



TECHNOLOGY FOR THE SAWMILL INDUSTRY





# SIG

Leading in technology, economically convincing: Being the largest European manufacturer of sawmill equipment, we are the industrial partner no. 1 – to keep it that way and to further extend our worldwide leading market position, we daily work on innovations for higher yield and optimum processing.

# HTS.



Forests need time for growing. Growth needs patience. Success needs visions. Working for the wood-working industry for more than 170 years, we know what sustainability means. This is why we probably adhere to our basic values stronger and more confident than others.

We are and will remain in private hands as we estimate the entrepreneurial responsibility and decision-making power which we use for the benefit of the market and our employees.

Our exceptional vertical range of manufacturing helps us to particular market strength against all short-lived trends. The reliable knowledge transfer is guaranteed by our intergenerational staff and the training in our own workshop. Thus, our junior staff benefits from the rich experience of the company and our mainly longtime employees.

Creating continuity and safety for the future we remain what we are: Innovative leader in the manufacture of woodworking equipment for the forest and sawmill industry.

A handwritten signature in white ink that reads "Volker Geiger".

*Volker Geiger, Managing Director*









# HOME.

The Rench valley between the Rhine River and the Black Forest is our home. Here, between vineyards and forest, people do not only live close to nature, but are also rooted in agriculture and forestry.

Oberkirch in the state of Baden-Wuerttemberg is located in the heart of Europe. Situated directly at the main routes close to France and in the middle of a dynamic and dominant economical region which is leading in technology in the sector of machine and plant engineering, our company has developed in the course of time. A defining character was one of the most fascinating forest landscapes in Europe: the Black Forest.

Working with wood has a long tradition here and was just a few generations ago the livelihood people in the region relied upon. Not only because of this have we treated this valuable natural resource with great respect, but we contribute with our innovations to each log finding its way to the market with utmost quality.





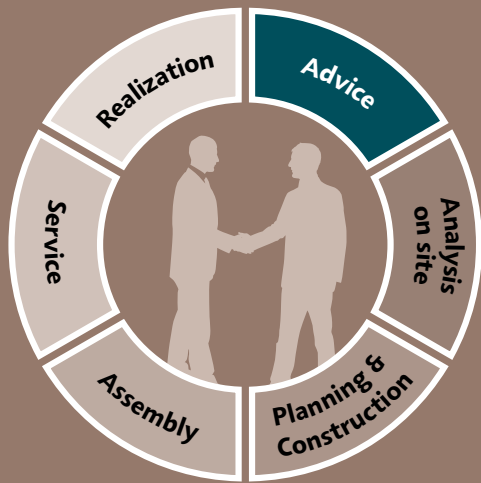
# PROJECT MANAGEMENT.

With our many years of experience we manage our projects confidently and reliably and assure you a high-performance solution so that you can go into production on schedule. This is what we do.

#### **Advice**

Against the background of more than 170 years of company history in the woodworking industry, we rely on our unique experience in the planning and implementation of sawmills.

We are proud to say: You will not find more market knowledge, more know-how and more success stories in the manufacture of sawmill machinery anywhere.



#### **Analysis on site**

We find out ourselves about the conditions and requirements of our customers. We do not only take into account the spatial requirements, but also concentrate on your production demands and entrepreneurial targets in order to find the best machine and system configuration.

#### **Service**

We offer customized solutions regarding maintenance and repair and guarantee a high availability of all spare and wear parts with our extensive warehouse. So that your sawline can operate smoothly at any time.







# SERVICE.

Our vertical range of manufacturing is unique and gives us a maximum of flexibility and customer orientation. All key technologies are mastered at our site in Oberkirch. Just because we like to have things firmly under control.

## **Planning & Construction**

Safety and reliability throughout the whole process are the result of an integrated project management. Experienced Linck staff is at your disposal to take binding and reliably care of your project from the very beginning.

Convince yourself of our engineering know-how. Using the latest CAD-technology, we configure system solutions for the sawmill industry that match best with your spatial, technological and product-specific requirements.

### **Electronic controls**

We develop all components for line controls in our company and in coordination with the respective plant and its duties. Thus we avoid compromises resulting from standard solutions and maintain maximum flexibility.

### **Manufacturing**

Our vertical range of manufacturing is unique. With our own milling and turning centers, comprehensive sheet metal working and metal-working we have all key technologies in our own hand and thus remain independent and able to act at any time.

### **Assembly**

Assembly and start-up of the saw lines is carried out step by step by our experienced field technicians with comprehensive instruction and handover. You can be sure that we only leave the site when the last screw is in place and your plant is fully operational.







# NATURAL RESOURCES.

From a historical point of view, wood has always been the most important crop for people. We all need wood as a material, as building material, as energy source. That's how it is and it will remain like that.





Who wants to build optimally designed sawmills for the forests worldwide must know the local conditions: geography, climate, soil conditions and of course the wood species play an important role. Therefore, our work requires interdisciplinary knowledge as well as intercultural competence.

The boreal forests of the North are basically subject to conditions which are different from temperate or tropical forests. Accordingly manifold as the forests are the working conditions of our partners in the sawmills and accordingly flexible and focused is our plant engineering.



# WOOD PROCESSING.

We need the sawmill and timber industry to make use of the trees. For a value-added utilization and yield worldwide.

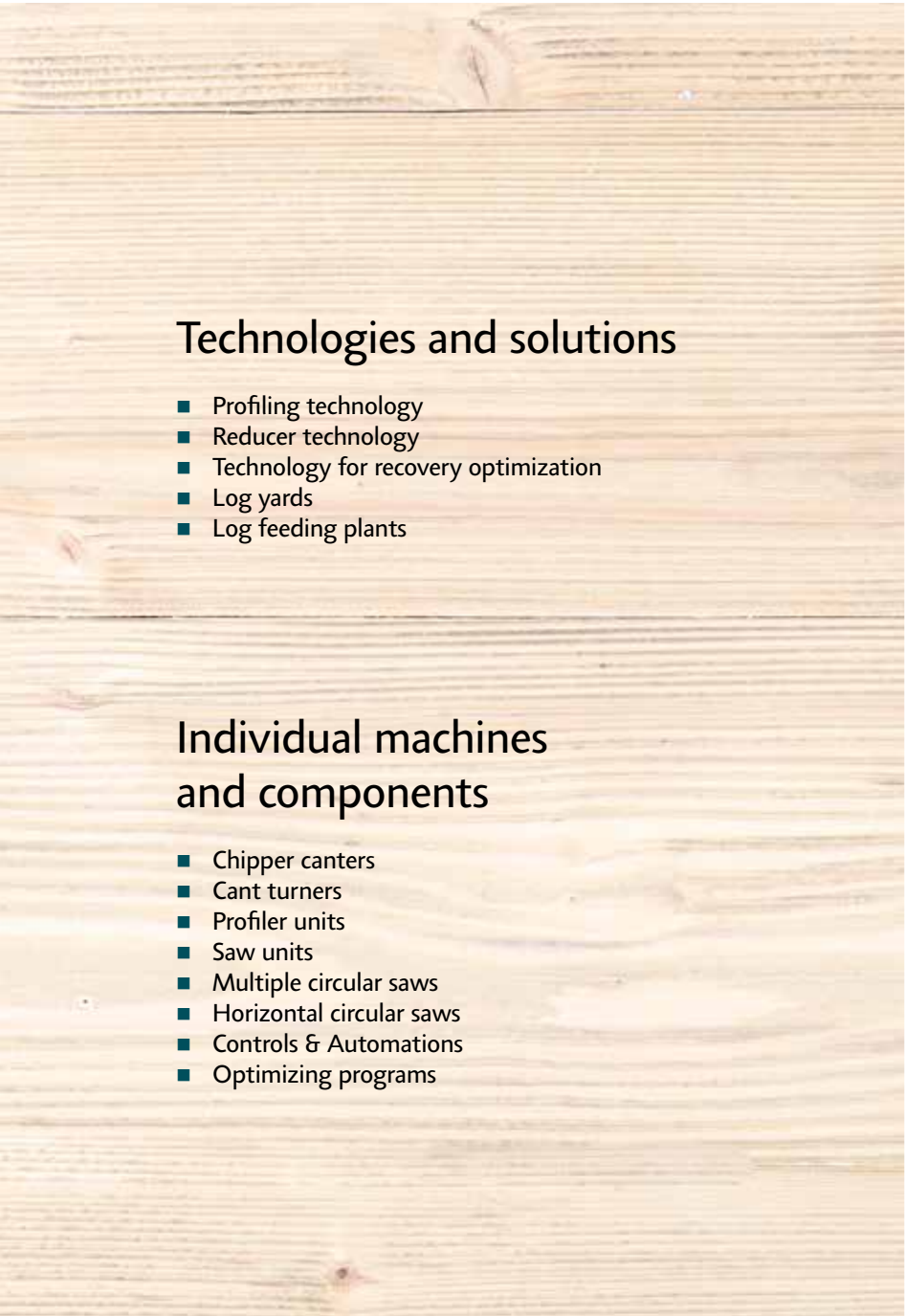
Wood is light, easy to process, heat insulating, vibration-reducing and long-living. An ideal material with no comparable alternatives. And wood is precious, so that sustainable management is a clear priority. Only then we can make use of this nearly endless resource.

Our contribution to sustainability is an uncompromising quality and optimizing philosophy that can be found throughout our entire product range.

## **Our promises:**

- Exclusively "Made in Germany"
- Sturdy, durable machine construction
- No standard solutions
- Highest capacity at maximum flexibility
- Extensive management, control and statistics options for comprehensive plant monitoring and optimization
- High machine availability
- Cutting processes for maximum lumber recovery
- Adherence to schedules



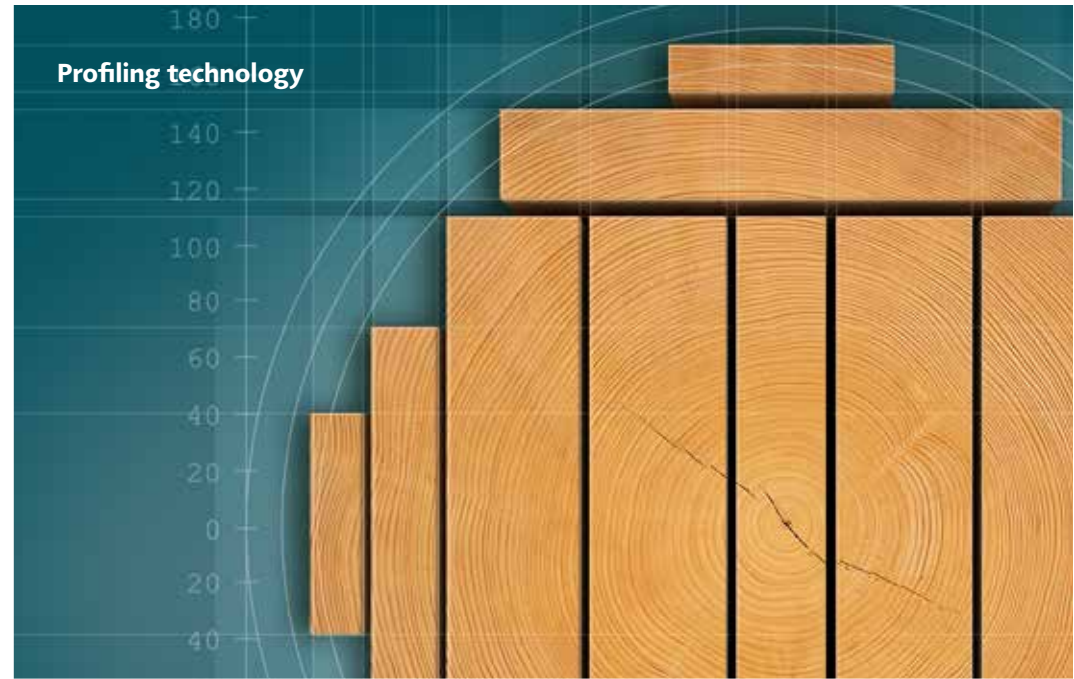


## Technologies and solutions

- Profiling technology
- Reducer technology
- Technology for recovery optimization
- Log yards
- Log feeding plants

## Individual machines and components

- Chipper canters
- Cant turners
- Profiler units
- Saw units
- Multiple circular saws
- Horizontal circular saws
- Controls & Automations
- Optimizing programs

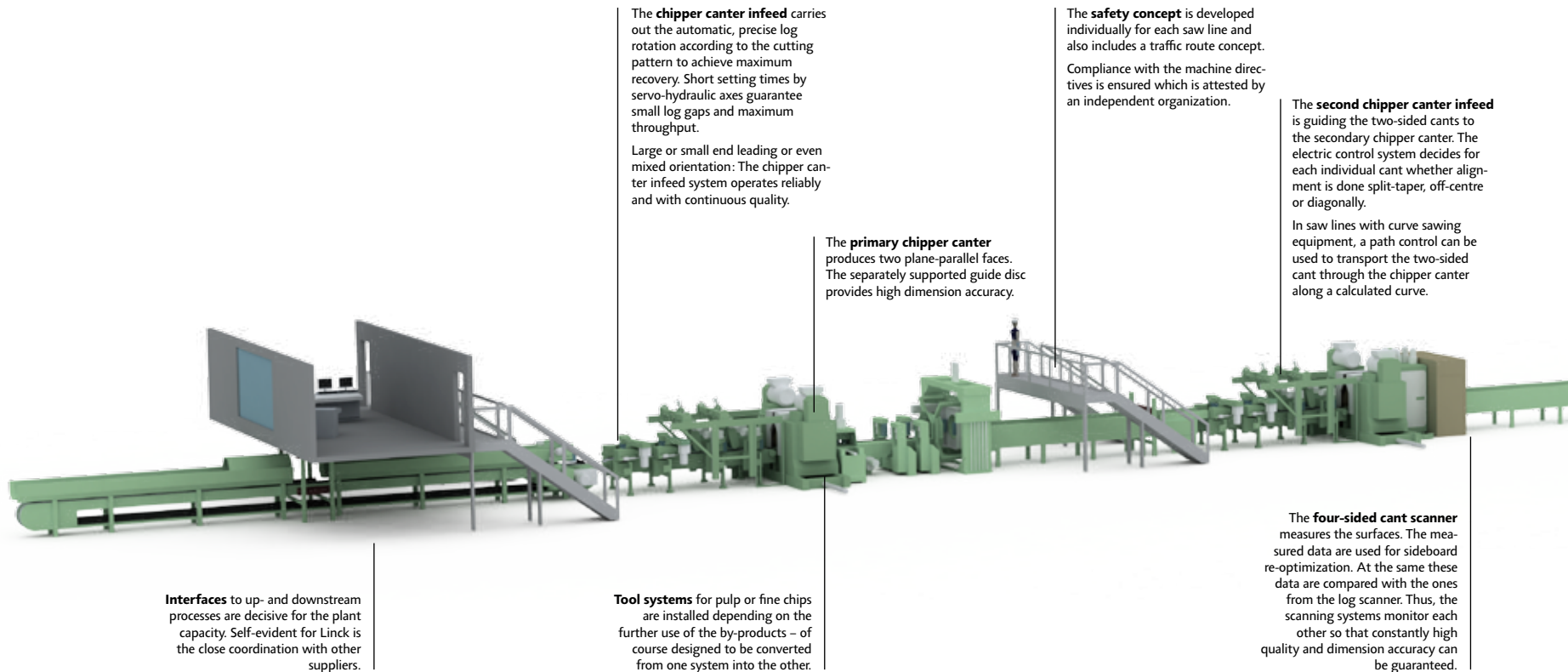






The challenge is to choose the perfect combination of machines, components and control elements to create a synergetic overall system.

# SAW



# MILL.

The **cant turner** can be equipped with two independently operating rotors which allow high piece counts.

The **profiling group** consists of two profiler units and a circular saw for sideboard production. Depending on the application, different profiler units are available. Tear-out free products with sawn surface as well as boards diagonally profiled at the four-sided cants to increase recovery are possible.

The **horizontal circular saw** is used for the production of horizontally cut timber.

The supply of **drawings for foundations and steel support structure** is self-evident for Linck. These drawings are ready for contract awards and perfectly adapted to the Linck line.

The second **profiling group** consists of two additional profiler units to produce a total number of 8 sideboards in the whole saw line.

In order to achieve small gaps in saw lines with curve sawing equipment, not the heavy machines are positioned, but only the cants are moved.

The **resaw** is used for a simultaneous sawing-off of sideboards and splitting of centre products.

Flexible machines with up to six tool axes are available; however also machines with fixed saw setting.







CUSTOMER



# FOCUS.

Confidence, partnership and the conversation at eye level are no empty phrases for us. We speak your language, regardless of where in the world you are located.

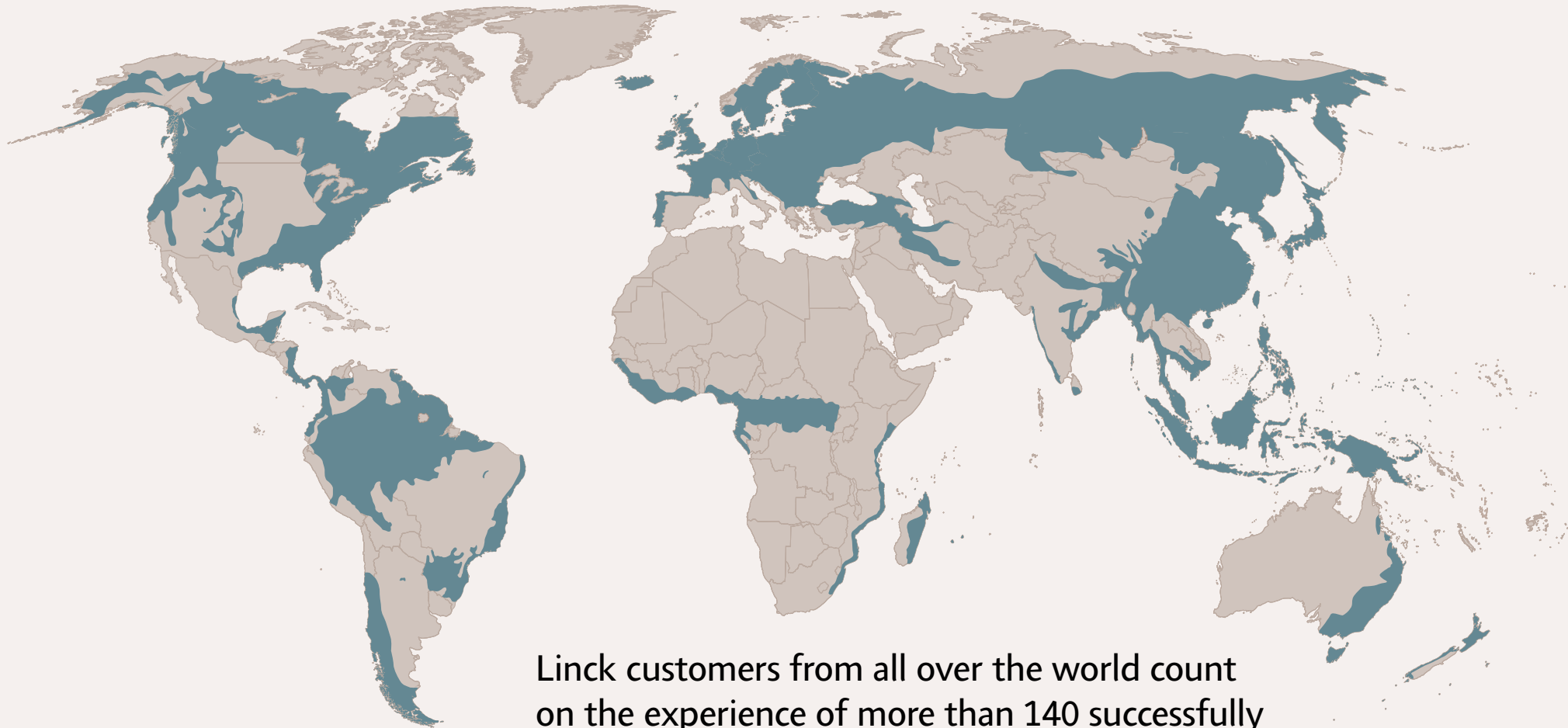
We are present whenever sawmillers need our know-how. We are well informed about the conditions and requirements on site. Due to our global presence, we can communicate with most of our customers in their own language\*. We know the concerns and challenges of sawmills on all continents where forestry plays a role and are well cross-linked by long-standing contacts.

In Europe, 17 of the 20 largest sawmill companies are Linck customers and anyone who has invested in a Linck plant so far knows that this quickly pays off through its high availability, low maintenance and durability.



\* German, English, French, Spanish, Portuguese, Polish, Russian, Swedish

# WORLDWIDE.



Linck customers from all over the world count on the experience of more than 140 successfully operating profiling lines and 70 reducer lines.





## “Linck especially stands for a high level of commitment”

Dmitry Krylov  
Lesozavod 25  
Archangelsk, North-West Russia

In 2004, the first Linck profiling line has been taken into operation at Maimaksa. Over the years, this important investment has proven to be the right one as the plant operates reliably and with high productivity.

The easy operation of the plant and the quality of the products were decisive factors for also installing a Linck profiling line in the Tsiglomen sawmill in 2011. We particularly emphasized the commitment and support of our partner during planning and realization of the plant.



## “Higher capacity than expected.”

Per Andersson  
Derome Timber  
Veddige, Sweden

The modification of our Derome sawline which we realized together with Linck is the best project we have ever carried out in our nearly 70 year-old company. We managed to increase our already high recovery by additional 5 % of which we never had dreamed of.

We see the reason for this good result in the high competence of the Linck personnel and its very high customer orientation. The open and straightforward discussions between us and Linck have led to this incredibly good result. We could also achieve a much higher production capacity than expected and the saw line provides security for the future.



## “Flexible, productive and reliable.”

Paul Lesbats  
Lesbats-Scieries d'Aquitaine  
Saint-Perdon, France

In 1996 we have started our partnership with Linck by installing a chipper canter circular saw line for primary processing which was followed by a resaw in 2002.

The confidence in this partnership persuaded us to invest in a second complete Linck sawline in 2011. The flexibility, productivity and reliability of these plants in combination with the know-how of the Linck personnel allowed our medium-sized family business to develop continuously in the sawmill industry.



## “All project targets were achieved.”

António Fernandez  
Pinhoser-Indústria de Madeiras da Sertã, Lda  
Sertã, Portugal

Being on the market since 1983, we achieve today an annual turnover of 40 million Euros with lumber, pallets, electricity and pellets. We operate sawlines of different suppliers for processing round logs in our two sawmills.

In 2010 we decided to purchase a new complete sawline from Linck which turned out to be a positive surprise: From the compliance of the contract with regards to delivery time, assembly and fulfillment of the first processing of logs up to plant performance and customer service after handing-over the plant. We are completely satisfied with Linck as all our targets of this project were achieved.





MADE IN GERMANY



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