saw blade industry's customers. All our employees are continuously updated on the environmental consequences of their working methods and actions.

- When we develop products, we always consider the entire life cycle perspective.
- In all our handling of chemicals, we take precautionary measures to minimize negative effects on our environment.
- The transports of incoming and outgoing goods is the sector with the biggest impact on the environment. Amongst other things, our goal is to only use environmentally certified logistics partners.
- Applicable legislation and binding requirements are taken as a minimum requirement.

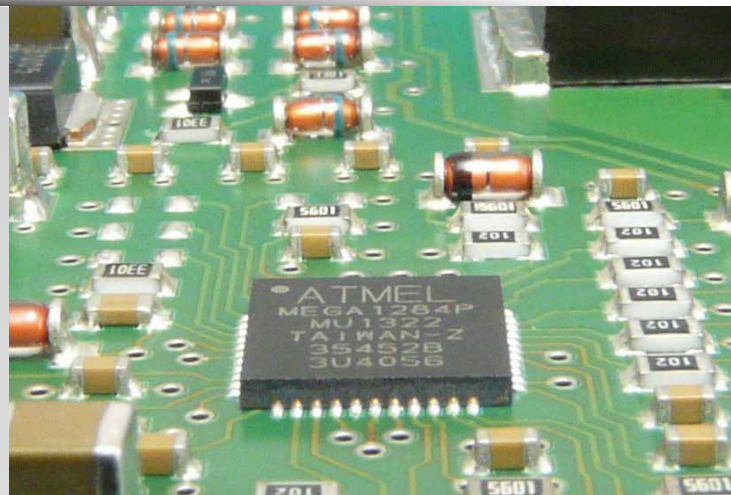
**Schuler**  
ELECTRONIC SYSTEME GMBH

## Development and Production

We develop and produce electronic assemblies of all kinds for our customers

Do you have a good idea and are looking for support in the planning and development of your electronic assemblies?

We would also be happy to produce for you.





**INTRODUCING EMIL**, one of the newest members of our team. In a short time, Emil has smoothly integrated into ALO, and we're thrilled to have him on board. When asked about his favourite aspect of working here, he quickly responds: "I've learned so much during my time at ALO!". He attributes this to the company's trust in its employees and the absence of micromanagement. Emil, highlights the sense of personal responsibility as a factor for well-being and professional development. Furthermore, Emil also appreciates the advantage of having all the competence in-house, allowing him to discuss improvements both upstream and downstream by simply walking over to the next department and engaging with his colleagues. This seamless collaboration fosters a culture of open communication and collective problem-solving.

## SPECIALIST, INHOUSE COMPETENCE

Our staff is the key to our success. ALO staff members are trained on a high level for dealing with complex problems and highly developed technology. We have all competence inhouse, and are proud to say that we are a strong team with a family feeling.

Working at ALO offers varied tasks, with a high level of freedom with responsibility. We all work towards a common goal, constantly striving for excellence.





**SIXTEN** – a shining example of dedication, loyalty, and commitment. Throughout the extraordinary span of 42 years. Wondering about the secret behind Sixten’s unwavering loyalty to ALO? It lies in the company’s trust in its employees. Sixten emphasizes the importance of “freedom with responsibility,” which aligns with our core values and remains a constant pursuit at ALO. It’s evident that Sixten truly has enjoyed his time at ALO, as he chose to continue working even after reaching retirement age. As we look ahead, Sixten’s enduring dedication and loyalty inspire us to prioritize long-lasting collaboration every day – both within ALO and with our customers. Together, we uphold ALO’s values, nurturing a strong and unified collective. Our commitment to excellence and the bonds we cultivate serve as the foundation for our continued success.



# En gnistrande upplevelse

Skärpverktyg är Sveriges ledande leverantör av allt inom trådgnist. Vår verksamhet vilar på tre pelare:

**KVALITET • PRECISION • KUNSKAP**



**SKÄRPVERKTYG AB**

031-87 00 50 • [order@skarpverktyg.se](mailto:order@skarpverktyg.se)





## INVESTING FOR THE FUTURE

ALO has a long history behind us, and a bright future ahead of us. We always plan for the long-term, in order to be a reliable partner to our customers and invest accordingly. We invest in machines to be able to maintain short lead times and high quality, we invest in expanding our property to grow our production area and warehouse, and we invest in increasing both our energy efficiency and our all-over efficiency.

We have most of our processes inhouse and outsource less and less to subcontractors. ALO have also made several major investments to further increase our production capacity and secure efficient delivery.

Please feel free to contact us for a quotation!

# NORMAC BANDSAW GRINDERS

## CLEARLY SUPERIOR TO MILLING MACHINES

GRIND PRE-HARDENED STOCK

EXCELLENT TOOTH HEIGHT ACCURACY AND CONSISTENCY

NO CUTTER SHARPENING MACHINE REQUIRED

QUICKER AND EASIER SETUP



## THREE MODELS

### BS35X

6-50mm band width

13mm stack height

Plunge dress for pre-determined tooth forms

**NEW** CNC axes for faster, more accurate setup

### BS45X

6-50mm band width

13mm stack height

Continuous CNC dress allows for tooth form experimentation

**NEW** CNC axes for faster, more accurate setup

### BS75

13-102mm band width

16mm stack height

Continuous CNC dress allows for tooth form experimentation

Highest productivity





CONTACT US

PHONE: +46 250 94900

INFO@ALOCENTER.SE

WWW.ALOCENTER.SE

