

NEFAB

COMPANY OVERVIEW

WE SAVE RESOURCES IN SUPPLY CHAINS,
FOR A BETTER TOMORROW.

NEFAB
SAVING RESOURCES

About us

We save resources in supply chains, for a better tomorrow

Nefab saves environmental and financial resources by optimizing supply chains. We do this by innovating together with our customers to createsmarter packaging and logistics solutions while always respecting people and high ethical standards. This contributes to a better tomorrow for our customers, for society and for the environment.

With more than 75 years of experience combined with competence and presence in 37 countries, we offer global solutions and local service worldwide to companies in industries such as Telecom, Datacom, Semicon, Energy, Healthcare equipment, Mining & Construction, and LiB & E-mobility. Nefab Group has close to 4,700 employees spread across 37 countries, with a yearly turnover of 10.3 BSEK. The owners are the Nordgren/Pihl family and FAM AB, a privately owned holding company within the Wallenberg Ecosystem.

It's about innovating together

Nefab has a long legacy of innovation that origins from a simple, innovative idea. In the late 1940s, Nefab developed a heat-resistant bread box that prevented them from being crumpled due to the heat of the bread. As the decades went by, Nefab's reputation as an innovative and sustainable packaging supplier grew, and the company began offering complete engineered packaging solutions to customers from all over the world.

Rooted on a strong heritage and culture, Nefab's continued growth has thrived through innovating together with customers and expanding offerings. Fiber-based solutions, thermoformed solutions, lithium-ion battery packaging, last mile optimization, and logistics services are some of the newest additions to Nefab's growing portfolio. The company is also constantly adding new sites and capabilities to support customers with a combination of local services and global supply.

Global Reach and Local Presence

Today, Nefab's global presence spans 37 countries. Every day, our 4,697 employees provide top-quality packaging solutions and logistics services that help our customers save both financial and environmental resources in their supply chains. We are proud to offer our customers the same solution in every location where we are present.



AMERICAS

Number of units* **>28**
Number of employees **>1 517**
Number of test laboratories **1**

EUROPE

Number of units* **>70**
Number of employees **>1 989**
Number of test laboratories **2**

ASIA

Number of units* **>40**
Number of employees **>1 103**
Number of test laboratories **3**

*Sales, production, or service unit

Saving Resources

Nefab's purpose stems from its history and gives rise to broad value creation for customers, society, and the environment.

For Nefab, having a purpose is an energising force that drives engagement, growth, and development. Besides enabling a stronger organisational culture, purpose attracts the best talent, stimulates richer

innovation, takes customer relationships to a deeper level, and engages a wider external audience, providing growth opportunities through partnerships and acquisitions.

OUR PURPOSE		WE SAVE RESOURCES IN SUPPLY CHAINS, FOR A BETTER TOMORROW		
Our business strategy	Our value statement	We save financial and environmental resources by optimising supply chains. It's about innovating together to create smarter packaging and logistics solutions, while always respecting people and high ethical standards. This contributes to a better tomorrow for our customers, society, and the environment.		
	Our competitive advantages	Unlike our competitors, we deliver sustainable and innovative packaging solutions and logistics services worldwide.		
		In-house design & engineering	Global services & supply capacity	Global customer relations

Living our purpose

Nefab brings its purpose to life by developing a clear strategic roadmap covering ESG (Environment, Social, and Corporate Governance).

AREAS OF ACTION

- **CUSTOMER SUPPLY CHAIN:** by developing innovative and optimised packaging and logistics solutions which reduce total cost and carbon emissions in our customers' supply chains. The savings are quantified with GreenCalc, Nefab's certified LCA software.
- **WASTE & CIRCULARITY:** by supporting customers' transition to circular business models with sustainable packaging and services, and by optimising our own waste through turning it into value for Nefab and its partners.
- **OUR OWN SUPPLY CHAIN:** by maximising sustainability measures in our own operations, with continuous improvement of environmental management systems, evaluation of suppliers, and responsible sourcing of raw materials.

GreenCalc is used to measure and monitor key objectives for Nefab and our customers. GreenCalc is an LCA (Lifecycle Analysis) software that calculates financial and environmental data for packaging and

logistics flows. Based on this information, Nefab's engineers can design new solutions aimed at reducing customers' carbon footprint and total cost in their own supply chains.



RAW MATERIAL



PRODUCTION



PRODUCT END-OF-LIFE



TRANSPORT



With the help of GreenCalc, Nefab can support customers' sustainability initiatives by:

- Evaluating the environmental impact of current and potential packaging solutions
- Identifying areas for improvement that can be used to develop a new packaging design
- Quantifying a wide range of climate impact parameters through a detailed analysis of multiple criteria
- Implementing complete packaging solutions that are optimised in terms of total cost and environmental impact

GreenCalc: enabling data-driven solutions for sustainable supply chains



GATHER DATA

PROPOSE DESIGN SOLUTION

GREENCALC REPORT

IMPLEMENTATION

THE GREENCALC PROCESS

Customer offering

Nefab offers packaging and logistics solutions that reduce customers' environmental impact and logistics costs. By adapting packaging materials and logistics services to a specific product and its supply chain, it is possible to optimise both environmental impact and cost factors throughout the supply chain.

After evaluating the customer's current product, packaging process and supply chain, Nefab designs a new optimised solution that can save resources both financially and environmentally in the customer's supply chain. The first step is to ensure product protection corresponding to the characteristics of the product, such as sensitivity to shock, vibration, and moisture. The packaging is also optimized for logistical flow, taking into account various cost drivers. Once the packaging designer has all the specifications and materials required by the circumstances, the next step is to develop complete and sustainable packaging and logistics solutions that are customised for the customer's process. The result is a lower overall cost and reduced environmental impact.



REDUCED COST AND ENVIRONMENTAL IMPACT

Packaging costs constitute a small portion of a manufacturing company's total costs. However, the selection of packaging solutions has an indirect impact on other significant cost categories such as handling, transportation, and the environment. Packaging costs typically represent 0.5-1.0% of the customer's sales value for customers in Nefab's target group, while total logistics costs can be five to ten times higher. Thus, companies which carefully evaluate their packaging options can make significant cost and environmental savings.



MULTI-MATERIAL ENGINEERED SOLUTIONS

The process of designing a packaging solution begins after the customer's product, packaging process, and supply chain have been examined. In addition to creating product protection based on product characteristics such as sensitivity to shock, vibration, and moisture, the packaging is also optimised for the In addition to creating product protection based on product characteristics such as sensitivity to shock, vibration, and moisture, the packaging is also optimized for the specific logistics flow.



GLOBAL SUPPLY AND SERVICE

Nefab is present in Asia, Europe, and North and South America. Each region has a well-established organisation with its own engineers and test laboratories, ready to tackle the complex challenges of packaging and logistics solutions in collaboration with our experienced sales and engineering teams. Our products and services are delivered by more than 100 Nefab manufacturing and service units around the world. Our concept places great value on packaging design, material properties and understanding of logistics flows. Nefab has a global network of more than 200 engineers who develop, design, and validate customers' unique packaging solutions daily.



Complete packaging and logistics solutions



Scan the QR-code to discover Nefab's solutions

Nefab offers packaging solutions and logistics services that save resources in supply chains. Our multi-material approach, including wood, plywood, steel, fiber-based, and plastic packaging, provides our customers with a wide range of options to choose from based on their specific needs.

Additionally, Nefab's logistics services cover various aspects of the supply chain, such as receiving, inspecting, storing, picking, kitting, packing, and transport loading. This end-to-end service ensures

that customers can rely on Nefab for efficient handling and transportation of their goods.

Another essential aspect of our offerings is the focus on sustainability. With GreenCalc, Nefab's trusted LCA (Life-cycle Assessment) software, we measure and analyze every step of our customers' supply chains. By using this data-driven approach, in collaboration with our customers we develop smarter solutions that reduce cost and environmental impact in supply chains.

Focus on innovative and sustainable solutions

Nefab provides complete, multi-material packaging solutions, engineered to mitigate environmental impact while maintaining the highest possible performance.

We continue to invest further in circular packaging solutions and returnable flows. Notable examples are our fiber-based packaging solutions and thermoformed trays and cushioning capabilities.

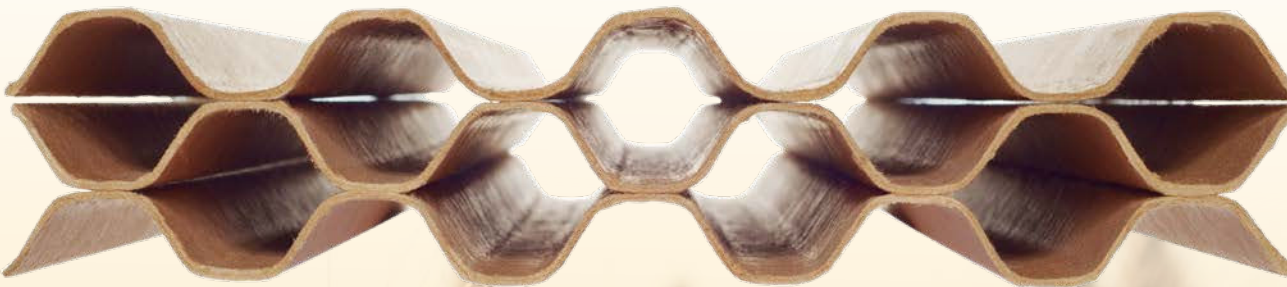
In addition, our broad portfolio of connected devices allows Nefab to track and trace packaging in real time around the world. By measuring its temperature, shock, humidity, CO₂ eq emissions, and more, we can ensure that optimal conditions are met during shipment.

Learn more about some of our innovations and sustainable solutions in the next section.

Fiber-based packaging solutions

FiberFlute

Nefab's FiberFlute is a sustainable packaging solution that provides excellent shock absorption for a wide range of products. It is environmentally friendly and 100% recyclable. FiberFlute contributes to a better, more sustainable society without sacrificing functionality.



EdgePak Straw

Nefab's EdgePak Straw is a fiber-based packaging solution providing stacking strength and easy handling with a low carbon footprint. The innovative design creates a solution that is as strong as plywood and has a higher stacking strength than a triple-wall box. The solution is easy to handle and can be assembled without nails, creating a noise-free and safe working environment at both the packing and unpacking site. It also results in a small environmental impact, as it can also be recycled anywhere in the world.



Sustainable plastic packaging solutions

Nefab's thermoformed solutions are designed with reduced material and applicable to circular flows. This is how we can keep plastic in use and out of nature.

STEP 1

Collect and transport thermoformed plastic waste for recycling



STEP 2

After cleaning (if necessary), the plastic waste goes through a grinding process



STEP 3

The result is ground material ready for a new extrusion process



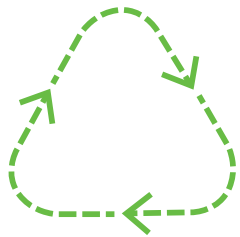
STEP 4

New raw material produced as a result of the re-extrusion process



STEP 5

Production of recycled thermoformed packaging



Thermoformed solutions

Nefab offers a range of sustainable plastic packaging, including thermoformed trays and shock absorbing applications. Both are made primarily from recycled plastic and 100% recyclable materials, and are an effective option for one-way flows, as well as return flows and circular flows. These solutions are also ideal for automated production lines which require precision packaging due to robotic handling, as they are designed to provide strong protection and to meet specific product and

regulatory requirements. Nefab's thermoformed solutions are available worldwide for a number of industries, including Automotive, Electronics, Telecoms, Aerospace and Lithium-ion Battery (LiB) market segments.





Working together for a better tomorrow

CORE VALUES AND WORKING METHODS

Nefab's core values: Simplicity, Respect, and Empowerment were formulated by Hans-Elov Nordgren, Nefab's founder, and are today the guiding principles for more than 4,000 Nefab employees around the world. Our working methods are shared by all our people: Customer First, Cooperation & Communication. In short, these mean we expect everyone in the organisation to respect the environment and to prioritise customer needs. Our organisation focuses on communication and close cooperation to share knowledge and ensure high quality delivery to our customers. Employees are also encouraged to come up with ideas to simplify both internal processes and those affecting the customer. These joint working methods are strong contributing factors to Nefab's market advantage over local competitors.



Connected devices

An effective way to reduce resource usage is to connect packaging in return flows and packaging pools to a network. This can increase efficiency by as much as 65%, saving resources in supply chains. With a wide portfolio of connected devices, Nefab can track packages worldwide in real time, measuring temperature, shock, humidity, and other factors to ensure optimal transport conditions. Nefab has created a technology-independent software that tracks connected packaging and provides full interopera-

bility across different systems. Currently, our network partners with over 70 "plug & play" devices using different technologies and monitors over 80 million events daily in more than 100 countries worldwide. This means that new, cheaper devices, regardless of the underlying technology (e.g. QR, RFID, connected gateways, GPS, Bluetooth, etc.), can be added to the existing fleet of devices without replacing the current equipment and infrastructure.



WE SAVE RESOURCES IN SUPPLY CHAINS, FOR A BETTER TOMORROW

Global reach and local presence



COMPLETE PACKAGING
SOLUTIONS



GLOBAL SUPPLY AND
LOCAL SERVICES



REDUCED TOTAL COST
AND CO₂ EMISSIONS

Nefab saves environmental and financial resources by optimizing supply chains. We do this by innovating together with our customers to create smarter packaging and logistics solutions while always respecting people and high ethical standards. This contributes to a better tomorrow for our customers, for society, and for the environment.

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