

 GOLDEN ARROW

SUSTAINABLE PACKAGING  
FOR THE FUTURE







## OUR MISSION

Golden Arrow is committed to sustainability and innovation while providing clients with complete packaging solutions.

## Innovation & Sustainability

Leading green, innovative packaging technologies began with one great idea — reducing the impact on our environment and a commitment to unique, clean, and responsible manufacturing practices. Our vision to develop packaging from renewable materials has expanded into real and tangible solutions. We strive to create products and components that can be unique and beautiful, while environmentally sound.



# CORE SERVICES



ZERO EMISSIONS  
PRODUCTION



PACKAGE DESIGN &  
MANUFACTURING



MOLDED FIBER  
SOLUTIONS



PRINTING & RIGID  
SETUP BOXES



PRODUCT KITTING  
& ASSEMBLY



INTEGRATED  
VALUE CHAIN



# INNOVATIVE PACKAGING DESIGN

Creativity and innovation are driving forces behind Golden Arrow Technologies. We partner with our clients through every step of the development process to create something truly amazing. Our design is a combination of art and functionality, bringing innovation and dedication to sustainable packaging design.



## From concept to production, we make sure your packaging shines.




We provide unique, sustainable packaging solutions to industries all over the world. Going green and achieving 100% sustainable packaging has never been easier.

Our design and packaging teams can create the ultimate combination of innovation and sustainability, specifically targeted towards select consumer markets. From the initial concept to production and distribution, we are committed to making your products shine.

### LUXURY

-  COSMETICS
-  JEWELRY
-  PERFUMES

### ELECTRONICS

-  SMART HOMES
-  MOBILE DEVICES
-  WEARABLES

### CONSUMABLES

-  FOOD & SPIRITS
-  PHARMACEUTICALS
-  HEALTHCARE



# What is Molded Fiber?

## STRUCTURAL ADVANTAGE

A single layer-forming process allows additional structures to be easily added. Different from paper-substrate packaging, Molded Fiber allows diverse design possibilities without producing environmental waste or utilizing limited resources.



## BAMBOO PULP

Using bamboo significantly reduces the deforestation of trees. Bamboo can grow up to 5 feet a year!



## ECO-FRIENDLY

We use environmentally safe plant fiber as the raw material for production.



## HIGHLY PLIABLE

These materials are naturally highly pliable, allowing for diverse design possibilities.



## BAGASSE PULP

A plentiful by-product of the sugar making process that would normally be thrown away.

## Types of Molded Fiber

Our molded fiber and rigid boxes are flexible in their design and deliver a plethora of different appearances, structures, and unboxing experiences.



## GOOD KRAFT DRY PRESS

Dry press production is most commonly known as egg carton packaging and is best for larger products. It can be used beneath a finishing molded fiber tray to add structure for heavy products.



## BETTER SEMI-WET PRESS

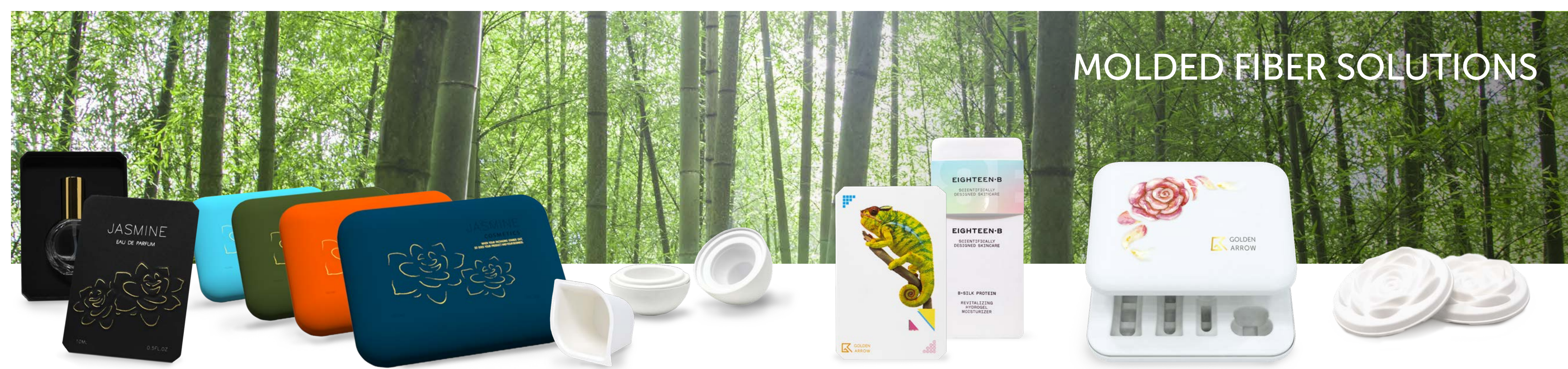
Our most common form of molded fiber production is semi-wet. The surface finish is just as natural and luxurious as premium wet press and can achieve tighter tolerances than any plastic injection molded tray while being 100% harmless to the environment.

## BEST PREMIUM WET PRESS

Do you have critically tight tolerances for your final packaging? Consider our premium wet press solutions with a meticulous tooling process for the most prestigious quality.



# MOLDED FIBER SOLUTIONS



## FOIL STAMP, EMBOSS, & DEBOSS

The relationship between your product and its package should be seamless. That's why we offer a wide range of eye-catching applications, such as embossing, debossing, foil stamping, texturing, and thermo-transfer printing to create the perfect unboxing for your unique products, including sharp features up to a 1-degree draft angle and a 1mm edge radius.

## COLOR MOLDED FIBER

Standing out on shelves with environmentally-friendly packaging is no longer impossible. Color-matched molded fiber that compliments your product and brand is here! Our team developed a closed-loop water recycling method that can remove any dye or contaminants from our wastewater while keeping it out of Earth's oceans and rivers.

## TACTILE COATING

Our biopolymer lamination is an environmentally-friendly film layer that's added between molded fiber materials and your product. Commonly used for pharmaceutical and food packaging, this film creates a matte or shiny finish while protecting the product from bamboo fiber particles.

## THERMO-TRANSFER PRINTING

Our thermo-transfer printing can be applied on any flat, molded fiber surface with quality standards up to 300 dpi. With a unique premium finish, a paper sleeve adds extra security, a cover for artwork, and additional versatility for multiple product lines that share the same outer packaging.

## COSMETIC FINISHES

We are continually working to create new and innovative finishes that are striking and unique. Molded fiber's manufacturing process naturally leaves one side textured with a customizable mesh pattern and the other side with a smooth finish. Dual lamination offers a method to achieve smooth finishes on both sides, including different colors.

## HD CONTOUR MOLDED FIBER

With its revolutionary fiber flow control system and primary packaging options, this line allows cosmetic companies the freedom to create unique, 3D custom designs from sustainable Molded Fiber. This proprietary technology challenges the previous limits of eco-friendly materials without compromising on premium quality, form, and function.



# FULL PAPER SOLUTIONS



## ECO-FRIENDLY TOP SHEETS

Not all art wraps are recyclable and safe for the environment. We partner with numerous paper supply companies that offer different textures and colors that are certified eco-friendly and recyclable. Touches include leather, wood grain, cloth, stippling, ribbing, and more.



## GREYBOARD VS. MOLDED FIBER

Our bamboo/bagasse board has the potential to replace tree-based greyboard. Bagasse is considerably better for the earth by reducing deforestation by being an agricultural waste of the sugarcane making process. The combination between bamboo and bagasse fiber has a significant tensile strength that makes the material a great alternative to greyboard.



## PAPER INSERTS

Paper inserts can provide a more efficient solution when molded fiber trays are not necessary for securing a product. Impeccably designed with an emphasis on function, we create unique ways to capture the product and protect it during shipment.



## LAMINATIONS & FINISHES

We offer many different types of finishes for our rigid packaging including anti-scratch and soft touch laminations as well as tactile finishes featuring spot UV printing, embossing, debossing, texturing, or even foil stamping. All our machines utilize environmentally-friendly processes, including thermo-transfer printing, to ensure a fully sustainable solution with high-quality finishes.

# MOLDED FIBER + PAPER SOLUTIONS



## MOLDED FIBER + RIGID BOX

Made solely from paper, the premium feel of a rigid box perfectly complements the sustainability of a molded fiber tray while supporting your 100% recyclable packaging goals. This hybrid of sustainable materials means that your packaging, and your customer's unboxing experience, is only limited to your imagination.

## MOLDED FIBER + FOLDING CARTON

Our engineering teams are perfectionists and experts in automation, having developed full packaging lines that do not require any human contact. Tolerances and high-quality details are critical to package finishes. Our rigid box manufacturing is right next door to our molded fiber manufacturing, allowing us to seamlessly transport and assemble a complete packaging solution while being environmentally conscious and cutting down carbon emissions during transportation.

## MOLDED FIBER + CORRUGATED

Molded fiber allows for a perfect fit for your product while providing many different applications. A potential cardstock backing can supplement these as a solution for securing a product. Offering a fully recyclable solution, a corrugated outer box with a custom molded fiber tray inside is a favorite for many e-commerce packages.

## CORRUGATED, FOLDING CARTON, & MORE

Besides rigid setup boxes, we also provide many other packaging mediums including corrugated, folding carton, documentation, and other packaging components. We will always encourage a sustainable solution but can support any design that includes elements such as magnets or plastic hangtags, windows, handles, and more.



Every 4 seconds,  
one ton of plastic  
waste is dumped  
into the ocean.

Help us change the face of packaging for a better, more sustainable future.

Our printing services are a trusted alternative to traditional, environmentally-damaging printing methods. We utilize only clean and sustainable printing methods, including thermo-transfer printing, eco-inks and recycled paper products to create cutting-edge and attractive printed packaging.

Our skilled engineering teams have developed inspirational machinery and methods to achieve our green mission. Our fully sustainable production cycle includes harvest and pulp production, steam and solar-powered manufacturing plants, water recycling programs, and more. For us at Golden Arrow, environmental stewardship can be found at every level of packaging design and creation.

Green  
Factories



ZERO EMISSION  
FACTORIES



SOLAR  
ENERGY



NATURAL  
LIGHTING



CONVECTION  
COOLING



WIND  
TURBINES



WATER  
RECYCLING



WASTE  
RECLAMATION



STEAM  
POWER

Golden Arrow began the sustainable journey by transforming factories and manufacturing equipment into lean, green machines designed to be energy-efficient and minimize pollutants and runoff. We ensure that our processes are working to help the environment instead of hindering it.

The water used during our manufacturing processes is 100% recycled and reused. As proof of concept, we use our factories' water to keep a large and fully stocked pond with happy, healthy fish in our backyard.



**369 million**  
water-bottles-worth of  
plastic were kept out of the  
ocean by avoiding 5,164 tons  
of plastic packaging.



**103k trees**  
were saved by choosing  
bamboo & sugarcane  
packaging materials.



**27 million kg CO<sub>2</sub>**  
have been reduced from our  
carbon footprint. That's equal  
to the CO<sub>2</sub> from 5,700 cars  
driving for one year!



**1.3 million**  
bathtubs of water, or 250,000  
tons, are recycled from our  
molded fiber production.



## OUR COMPANY

Starting in 1984 with a mission of sustainability and innovation, Golden Arrow has grown from a single printing location to multiple manufacturing and printing facilities across the globe. We offer a complete line of sophisticated green products designed to enhance product presentation and delivery. We love to strengthen our green vision and mission by working with like-minded companies who value environmentally-safe production methods and materials.

### Golden Arrow Taiwan

*Taipei, China*

Taipei HQ + Innovation Center

### Golden Arrow America

*Saratoga, CA, USA*

Program Management Service

### Golden Arrow China

*Kunshan, China*

Molded Fiber, Printing,  
Packaging & Manufacturing

### Golden Arrow ChongQing

*ChongQing, China*

Total Package Manufacturing

## Total Solutions

With a mission to create environmentally-sound manufacturing and packaging solutions for major corporate partners, Golden Arrow leads the charge to design and develop cutting-edge manufacturing equipment, renewable processes, and energy-efficient operations which align with the vision and commitment to creating a greener, cleaner world.

From creative design to manufacturing and logistics, we provide a full suite of services, ensuring that we are always able to meet your packaging demands. Working closely with our clients, Golden Arrow develops a constructive partnership to foster innovation and progress.



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