BRCGS Packaging Materials CERTIFICATED · FSC WÄLDER FÜR IMMER FÜR ALLE · WPO WORLD PACKAGING ORGANISATION WORLDSTAR WINNER 2024 · DIELINE AWARDS 2023 EDITOR'S CHOICE · MADE IN GERMANY

EN-2024/04-V1

TAHSIN DAG

FOUNDER & CEO – PAPACKS®
President of the European Moulded Pulp Producer Association (EMPPA)
CEO OF THE YEAR (European CEO Awards 2024)

"There is always a solution! Everything that is conceivable is also feasible."

As the founder and CEO of PAPACKS® and President of the European Moulded Pulp Producer Association (EMPPA), Tahsin stands at the forefront of sustainable packaging innovation.

Since launching PAPACKS® in Cologne in 2013, he's expanded it into a leading enterprise with ten subsidiaries, revolutionizing the industry with eco-friendly materials and barrier coatings.

Drawing from his rich background at giants like Danone and Red Bull, Tahsin's drive for a plastic-free packaging world harmonizes functionality with aesthetics.

Recognized as a sustainability advisor across Europe, his vision extends beyond packaging, influencing both industry standards and environmental policies.

Tahsin's leadership in EMPPA underscores his commitment to green manufacturing, establishing him as a visionary and marketing expert ahead of industry trends.

SHAPING THE FUTURE WITH SUSTAINABLE PACKAGING SOLUTIONS

INSIGHT INTO INNOVATIVE MOLDED FIBER PACKAGING

Sustainability redefined
Introducing new, eco-friendly materials that minimize carbon footprint and promote recycling.

Technology meets tradition
How modern technologies are revolutionizing traditional fiber packaging methods and what that means for the industry.

From theory to practice
Case studies demonstrating how innovative fiber packaging is being used successfully in different industries.

PAPACKS®
PACKAGING BY NATURE

PAPACKS® RAW MATERIAL

PLASTIC-FREE — HOME-COMPOSTABLE — DIRECT FOOD CONTACT SAFE

PAPACKS® aims for a future in which no plastic is used in packaging — but also a future where no trees are cut down for the production of sustainable packaging products. Through our research for raw materials, we also seek to promote the increasingly important biodiversity of our nature in the future.

VIRGIN FIBER / CELLULAR MATERIALS

PAPACKS® VIRGIN FIBER is a white virgin fiber from tree cellulose for all molded pulp parts with high requirements and ready for use in the circular economy.

PLANT-BASED-COATING FOR BARRIERS

PAPACKS® PLANT-BASED COATING is directly applicable on the fibers and is a plastic-free and recyclable solution developed for OTR and WVTR barriers.

INDUSTRIAL HEMP PULP

PAPACKS® INDUSTRIAL HEMP reduces deforestation, with the future-oriented renewable raw material. Lower CO_2 emissions throughout the entire life cycle of the raw material hemp.

PAPACKS® GREEN ROBOTICS

PIONEERS FOR SUSTAINABLE ROBOTICS SOLUTIONS

PAPACKS® GREEN ROBOTICS pioneers sustainable automation by merging eco-friendly packaging expertise with advanced robotic solutions. Committed to environmental responsibility, the company designs robots that actively reduce plastic waste for a cleaner, greener future. Specializing in innovative, eco-conscious automation, PAPACKS® GREEN ROBOTICS integrates cutting-edge technologies seamlessly, enabling businesses to automate processes while maintaining a commitment to sustainability.

Their versatile solutions, applicable to manufacturing, packaging, and shipping, cater to diverse industries. Actively collaborating with environmentally conscious businesses and organizations, PAPACKS® GREEN ROBOTICS promotes the adoption of eco-friendly packaging products by implementing changes in production processes.

With a seasoned team, the company offers comprehensive support throughout the project lifecycle, ensuring a smooth transition from concept to implementation. From concept creation to project planning and technical drawings, PAPACKS® GREEN ROBOTICS supports developers, system integrators, and consultants, guaranteeing successful execution from concept to go-live.

PAPACKS®
GREEN ROBOTICS

PAPACKS® INDUSTRIAL HEMP

FUTURE'S RAW MATERIAL

PAPACKS® committed to the use of sustainable materials, leading the shift in the packaging industry with hemp. This initiative aims to replace outdated practices with environmentally friendly, efficient solutions, positioning hemp at the core of innovative packaging.




GROWTH RATE

Hemp grows much faster than trees, being harvestable in just months, while trees require years.

WATER REQUIREMENTS

Hemp, needing roughly 600 liters per ton, uses less water than trees, an efficient choice in water-scarce regions.

ECO-FRIENDLINESS

Hemp farming uses fewer pesticides and fertilizers than tree cultivation, reducing its environmental footprint.

HIGH AMOUNTS OF BIOMASS

Industrial hemp is highly ecological, capable of producing up to ten tons of biomass per hectare annually.

CO2 ABSORPTION

Hemp excels at absorbing CO2, taking in four times more than trees during its growth phase.

SOIL IMPROVEMENT

Hemp improves soil by loosening it and replenishing nutrients.

IMPROVE FOOTPRINT

RAW MATERIAL INNOVATION IN YOUR PACKAGING LIFECYCLE

Adopting a lifecycle approach to packaging development can sustainably reduce your environmental footprint by using the most suitable raw materials for the entire process.

DEVELOP CIRCULAR DESIGN

Rethink

Supply Chain

Lifecycle

UPGRADE YOUR PACKAGING

Plastic

Glass

EPS

Aluminum

UPGRADE to Fiber

IMPROVE COMPANY FOOTPRINT WITH PAPACKS MOLDED FIBER

Source CO_2 eq./kg: Calculated according to international Life Cycle Assessment standards by Kiwa ReTHiNK using our supplier and consumption data.

RESEARCH & DEVELOPMENT

MOLDED FIBER EXPERT FOR RENEWABLE RAW MATERIALS

In an era where sustainability gains importance, PAPACKS is dedicated to the research and optimization of renewable raw materials. Over a decade, we've explored over 40 different renewable sources, yielding valuable insights and innovations.

As experts in fiber optimization, we've devised methods to analyze and efficiently utilize these sustainable materials across various applications. Our mission is to provide eco-friendly solutions across a broad spectrum of industries.

WORKSHOPS & TRAININGS

THROUGH RENEWABLE RAW MATERIALS

To share our knowledge and expertise, we offer workshops and training sessions focused on renewable raw materials and their applications. These workshops empower companies and professionals to leverage our extensive experience and expertise, enabling them to implement sustainable solutions in their projects.

Our commitment to ongoing research and knowledge-sharing promotes environmentally friendly and responsible products and services, safeguarding the planet for future generations.

MOLDED FIBER

A TIME-TESTED MATERIAL FOR A SUSTAINABLE FUTURE

Molded fiber, crafted from natural, renewable sources like trees and hemp, stands out as an eco-friendly substitute for plastics and styrofoam in packaging.

Celebrated for its environmental advantages and product protection capabilities—such as superior shock absorption for delicate items—its production integrates effortlessly into recycling systems. With minimal processing and additives, molded fiber's versatility and recyclability mark it as an essential choice for minimizing ecological footprints, showcasing its pivotal role in fostering sustainability.

This revision aims to maintain a focus on the advantages for the environment and potential customers, highlighting the material's low environmental impact and its fit with recycling practices.

YOUTUBE VIMEO

FIBER UP YOUR PACKAGING

FOOD PACKAGING

DIRECT FOOD CONTACT SAFE PACKAGING

Our packaging, reinforced with PAPACKS® Plant-Based Coating, utilizes the strength of virgin fibers to meet food safety and barrier standards. Designed for direct food contact, our solutions prioritize environmental sustainability while ensuring product integrity, offering a perfect balance between eco-friendliness and food safety.

CONSUMER PACKAGING

ELEVATING WITH SUSTAINABLE PACKAGING

Elevate your product's appeal with premium packaging solutions, crafted from renewable resources for both beauty and functionality. The designs ensure a standout market presence and captivate customers, all while offering the utmost protection for your products in an eco-conscious way.

LOGISTICS PACKAGING

SAFETY IN EVERY JOURNEY

Ensure your products' integrity during transit with our sturdy transport packaging. Combining durable materials with innovative design, we focus on the safety of your products, guaranteeing they arrive in pristine condition. Our approach enhances supply chain efficiency and minimizes environmental impact.

INNOVATION PACKAGING

REDEFINING PACKAGING INNOVATIONS

Our cutting-edge packaging, made from either virgin fiber or other renewable materials and coated with a plastic-free barrier, provides a sustainable choice for diverse products, including bottles, cosmetics, medicines, and refill systems. This marks a significant leap towards the future of eco-friendly, intelligent packaging solutions.

MOLDED FIBER PRODUCT CATEGORIES

IT´S CLEAN, IT´S SMOOTH, IT´S NATURAL

LOGISTICS PACKAGING
Transport packaging solutions safeguard product integrity during transit, ensuring secure, efficient delivery while reducing environmental impact.

CONSUMER PACKAGING
High-end packaging solutions elevate product appeal, produced from renewable resources for attractive and practicality.

FOOD PACKAGING
Suitable for direct food contact. Utilize the strength of virgin fibers, enhanced with PAPACKS® PLANT-BASED-COATING, for barrier and food safety.

MEDICAL/OTC PACKAGING
Versatile applicable for cosmetic, medical, and pharmaceutical product segments. Enhance protection with PAPACKS® PLANT-BASED-COATING for essential barriers.

REFILL-CAPS & COSMETICS
Molded fiber containers with PAPACKS® PLANT-BASED-COATING for barrier protection, serve as refillable or standalone solutions for cosmetics.

FIBER BOTTLES & CONTAINERS
Innovative fiber bottles, produced in a single piece with PAPACKS® PLANT-BASED-COATING and made entirely from renewable raw materials.

SUSTAINABLE ADVENT CALENDARS
Spread joy every day with advent calendars, crafted from renewable resources. Offering an all-in-one solution, for a sustainable Christmas experience.

SNACK & NACHO BOWLS
Ideal for cinemas and events, produced from renewable raw materials. They offer an optional opportunity for advertising stickers.

DIRECT FOOD PACKAGING

DIRECT FOOD CONTACT SAFE PACKAGING

Leverage the durability of virgin fibers, fortified with PAPACKS® Plant-Based Coating, to meet barrier standards and ensure food safety. Our eco-friendly packaging solutions are tailored for direct food contact, prioritizing both environmental preservation and product integrity.

UPGRADE
from Plastic

STOP

IMPROVE FOOTPRINT

PAPACKS®
PACKAGING BY NATURE

LOGISTICS PACKAGING

SAFETY IN EVERY JOURNEY

Ensure the integrity of your products throughout transportation with our durable transport packaging solutions. Prioritizing product safety, we utilize innovative designs and materials to ensure your items arrive at their destination in pristine condition. Our solutions also contribute to a reduced environmental footprint and enhanced supply chain efficiency.

UPGRADE
from Plastic

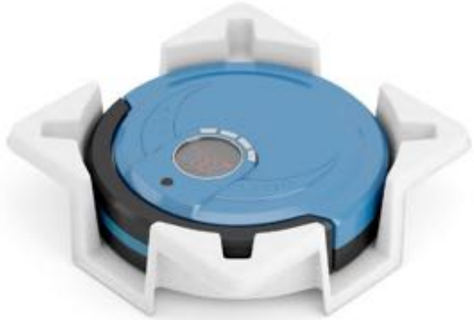
STOP

IMPROVE FOOTPRINT

CONSUMER PACKAGING

ELEVATING YOUR BRAND WITH PACKAGING

Enhance your product's appeal with our premium packaging solutions. Crafted from renewable resources and designed for both aesthetics and functionality, our packaging ensures a distinguished presence. Captivate customers while safeguarding your product in the most eco-friendly manner possible.



UPGRADE
from Plastic

STOP

IMPROVE FOOTPRINT

COSMETICS & MEDICAL PACKAGING

FIBER TRANSFORMS THE COSMETIC AND MEDICAL WORLDS

Experience the future of packaging with our innovative fiber forms, meticulously tailored for the cosmetic, medical, and pharmaceutical sectors. Our products offer sustainable packaging solutions and provide enhanced barrier protection with PAPACKS® Plant-Based Coating.

UPGRADE
from Plastic

STOP

IMPROVE FOOTPRINT

REFILL CAPS BY PAPACKS®

REFILL CAN IMPROVE FOUR TIMES CO2 EMISSIONS

Molded fiber containers, fortified with PAPACKS® Plant-Based-Coating for barrier protection, are versatile solutions for cosmetics, whether used as refillable options or standalone containers.

UPGRADE
from Plastic

STOP

IMPROVE FOOTPRINT

FIBER BOTTLE & CONTAINER INNOVATION

REDEFINING PACKAGING INNOVATIONS

Innovative fiber bottles, seamlessly with PAPACKS® Plant-Based-Coating. Entirely plastic-free and from fiber monomaterial. Provides a sustainable solution for various products, including bottles and containers. Represents the future of eco-friendly, intelligent packaging.

UPGRADE
from Plastic

STOP

IMPROVE FOOTPRINT

COFFEE CAPSULE PRACTICE

READY FOR THE MARKET SUSTAINABLE AND SIMPLE

The coffee capsule, jointly developed in more than five years of fantastic collaboration with Euro-Caps and PAPACKS and made from renewable, FSC®-certified raw materials, represents a significant advance in the sustainable packaging industry. It minimizes waste on a large scale and optimizes the use of resources.

It is with great pride and pleasure that we also announce that PAPACKS and Euro-Caps have been awarded the prestigious WorldStar Packaging Award 2024 for their innovative fibre-based coffee capsule.

This honor from the World Packaging Organization (WPO) is recognition of our ongoing commitment to sustainability and high-quality standards.

EURO CAPS

WPO WORLD PACKAGING ORGANISATION

WORLDSTAR WINNER 2024

YOUTUBE

ONE PAGE – ONE COMPANY

PAPACKS – PACKAGING FOR TOMORROW

Our expertise in sustainable molded fiber packaging combines innovative patents with a focus on sustainability and economic viability. We contribute to both the advancement of your business and the positive, long-term environmental impact.

MOLDED FIBER

Design
Innovation
Research & Development
Production
Supply

It's clean · It's smooth · It's natural

PACKAGING FOR TOMORROW

PAPACKS®
PACKAGING BY NATURE

4 PRODUCTIONS IN EUROPE

Production facilities in Germany (Arnstadt, Thuringia) and the Netherlands (Appingedam, Groningen).

120 EMPLOYEES

Over 120 international employees whose expertise expands the foundations of PAPACKS every day.

+ 600 MILLION CAPACITY P.A.

Increasing production capabilities allow us to deliver industrial solutions with significant impact.

10 YEARS OF INNOVATIONS

Advanced innovation in molded fiber, raw materials, manufacturing techniques for sophisticated shapes and barrier coatings without plastic.

+ 75 PATENTS WORLDWIDE

Pending patents for designs, products, raw materials and new manufacturing processes in molded fiber and innovative plant-based coatings.

+ 30 AWARDS WINNING

Sustainable innovative spirit pays off - various international awards.

4 INTERNATIONAL OFFICES

Offices in Germany - Cologne, Netherlands, Czech Republic - Prague and the USA - New York.

10 NATIONALITIES WORKING

For us, sustainability means international collaboration - regardless of origin.

2,000 HA. HEMP CULTIVATION

Emphasizing independence, sustainability, and quality, we focus on industrial hemp as the key raw material for molded fiber solutions.

PAPACKS® PRODUCTIONS

OUR PRODUCTION PLANTS ACROSS EUROPE – YOUR STRATEGIC ADVANTAGE

Discover the future of packaging with PAPACKS® – We are committed to sustainable and innovative packaging solutions that are developed and manufactured in line with a circular economy in Germany and Europe. Benefit from the highest capacity availability and reliable delivery, ongoing research and development, as well as our dedication to fair production practices.

PAPACKS® GIGAFACTORY 1
Arnstadt/Thuringia (FOODSAFE/MEDICAL)

PAPACKS® GIGAFACTORY 2
Arnstadt/Thuringia (FOODSAFE/MEDICAL)

Certification according to the hygiene standards for packaging material manufacturers of primary packaging and further management systems according to ISO 9001:2015.

PAPACKS® GIGAFACTORY 4
Appingedam/Netherland (FOODSAFE)

Certification according to the hygiene standards for packaging material manufacturers of primary packaging and further management systems according to ISO 9001:2015.

PAPACKS® R&D Innovation Hub
Cologne/NRW (INDUSTRIAL)

Our place for technical innovations, small batch production, further development of our 3D tooling technology and raw material research.

PAPACKS® HEADQUARTER
Cologne/NRW

PAPACKS® CZECH REPUBLIC
Prague/Czech Republic

PAPACKS® MANUFACTURE
Grafing, Munich/Bavaria

PAPACKS® AMERICA INC.
New York City, 1460 Broadway/USA

PAPACKS®
PACKAGING BY NATURE

AWARDS & CERTIFICATIONS

A STATEMENT FOR SUSTAINABILITY

PAPACKS® is continuously recognized for our commitment to sustainability in packaging, driving new developments and setting industry standards.

WORLDSTAR WINNER 2024 · DIELINE AWARDS 2023 EDITOR'S CHOICE · WORLDSTAR WINNER 2023 · DIELINE AWARDS 2022 WINNER · WORLDSTAR SPECIAL AWARD WINNER 2022 SUSTAINABILITY · WORLDSTAR WINNER 2022

FSC FORESTS FOR ALL FOREVER · ISO 9001:2015 · BRCGS Packaging Materials CERTIFICATED · DGNB · FOOD SAFETY EUROPE 2023 · B.A.U.M.

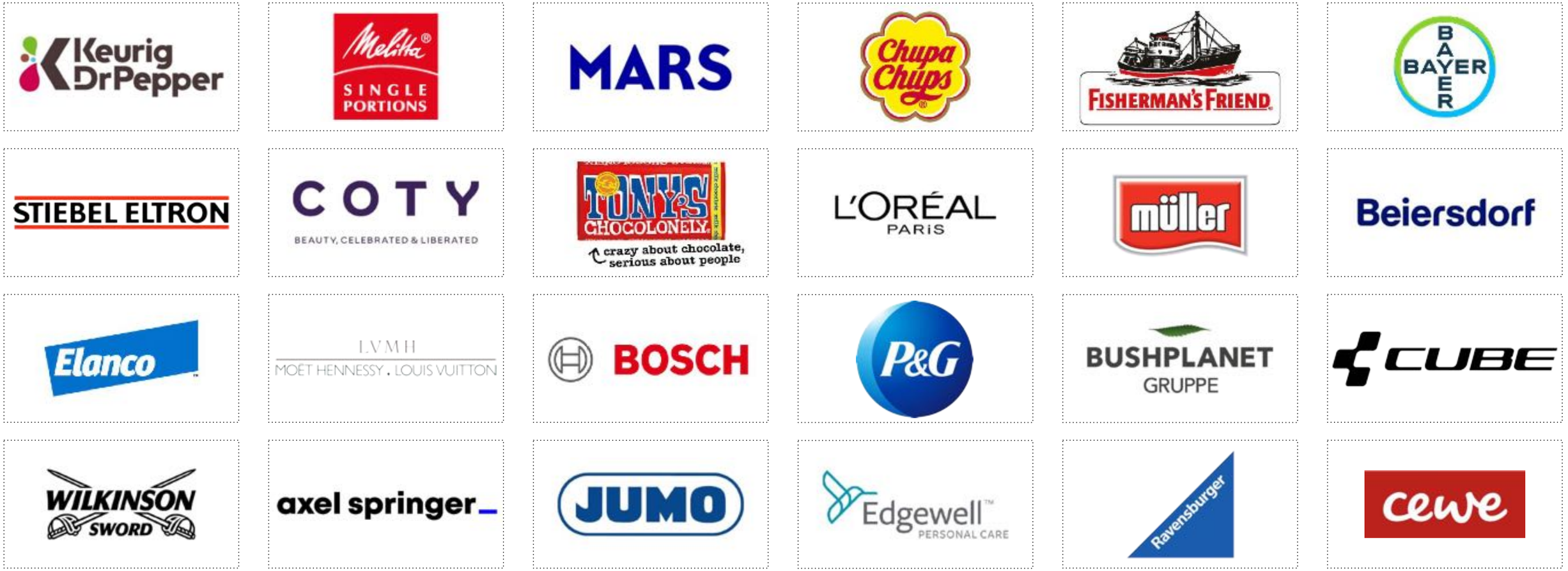
2021 shop! AWARDS GLOBAL AWARD WINNER · 2023 Gold GEWINNER · 2022 Gold GEWINNER · 2021 Gold GEWINNER · dvi DEUTSCHES VERPACKUNGS INSTITUT Wir sind Mitglied. · EMPPA EUROPEAN MOULDED PULP PRODUCERS ASSOCIATION

2020 Sonderpreis GEWINNER · DEUTSCHER VERPACKUNGS PREIS NACHHALTIGKEIT GEWINNER 2021 · NOMINIERT Deutscher Nachhaltigkeitspreis Design 2021 · NOMINIERT Deutscher Nachhaltigkeitspreis Verpackung 2021 · DESIGN AWARD 2018 · GREENTEC AWARDS

REFERENCES

INNOVATIVE PACKAGING SOLUTIONS – TRUSTED BY LEADERS

Join the ranks of our esteemed clients who benefit from innovative, sustainable packaging made from renewable resources.



PAPACKS® LICENSING MODEL

PRODUCE SUSTAINABLY – DIRECTLY ON SITE

The PAPACKS® LICENSING MODEL offers you the unique opportunity to manufacture sustainable packaging made from molded fiber. As a licensee, you will have access to our comprehensive production concept, including all technologies, machinery, and our expertise in molded fiber. Our dedicated team supports you in all areas, whether it's technical aspects, marketing, or other business matters.

Choosing the PAPACKS® LICENSING MODEL allows for reduced transportation by enabling on-site or preferred location production.

You gain from customized, optimized fiber casting production that meets your specific needs, leveraging our expertise.

YOUTUBE VIMEO

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PACKAGING FOR TOMORROW

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