

Capability Statement

LEDINEK



Planing Profiling | Finger jointing | Engineered Timber

LEDINEK CAPABILITY STATEMENT

Ledinek Engineering is one of the world's leading manufacturers of machines and plants for solid wood processing. All our premium technology is a product of our own know-how and production. Our partners include leading manufacturers of electronic and other equipment, along with all major players in the wood processing industry.

CORE COMPETENCIES

PRODUCTS:

Heavy-duty tailor-made machines and lines:

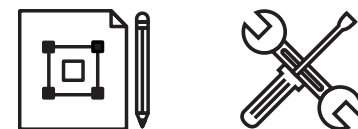
- Planing & profiling
- Finger jointing
- Engineered Timber
- Automation
- Special machines

SERVICES:

- Consulting
- Operator training
- After-sales activities

DIFFERENTIATORS

- Innovative state-of-the-art technology
- Turn-key production lines
- Full-range supplier
- Custom - made solutions



- More than five decades of experience in machine construction
- Single point of contact
- Family owned business



PAST PERFORMANCES

2024 – CURRENT:

- Moelven Edanesågen, planing line
- Rigidply Rafters, glulam
- Schilliger Bois, CLT, 80.000 m³/y
- SmartLam North America, glulam, 100.000 m³/y

2020 – 2023:

- Mayr-Melnhof Holz Leoben, CLT plant, 130.000 m³/y
- Arboreal, CLT, glulam, 50.000 m³/y
- Södra Skogsägarna, CLT, 100.000 m³/y
- Stora Enso, finger-jointing, 120.000 m³/y
- Ante Holz, CLT, 100.000 m³/y



CERTIFICATIONS:

ISO 9001



ISO 14001



COMPANY CONTACT



Ledinek Engineering d.o.o.

Headquarters: Slivniška cesta 18 | 2311 Hoče – SI



ledinek.com

Ledinek Sales



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+386 41 707 406



info@ledinek.com



INNOVATIVE

Innovation has always been the prime motive behind our new machines. We dare to challenge the future. We are proud of this spirit of our colleagues who are bold enough to follow this path!



POWERFUL

Be inspired to go faster, to go further, to break the record. Again, ... and again. This is the formula of the winners. The new generation of Ledinek machines has the power and the quality to put you on top!



DURABLE

Our machines are built to last longer, to perform with ease under toughest conditions. A load too heavy will break a weak link, therefore we give our machines a strong backbone which will not let them fail!

TRENDSETTER AND GLOBAL INNOVATOR

Ledinek Engineering is one of the world's leading manufacturers of machines and plants for solid wood processing. Established in 1992, the company stems from a rich family tradition of entrepreneurship and is based on more than 55 years of experience in mechanical engineering. The company has developed a diverse portfolio of innovative, tailor-made solutions with a global track record of success.

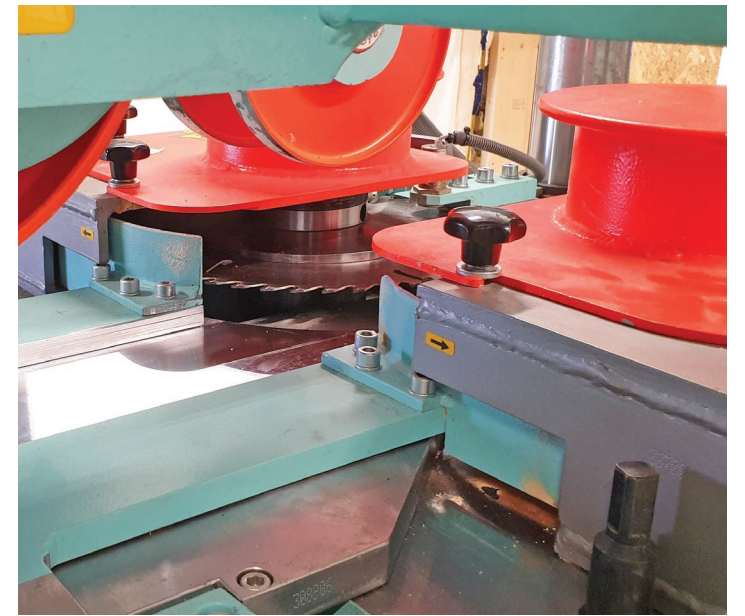
With a high level of multidisciplinary skills and knowledge, with our passion to invention and ingenious techniques, we shape the wooden world today. We take our own way to the top, we believe and trust in what we do.

As experts in complex processing of massive wood, planing and profiling, finger jointing and engineered timber, we tackle the challenges of modern lifestyle and ensure the state-of-the-art technology of our products – from product design to delivery and installation. On the basis of our sporting spirit we never give up, but search for the best solution for each single customer.

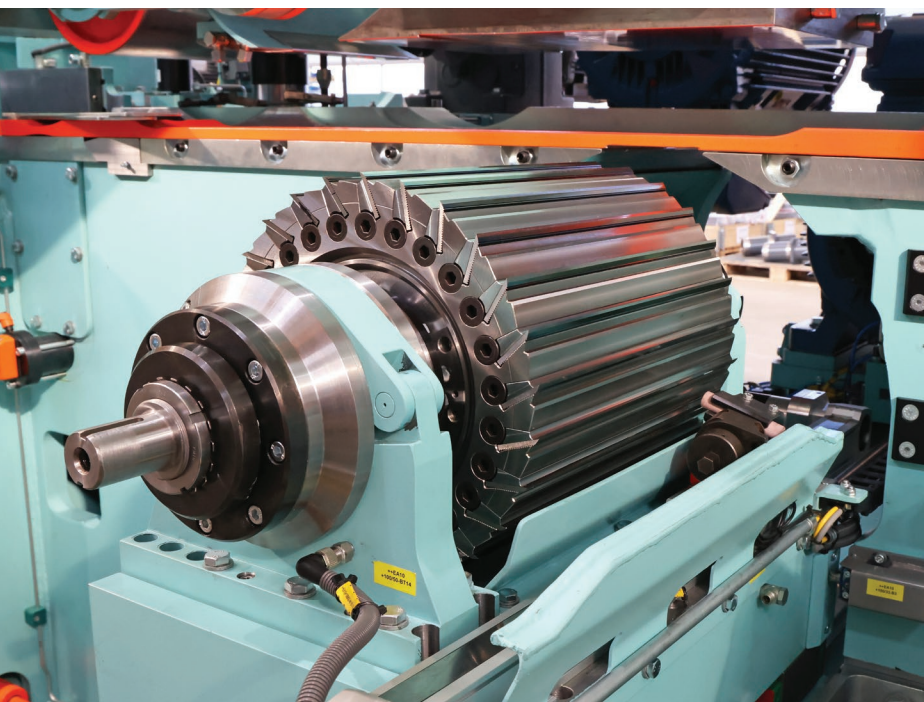
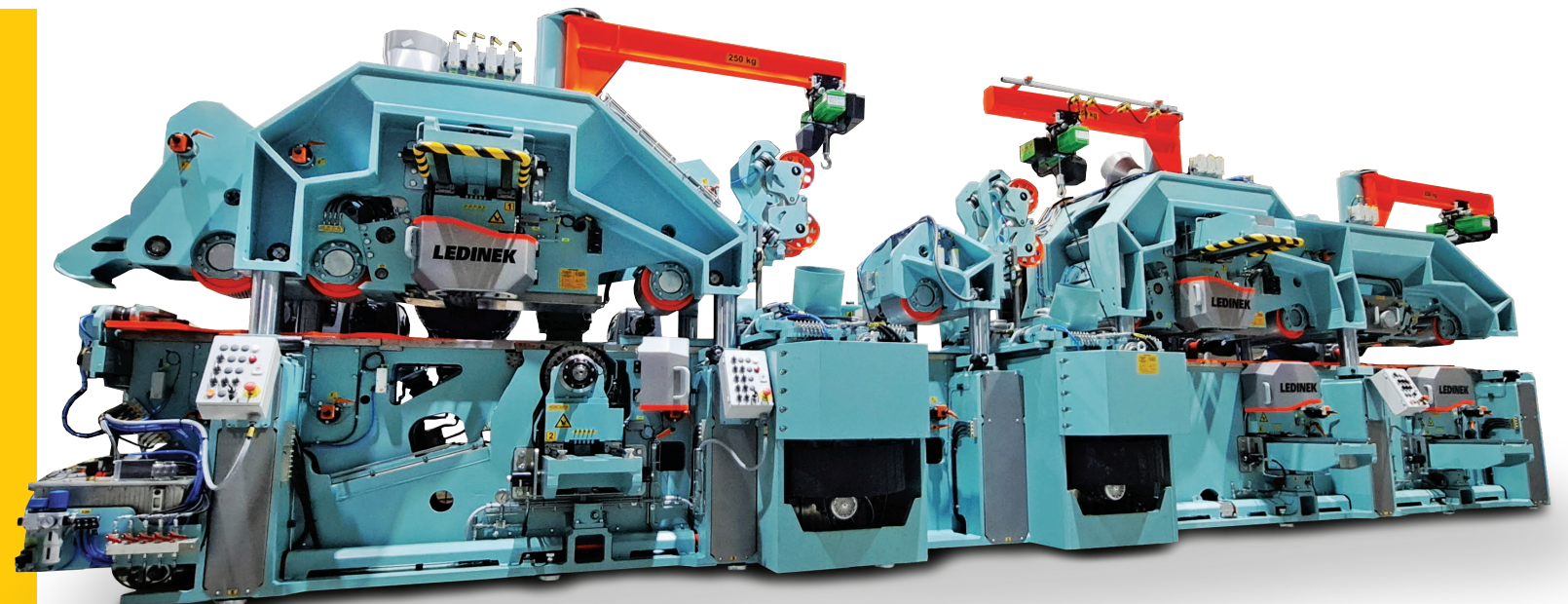
Building on the long tradition of a family business, we are proud of the presence of our unique woodworking machines, complete lines and even plants complexes on all continents of the global market. The vision that we follow is to be a global innovator and trendsetter of wooden industry today and in the future.

PLANING & PROFILING

Ledinek offers a full range of high-performance industrial moulders and planers, designed for maximum efficiency and precision. Engineered with innovative technology, these machines combine immense motor power with advanced software and intelligent setup. Built for durability and reliability, they feature top-quality components and a robust design, backed by decades of industry expertise.

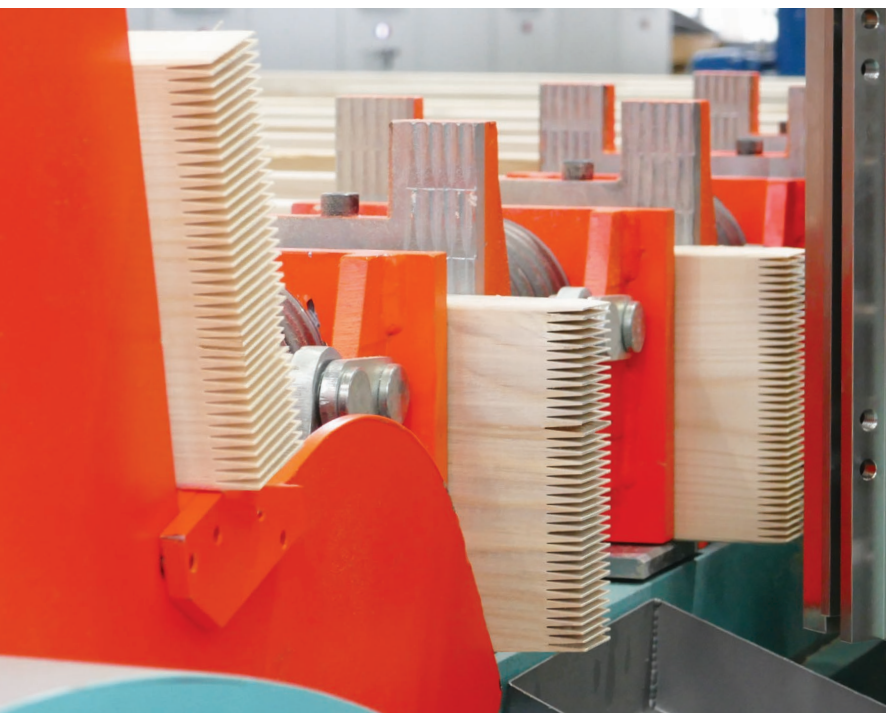
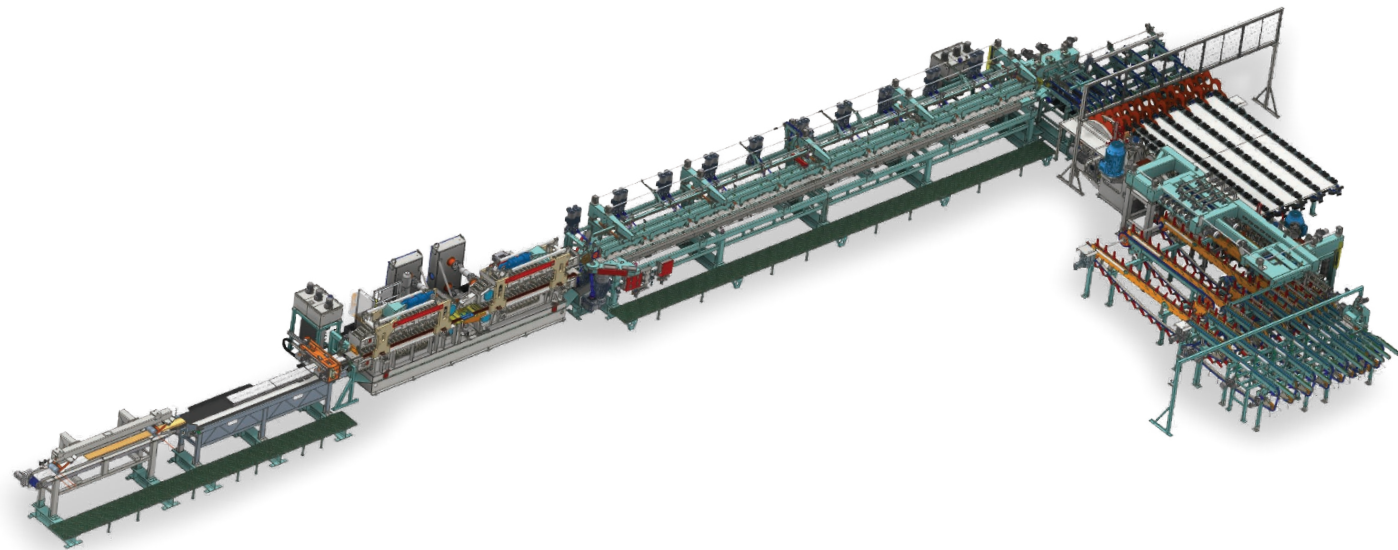


*Plan@
Your
Future*



FINGER JOINTING

Ledinek's advanced single piece milling and pressing solutions ensure precise machining geometry and the optimal application of force for a wide range of workpieces. Our finger jointing machines and production lines are the pinnacle of woodworking technology—the core of every lamination plant. These processes create bonds that last a lifetime—bonds that strengthen our homes and support the structures we rely on every day.

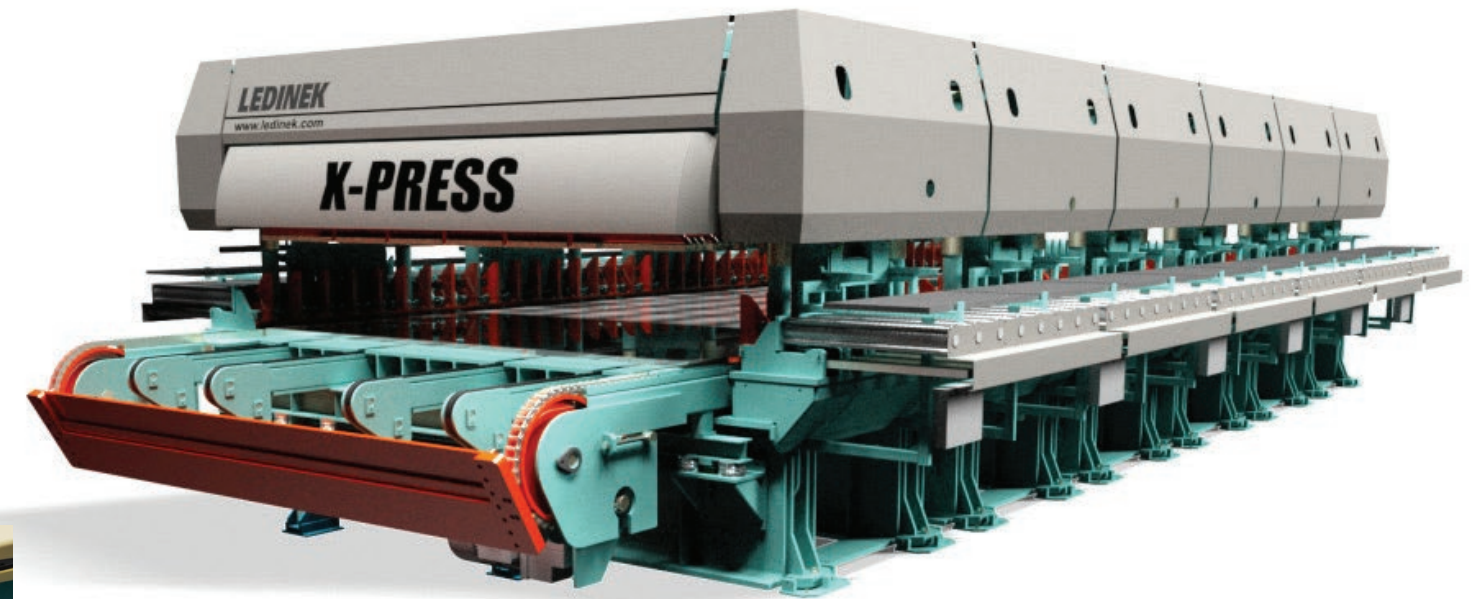


*A
Lifelong
Bond*

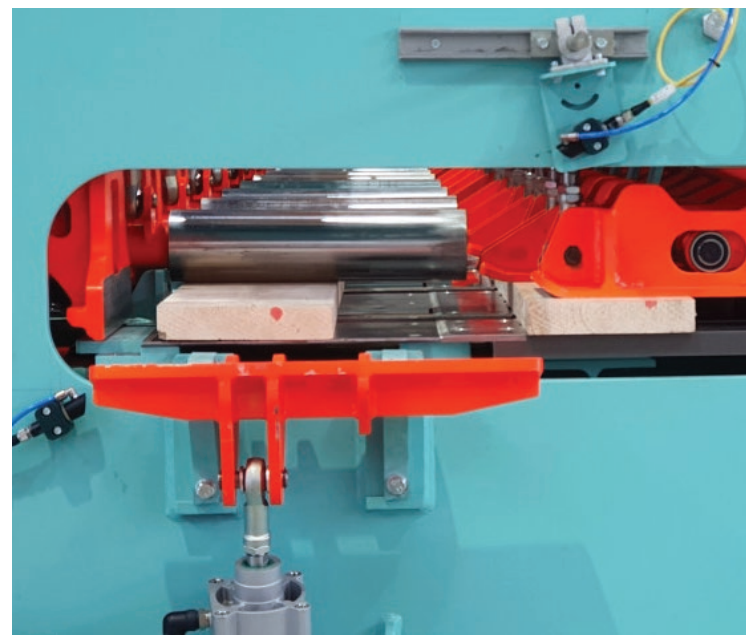


ENGINEERED TIMBER

Innovative and high-performance pressing solutions for glulam and cross-laminated timber. Our advanced presses handle straight, curved, cambered, and blockhouse beams, as well as single-layer and cross-laminated panels. Designed for adaptability and productivity, they accommodate everything from custom batches to high-volume production, offering optimized capacity and automation options ranging from semi-automated to fully automated systems.



*Press for
Success*



AUTOMATION SOLUTIONS

With extensive expertise, Ledinek delivers customer-focused solutions tailored to specific needs. From design and planning to manufacturing, commissioning, and staff training, our commitment to quality and innovation ensures exceptional results and lasting success.



*Optimization starts
with Automation!*



QUALITY YOU CAN TRUST

We Partner with Industry-Leading Suppliers

At Ledinek, quality is our top priority. Our commitment to excellence drives us to work exclusively with the most reputable suppliers. When it comes to installation components and material procurement, we rely on industry leading suppliers and manufacturers. Through these collaborations, we develop reliable and innovative solutions that meet our customers' expectations.

 **HELUKABEL®**

SIEMENS

FESTO

Lenze



ABB

WEG

 **FAG**

SKF

SICK
Sensor Intelligence.

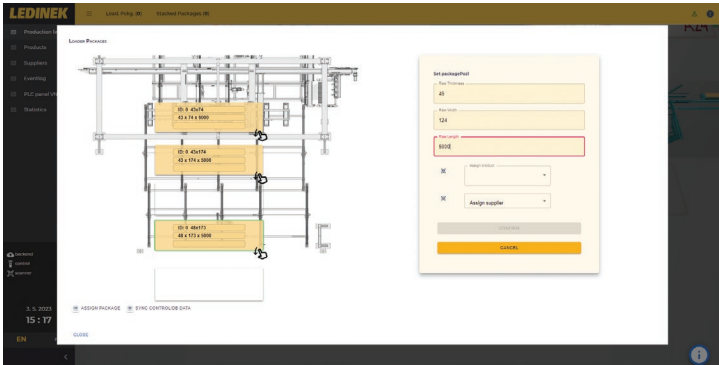
HAWES
HYDRAULIK

PC PROCESS CONTROL

We offer system solutions with Siemens Simatic S7 control systems for individual machines with or without HMI as well as for networked plants with multiple control points.

We use Profibus, Profisafe, Profinet, Ethernet, Ethercat and other networks. HMI operating systems are all individually programmed and made-to-measure. Large size Touchdisplays support the enhanced visualization of process control and make the operation of the most sophisticated processes as easy as possible.

PLC control and MES systems are essential in the development of modern automation concepts.



INDUSTRIAL PLC CONTROL

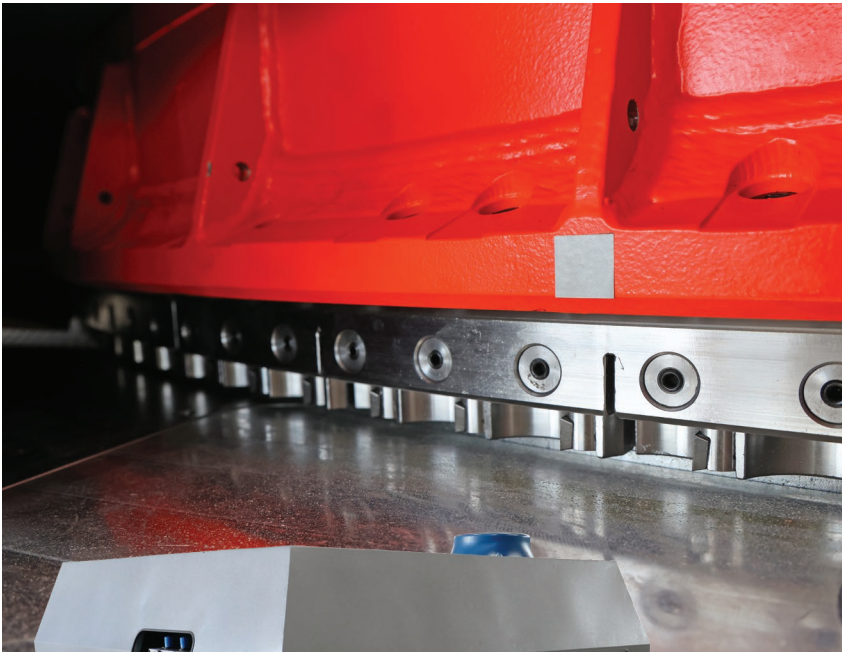
Production planning and control system for Engineered Timber production. ERP data management, raw material warehouse management, finished goods warehouse management, production planning and optimization, package creation, interface to enterprise resource planning, interface to other providers.



SPECIAL

Exploration drives our innovation and over the years, we have developed a diverse range of specialized solutions like Dekoplan, Rotoplast, Parquet machines, and Cooperage machines.

We design both custom-built solutions and widely adopted product families, always staying true to our expertise while expanding possibilities. By integrating standard components into specialized machines, we create advanced solutions that not only enhance efficiency but also redefine industry standards.

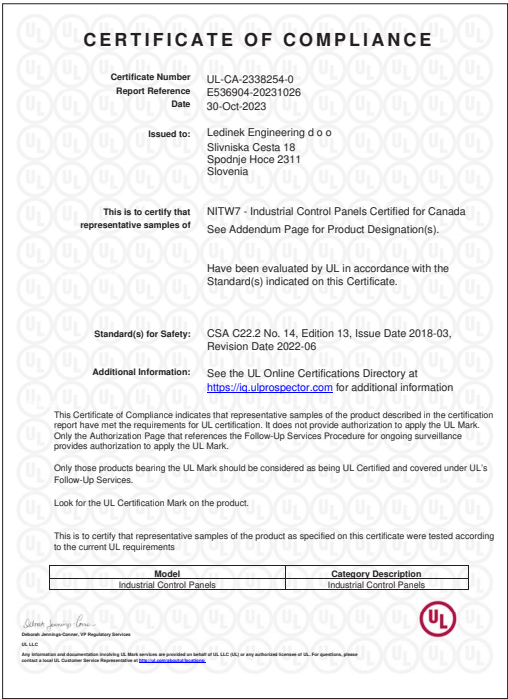


*Built on Experience,
Driven by Innovation!*

UL CERTIFIED PANEL BUILDER

Ledinek Engineering designs, builds, and programs control panels for a wide range of industrial applications that need to meet stringent UL 508A standards.

Each project exemplifies our dedication to precision engineering, strategic design, and superior craftsmanship. Our equipment is either custom-built or designed to specification, is UL 508A certified, and comes with comprehensive documentation. We also offer systems integration, installation, and field services to support our equipment.

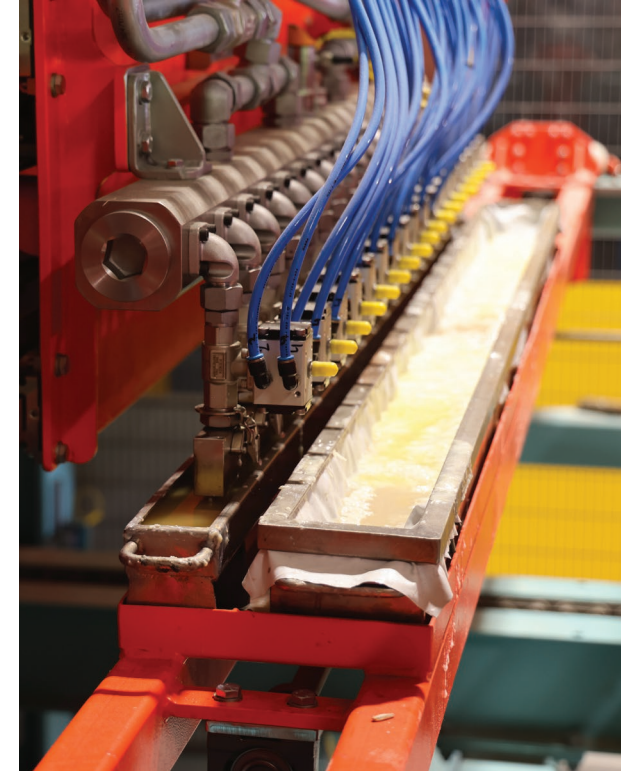
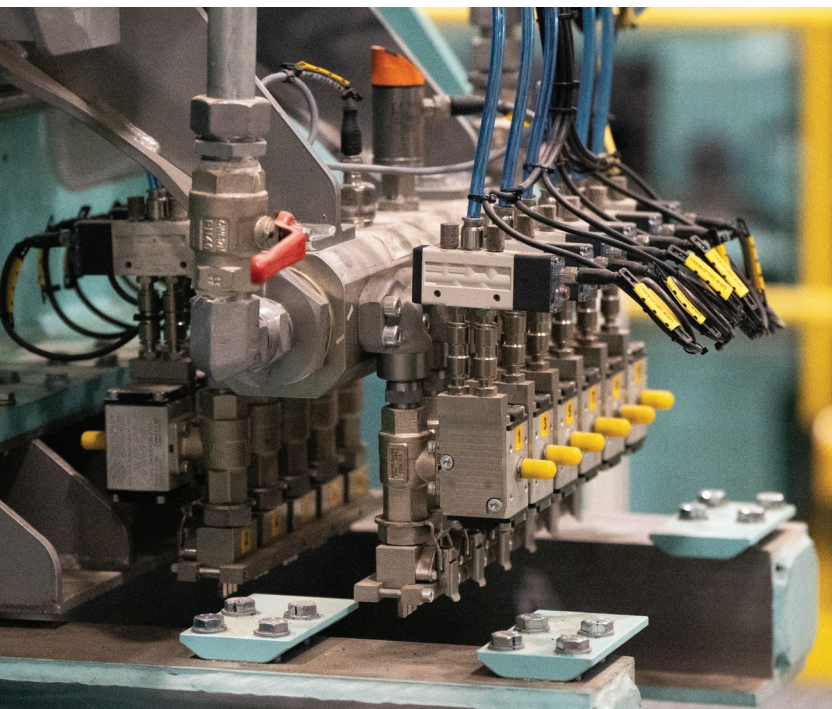


GLUE APPLICATION

AUTOMATIC APPLICATION SYSTEMS FOR 1C PUR ADHESIVES

Complete surface glue application solution for industrial GLULAM production lines, consisting of heavy-duty lamella feeding and guidance systems with integrated automatic glue application systems.

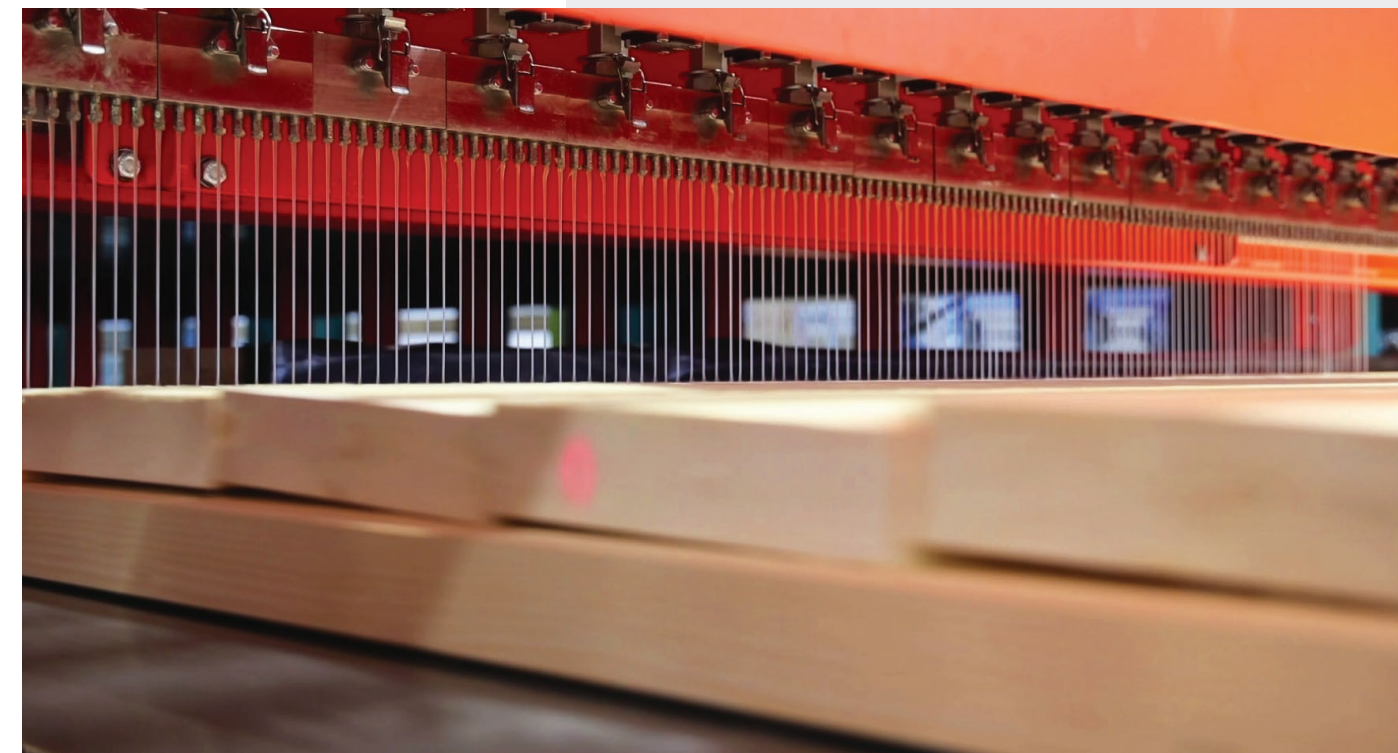
- Precise symmetrical surface application regardless of the lamella width and curvature
- Exact glue quantity spreads at speeds of up to 400 m/min and up to 620 mm lamella widths



AUTOMATIC APPLICATION SYSTEMS FOR 1C PUR ADHESIVES

Complete surface glue application systems for different Ledinek CLT presses, a warranty for industrial production quality of standard and narrow CTL panels.

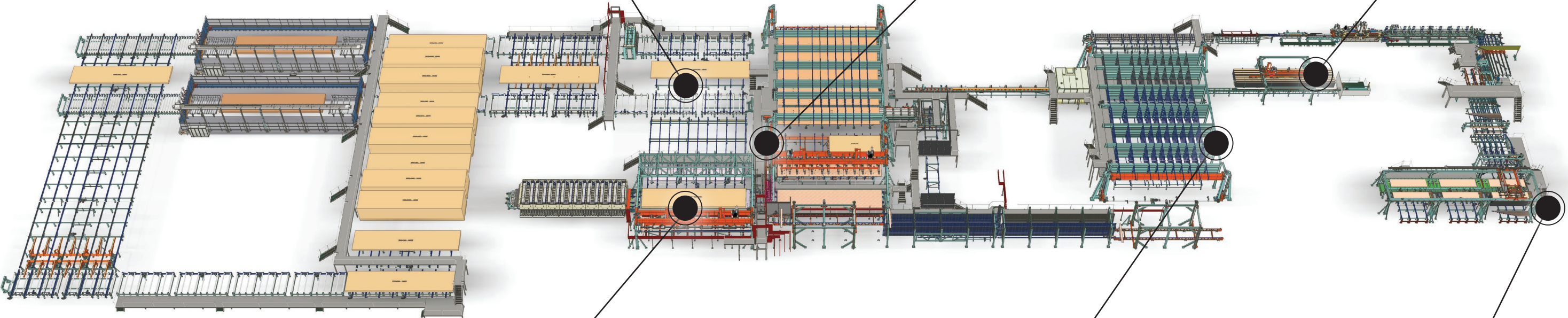
- Exact glue quantity spreads at speeds of up to 150 m/min and panel widths of up to 3.600 mm
- Heavy-duty, robust and with almost no maintenance



SIGNIFICANT PROJECTS

SÖDRA-Sweden

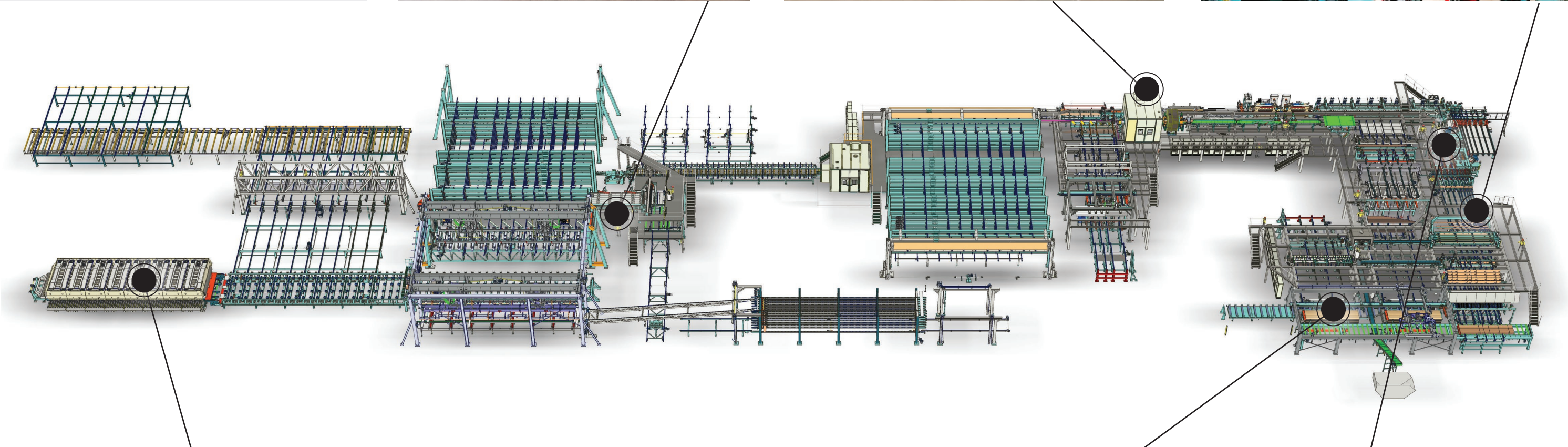
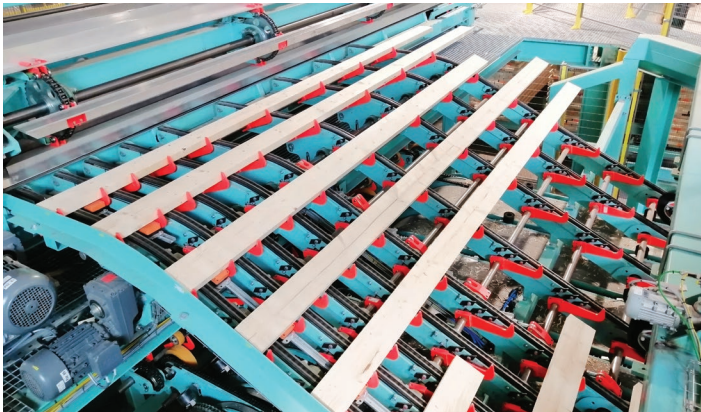
Location: Väröbacka / Sweden
Project Leader: Lina Ahlgren
Production Manager: Krister Norberg
Employees: 100
Species: Spruce
Operators: 14 per shift
Production capacity: 100,000 m³ / year



SIGNIFICANT PROJECTS

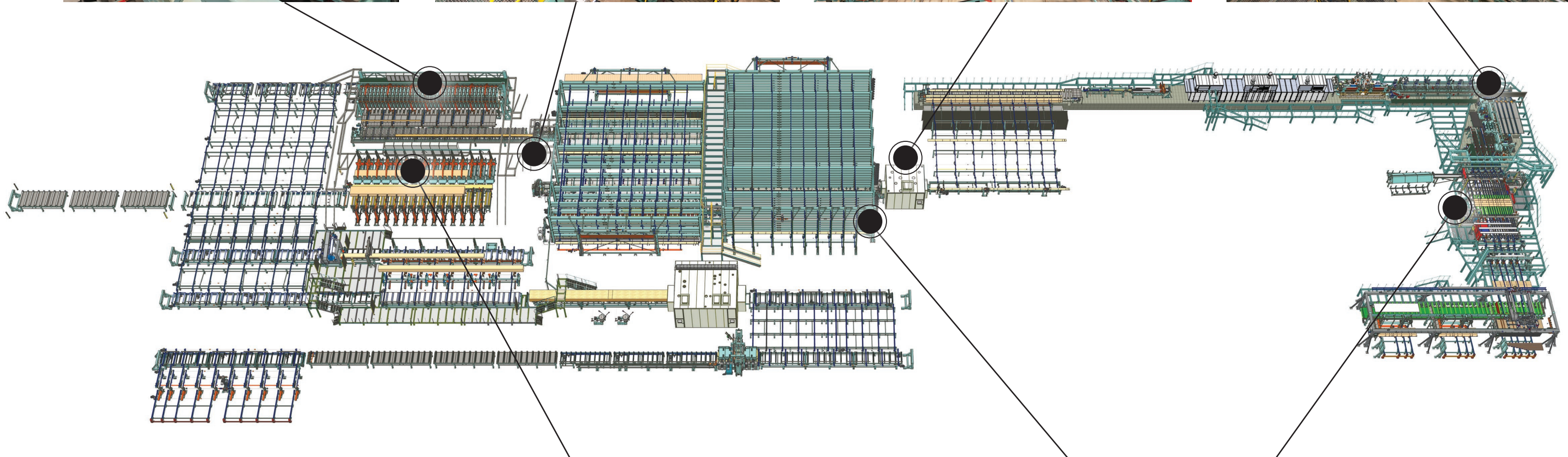
ANTE HOLZ-Germany

Location: Berga Sachsen-Anhalt / Germany
CEO: Jürgen Ante
Project leader: DI Hubert Teufel
Employees: 50
Timber species: Spruce
Production capacity: over 100.000 m³ / Year

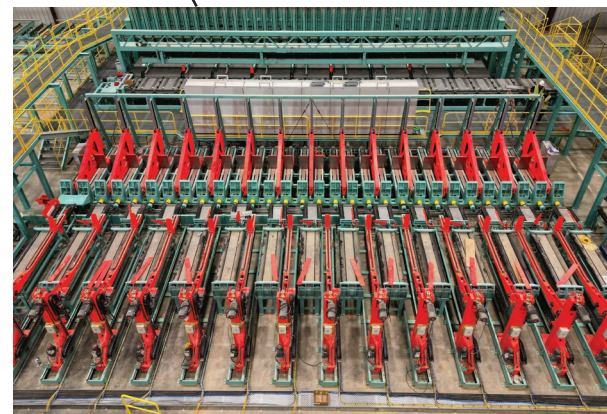


SIGNIFICANT PROJECTS

SMARTLAM-USA

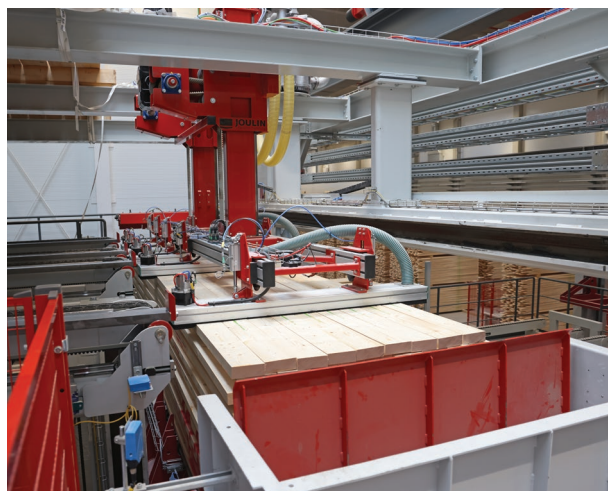
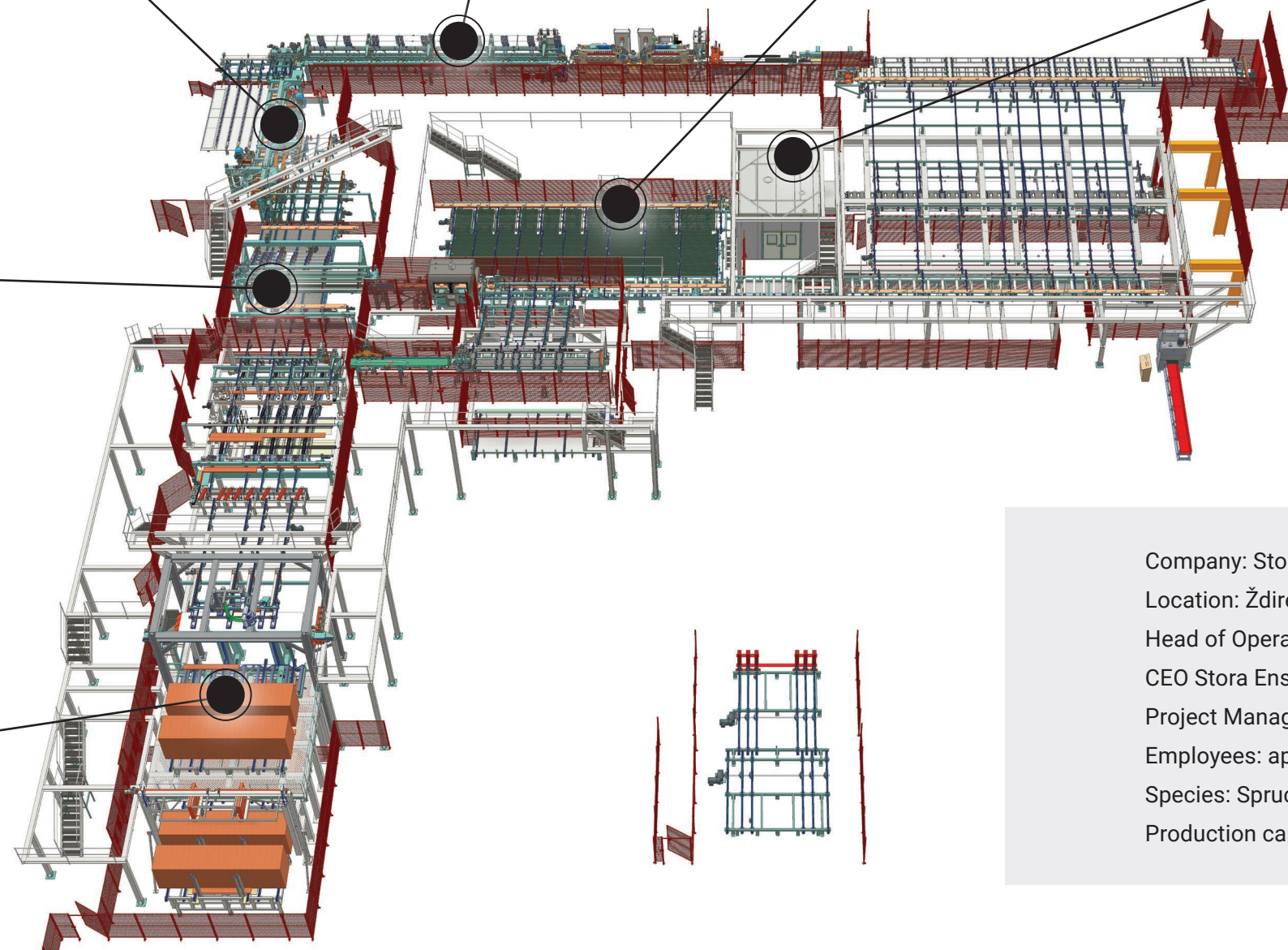
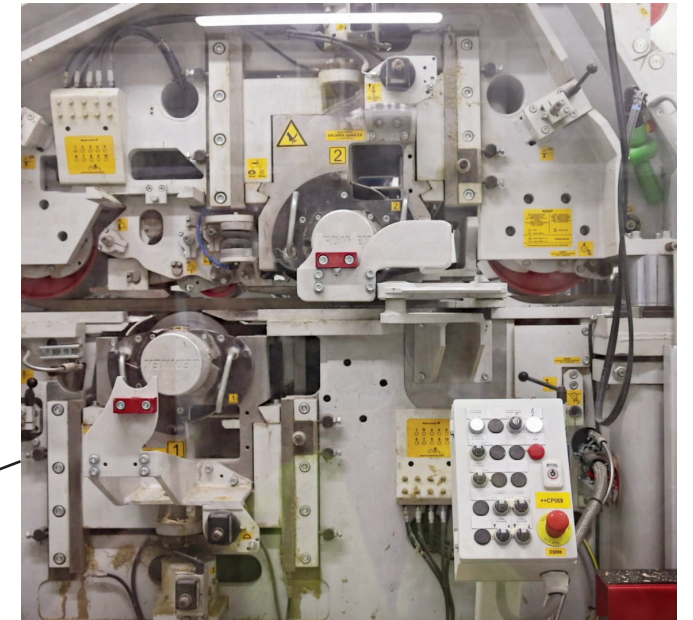
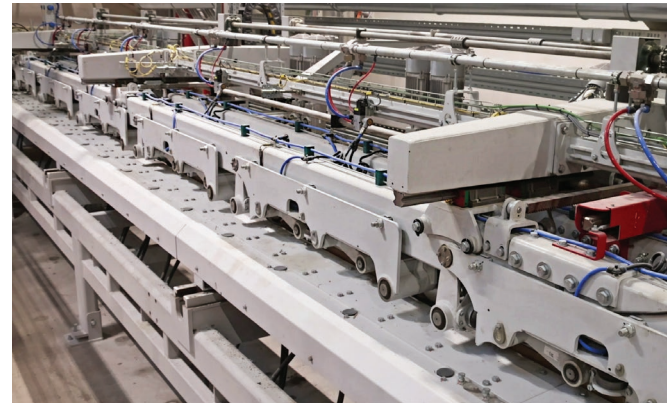
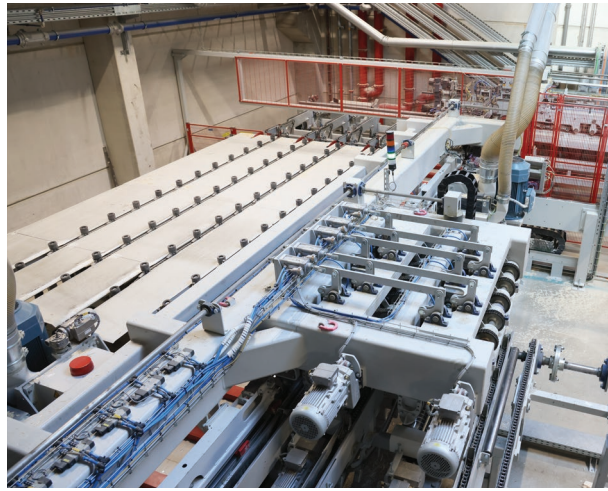


Location: Dothan Alabama / USA
Project Leader: Rob Garrison (Peak NA),
Derek Ratchford
Production Manager: Stanton Grisham
Species: Southern yellow pine / SYP
Operators: 9/10
Production capacity: 100.000m³ / y = 42.300 MBF / y



SIGNIFICANT PROJECTS

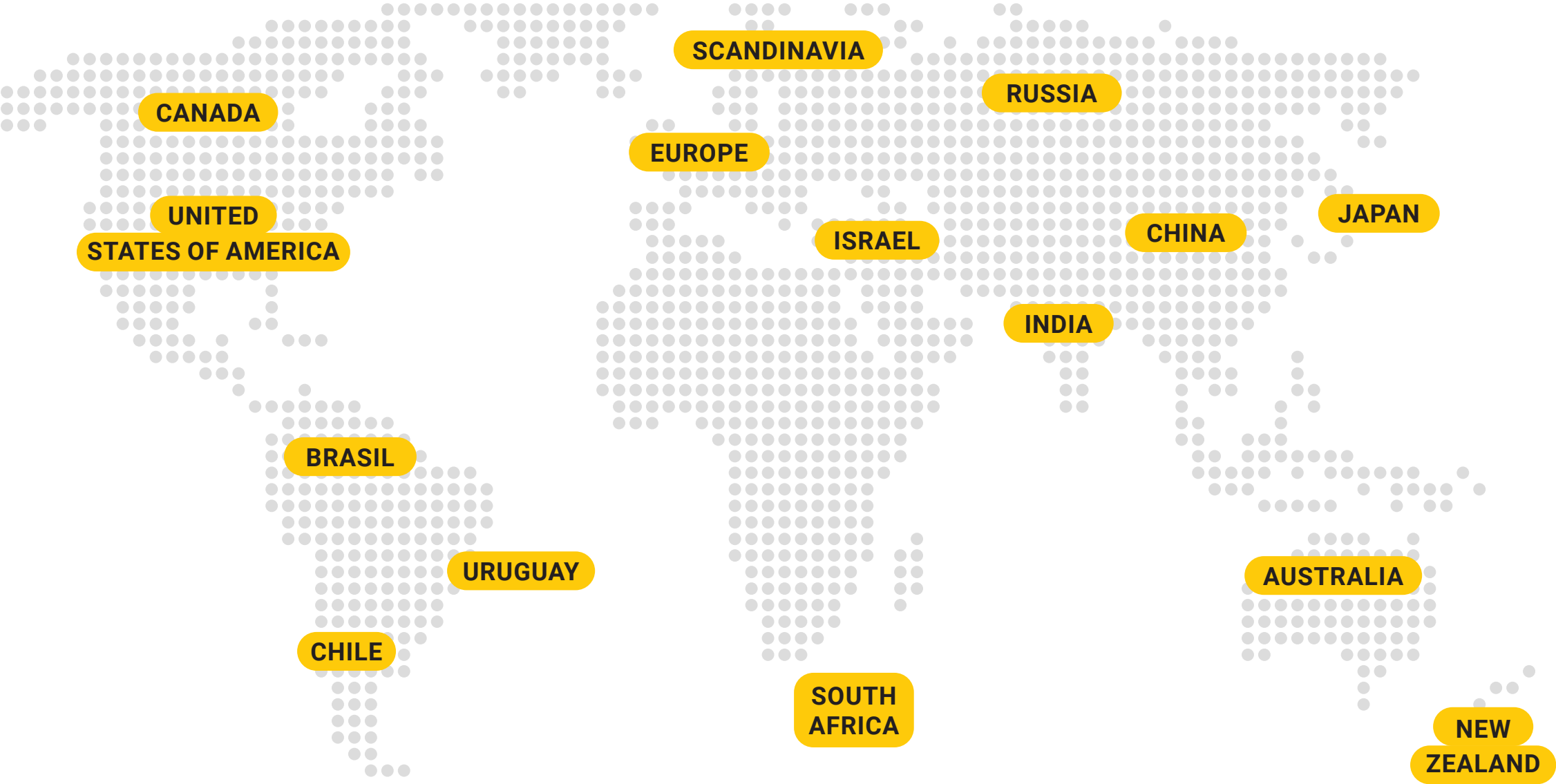
STORA ENSO – Czech Republic




Company: Stora Enso Wood Products Ždírč s.r.o.
Location: Ždírč nad Doubravou / Czech Republic
Head of Operations Wood Product SE: Herbert Jöbstl
CEO Stora Enso CZ units: Frantisek Vicha
Project Manager: Markus Weiss-Moser
Employees: approx. 110 (4 shift operation)
Species: Spruce
Production capacity: 120,000 m³ / y (4 shift operation)


LEDINEK WORLDWIDE

The company has its representatives in 25 countries worldwide, 15 European and 10 overseas. As a middle-size company, we work globally and we are present with our products on all five continents. With Central European and Scandinavian countries as our prevailing markets we are gradually rising our share of sales on the overseas markets.





2820+
PROJECTS



1395+
CLIENTS



55
COUNTRIES
WORLDWIDE

REFERENCES



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