



A DESIGN PARTNERSHIP

MODEL N^o

Wrap Report

Placements Overview

Total Number of Placements: 91

Total Impressions: 349,746,006

PENTA

Good Company: Model No.'s Locally Produced, Upcycled Furniture



The brand recently launched the Platform Series, which includes a coffee table, chair, ottoman, and sofa. Model No.

There are sustainable furniture brands, and then there's Model No., a company founded in Oakland in 2018, which brings nontoxic products into wellness-focused homes.

Over the past few years, the company has produced custom 3-D-printed furniture from upcycled food waste. Model No. "believes in the future of tech to automate traditional industries," says the company's CEO, Phillip Raub, who joined the company in 2020, adding that co-founders Jeffrey McGrew and Jillian Northrup asked, "How can we change this industry?"

Model Co. uses locally sourced materials, like plant-based resins from unused food crops, at their made-to-order Oakland factor. It also has smaller factories across the country, which produce furniture products locally. The goal is to eliminate order wait times as the recent supply chain disruptions and clogged ports.

Raub saw an opportunity to push the firm forward, beyond its 3-D reputation. Over the past year, he has led change at the company, from chairs to couches, all with an eye on sustainability, locally produced products, and turning upcycled plants into furniture.

"The ethos of our organization and in the thread everything we do is around being as efficient and sustainable as possible," Raub says. "We try to reduce our carbon footprint."

THE ITEM

The brand recently launched the Platform Series, which includes a coffee table, chair, ottoman, and sofa. The sofa is made of a plant-based resin made from agricultural waste (corn husks, cassava, sugar beet), which are combined with certified, sustainable hardwoods.

The brand wanted to create an environmentally friendly couch with no off gassing-related products in its production. The pieces are made from locally sourced natural wood, while the cushions are made only from latex, rubber trees, and feathers. "We start with 100% wool," Raub says. "We wanted to start with a 100% natural product on the market."



The company has produced custom 3-D-printed furniture from upcycled food waste.

Model No.

THE PRICE

Coffee tables range from US\$720 to US\$1,630, while side tables range from US\$350 to US\$520. The chairs and lounges start from US\$1,500 to US\$2,080. The couches in the Platform series range from US\$7,000 to US\$20,000.

The company uses 100% recycled materials for their products and packaging. "We don't use recycled plastics in our products, not even ocean plastic," Raub says. "We always make sure there's a consciousness behind it."

"Because we're a venture backed company, we don't have to make hefty margins, we think that will cover time with greater efficiency," he adds. "It's hard to make good quality products out of natural materials that are economically reasonable in this day and age."

WHAT'S THE GOOD?

Model No.'s agricultural waste is sourced from a company called Nature Works LLC, which takes beetroot-dense vegetables ("which animals can't even digest, because it's too coarse," Raub explains), and turns it into a non-petroleum based plastic pellet."

The pellets are shipped to the company raw from places like Iowa and Indiana and can be ordered in different colors. "You can create by mixing sawdust, it gives more of a natural texture," he says. "Those pellets go through an extruder, like squeezing out cake icing, that's going around through a computer-generated design based on coordinates into the software. That's how you get cool shapes and sizes for the product."

The brand also uses Forest Stewardship Council, or FSC, certified wood for the products, and they work with small farms, as well, including cherry wood for outdoor furniture and walnuts for indoor tables as part of the Platform Series, all of which are locally sourced.

In each of their micro-factories, the brand uses cutting-edge technologies to minimize toxic byproducts and harmful materials used in traditional furniture production. For example, mass produced furniture uses wood fibers instead of wood, and many upholstered cushions are laden with toxic materials.

“Most people don’t realize they’re not getting solid wood in most furniture,” says Raub. “We’re starting to see plant-based things but that’s not so often in furniture, it’s still mostly plastic.”



Coffee tables range from US\$720 to US\$1,630.

Model No.

WHAT'S NEXT

Looking toward the future, the brand plans to get into lighting design. It’s also opening a pop-up showroom in Berkeley, Calif., this year. They’re looking to expand to various retail showrooms.

Model No. is also looking to lower its environmental impact by creating micro-factories across the country to produce and finish furniture within 60 miles from where it’s being shipped.

“The plan is to make sure we make furniture as close to the consumer as possible,” Raub says. “By fulfilling and producing a product close to the source, it eliminates distribution centers. Micro-factories are going to be the future of not only furniture, but manufacturing, in general. It’s going to cut down on lead times and create greater efficiency.”

The Architect's Newspaper Outdoor Spaces

A weekly digest of the top stories and ideas in outdoor design.

Thursday, March 17, 2022

**Outdoor
Spaces**
Landscape | Sustainability | Rehabilitation

**SAVE
THE DATE** Virtual Event | May 6, 2022
Earn up to 6 PDH, LA CES/HSW, AIA/HSW

Register Now



Atlanta takes major step forward in establishing its first park with Chattahoochee River access

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Charting the troubled history of the \$100 million Holocaust memorial at Babyn Yar

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Product Spotlight



Lotus Three Seater Sofa
LAZZONI



Hopper Picnic
extremis



Clearskies
Caesarstone



Cynara Table
Model No.

FurnitureToday

MODEL N°

March 31, 2022

HFA unveils plans for market



Thomas Lester // Retail Editor • March 31, 2022

HIGH POINT — The Home Furnishings Assn.'s Resource Center announced a slate of events and vendors available at this week's High Point Market.

Located at Plaza Suites 1-527, the Resource Center will be open from noon to 5 p.m. on April 1 and from 8 a.m. to 6 p.m. April 2-5.

The HFA Resource Center was remodeled in 2020 with the design expertise of Connie Post, and this year it got a furnishing makeover with the assistance of manufacturer partners Hooker Furniture (showrooms located at International Home Furnishings Center, 10th floor, and 220 South Elm), Surya (Showplace 4100), Ashley Furniture Inds. (IHFC, H-900) and Martin Furniture (Market On Green, 303).

HFA provides access to operational resources through its relationships with more than 60 solution partners to meet the individual business needs of retailers, regardless of their size. The Resource Center hosts more than 27 vendor partners and, new this market, 17 temporary exhibitor spaces. Services represented include point-of-sale systems, financing, digital marketing, advertising logistics, supply chain management companies and more.

"Historically, our business only attended market to buy and didn't wade into operational resources and services. I now see what a mistake that was," said Marcus Evans, chief operating officer of Evans Furniture Galleries. "Not only did I get to see new offerings, but I also had the opportunity to tap into invaluable peer and industry-leading perspectives and go straight to the source with numerous onsite experts representing our most critical service providers.

"Spending more time in the HFA space will be a new norm for me, and I really appreciate the great hospitality you provided while there."

Model No., which 3-D prints furniture made from recycled materials, is HFA's featured exhibitor this market.

"As an emerging furniture brand, we are humbled to partner with HFA to showcase our modern furnishings and demonstrate the ways Model No. is influencing change within the industry," said Model No. CEO Philip Raub. "Through digital fabrication and additive manufacturing (3D printing), we are delivering products faster, with higher quality, and most importantly in a highly sustainable manner, all domestically in the US."

HFA's education seminars are also back, with 15 retail business seminars, including industry icon Jerry Epperson's annual State of the Industry address scheduled for 9 a.m., April 3, in the Resource Center's Solution Room. Immediately following the address, HFA will be recognizing and celebrating its 2022 Partner of the Year winner: Podium.

AD

ARCHITECTURAL DIGEST

Clever

MODEL N°

April 7, 2022

Is Compostable Furniture the Future of Sustainable Design?

Believe it or not, it's possible

By Katherine McLaughlin

April 7, 2022

Compostable furniture might sound strange at first, but the idea isn't as far out of reach as you might think when considering the latest advancements in [sustainable design](#). While digesting the concept of [eco-friendly furniture](#), Jonsara Ruth wants you to think about [wood](#). The co-founder and design director at Parsons School of Design's [Healthy Materials Lab](#) says this might be the simplest form of biodegradable furniture. "That's the one that everybody's familiar with," she adds. Sprouting from the Earth, wood can just as easily degrade back into it, nourishing the next generation of plants to grow. In fact, it's what it's [supposed to do](#).

When discussed like this, your bed frame, table, or dresser aren't just aesthetic pieces of decor, they could be the beginning of a compostable furniture revolution. "We call it timber, we call it framing, we call it all kinds of things, but it's plant cellulose at the molecular level," Jonsara explains. "It's a plant and it biodegrades."

The term "compostable furniture" probably sounds futuristic, but really it's anything but that. "It takes a new way of thinking, which is actually a traditional way of thinking," says [Elise McMahon](#), founder of [LikeMindedObjects](#). "What seems kind of new and novel now is actually the way the world had been operating until the Industrial Revolution." Elise creates decor, furniture, clothing, and accessories through LikeMindedObjects with the goal to design with sustainable, circular systems. "I don't want to claim perfection though," she adds.

The case for mono-material furniture design

Whether a piece of furniture can biodegrade comes down to one thing: the material it's made from. "One strategy for biodegradable or recyclable furniture is for it to be mono-material," Elise explains. Many substances, like wood, may be easily recyclable or compostable when they're by themselves. However, when combined with other materials, as so many furniture pieces are, the product loses its ability to decompose.

For example, the reason so much of our wooden furniture isn't biodegradable at the moment is because it's coated in synthetic finishes, like polyurethane. "Basically what you're doing is you're coating it in plastic, so it slows down its ability to biodegrade," Jonsara says. However, if the product were coated in a plant-based oil like linseed or tung oil, the bigger issue, like the product itself, may one day disappear. Model No., a furniture company based in Oakland, California, uses bio-resins that compost easily over time to finish their products. Jeffrey McGrew, CTO and co-founder of the company, describes bio-resins as "smooth to the touch." He also notes that "the surface has excellent wear characteristics over time, so it still looks good after hard

Other regenerative materials

"If it is multiple materials, then the solution is how do you design it to be able to be disassembled and then recycled," Elise insists. This may mean using many biodegradable materials that can be separated from nuts or bolts and other non-compostable material before everything is recycled or composted in the proper place. Of course, this begs the question, what materials *could* be used?

Before being known as the man who designed the Bilbao Guggenheim, the starchitect Frank Gehry rose to prominence for his Easy Edges collection, a line of furniture made from corrugated cardboard and masonite. Cardboard, the primary material of all the pieces, takes about six months to decompose. The original collections included everything from gaming tables to bookshelves, but the Wiggle Chair, sold today by Vitra, remains as one of the most iconic and notable pieces of cardboard furniture, showing that paper is a viable material for furniture with countless applications.

Modern-day designers like Elise continue to find innovative ways to incorporate paper into interior products. "Paper is something that I feel strongly about as a material," she adds. Elise has produced a number of tables and chairs that incorporate industrial paper tubing and is looking to include it in future products as well. Molo Design, a Vancouver-based company, creates expandable paper stools, benches, and tables, among other interior products.

Besides paper and wood, cotton and wool could also become major players in future compostable furniture. Both can biodegrade in [a matter of months](#), and already show up in other types of sustainable products like packaging or clothes. Though the opportunities are extensive, one practical way to include them in furniture would be through cushions.

As Jonsara explains, many chairs or couch cushions are made from polyurethane foam. “It’s basically coming from the fossil fuels, which are really flammable,” she adds. Because of this, manufacturers will add flame retardant chemicals, which are not only toxic for people but make cushions extremely hard to break down. It’s a problem that Elise discovered while she was teaching upholstery classes in New York at [3rd Ward](#) and [Textile Arts Center](#) in 2011 and 2012 and had students bring in pieces they wanted to reupholster. “It was a lot of 1960s, 1970s, and 1980s furniture, and the foam was the most unhealthy looking, synthetic material,” she recalls. As one solution, [LikeMindedObjects](#) sells cushion inserts made out of shredded denim and discarded fast fashion textiles.

“One of the materials we’re really interested in knowing a lot more about is mycelium,” Jonsara says. The root system of [mushrooms](#), mycelium can be cultivated before the fungus sprouts for use in various applications—everything from leather-like substances to construction materials. Artists and researchers like [Phil Ross](#) from [MycoWorks](#) are already harnessing the power of mycelium to make [chairs](#), [among other products](#). Maybe one day, we’ll see a “leather” couch made from mycelium and stuffed with shredded textiles and cotton.

“It feels like suede on top of cork,” Isaac Larose, co-founder of [EDEN Power Corp](#) explains. Eden’s mycelium [planters](#), [bricks](#), and [wine coolers](#) are grown on hemp waste and can biodegrade in 60 days when broken up and put back into soil. The mycelium grows in molds and takes a couple of weeks to take the full shape. Chairs or other pieces of furniture are usually grown by the part, Isaac explains, and then assembled later. “It’s pretty tough,” Isaac says of the material.

Adital Ela, CEO of [Criaterra Earth Technologies](#), uses earth and natural fiber to create a 100 percent recyclable and biodegradable material that’s as strong as concrete. Right now, her company is making decorative [wall tiles](#), and she has made [stools](#) and [lamps](#) from the material in the past. “We hope to come back to the possibility that it will be a material that will craft endless possibilities,” she says.

Looking toward a compostable future

Though many pieces of furniture aren't fully compostable at the moment, it doesn't mean they can't be used to build a more sustainable future. As Elise explains, "the world has so many materials that have already been extracted from the environment, and I feel like we are obligated to utilize that material in future products."

This could mean a lot of things, but in a very practical sense, it may just look like shopping for [second-hand](#) or [vintage furniture](#). Jonsara says that "this is one strategy for thinking about sustainability because then you're keeping it alive." As we move forward, Elise thinks that ideally, products that "could decay or disappear completely" should be created.

Still, the pieces will have to be designed like this from the start. "It's totally possible," Adital says. "It's about preserving the ability to reactivate the materials, either in a biological cycle or in a technological cycle, but only when you choose to do it." This last point is particularly important since few people probably want their furniture actively rotting while they're trying to use it.

"I don't feel like this is a revolutionary idea," Elise emphasizes. Since most of this is rooted in simple, traditional knowledge, she believes that looking back might be the best way to go forward. Elise adds, "We've been healthy consumers before, so how can we return to that?"

BUSINESS OF HOME

MODEL N°

BUSINESS OF HOME

The best debuts at High Point Market this spring



By [Caroline Biggs](#)

It's been a wild and rewarding week for design lovers. We're fresh off the heels of [Spring Market](#), and the launches were every bit as exhilarating as the mood in North Carolina. From curvy lilac-upholstered sectional sofas to New York skyline-inspired crystal chandeliers, here are some of our favorite introductions from High Point.



Left: The Agate planter in mauve tweed by Model No. Courtesy of Model No. | Right: The brand's Aster chair Courtesy of Model No.

Model No. showed off an impressive selection of sustainable designs inside the Plaza Suites. Along with a variety of 3D-printed side tables, stools and planters made from biodegradable plant-based resin, the Oakland, California-based brand offers a slew of minimalist sofas, sectionals and armchairs outfitted with Forest Stewardship Council-certified hardwood frames and organic latex foam cushions.

BUSINESS OF HOME

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BUSINESS OF HOME

DESIGN DAILY

BUSINESS OF HOME



PRODUCT PREVIEW

The best debuts at High Point Market this spring

From curvy lilac-upholstered sectional sofas to New York skyline-inspired crystal chandeliers, here are some of the standout launches we saw firsthand in North Carolina.

04/11/22

13 Great Sustainable Furniture Brands to Consider for Your Home

Certified to help you redesign for the better.



BY MEDINA SAINT-ELIE MAR 18, 2022

If you're an eco-conscious shopper, finding high-quality sustainable furniture for your home can be tricky. And while there's no thrill like winning big at yard sales and thrifting for vintage pieces, let's face it: the ease of shopping online is sometimes a significant pro. But that doesn't mean fast-furniture companies are your only option. We found brands that have a sustainable mission, amazing furniture, and initiatives that make a difference in protecting the environment.

Sustainable furniture companies use few to no chemicals and source materials that have a lower impact on the planet. Furniture is an investment, so your pieces should be durable enough to grow with your home, ensuring your family is safe from toxic or harsh products. A great eco-friendly furniture brand shouldn't compromise natural resources or fair trade practices in the process of creating the products. Whether you choose to rent furniture or search for gently-used items, you can keep these sustainable stores in your back pocket for your next shopping spree. These brands allow you to shop smarter, not harder.

Model No.



MODEL NO.

SHOP NOW

[model-no.com](https://www.model-no.com)

Look no further for innovation in furniture with Model No. The brand blends 3D printing, digital fabrication, and domestically sourced materials to create stunning made-to-order furniture that is kind to the environment. With a micro-factory based in Oakland, California, the brand's high-end, low-impact approach allows you to furnish your space worry-free.

SPACES

5 Home Decor Pieces for Outdoor Entertaining, from CB2, RH and More

by LISA BOQUIREN 4 days ago

In the pandemic era, we all want our outdoor spaces to shine—and also work for our lifestyles. These pieces, which range from practical (a coffee table with storage inside) to a showstopper (a chandelier of hanging rock crystal), will help you make the most of your time al fresco.

Solis Outdoor Coffee Table by Model No.



Photo courtesy of Model No.

This table is beautiful, practical—the top comes off, so pillows and a blanket can be stored inside—and environmentally sound. It's made in Oakland, with cherry wood from a responsibly managed forest and plant-based resin, with non-toxic finishes.

\$2,570, [model-no.com](https://www.model-no.com)

Model No. wants to be a model for making sustainable furnishings



by Julie A. Palm | April 27, 2022

When Model No. was founded four years ago, it started with a goal of making sustainable products.

The “high-end design, craftsmanship and comfort” of its furniture lines followed, says Kevin Wildes, senior vice president of product development and design of the company, which is based in Oakland, California.



The Platform upholstery line is made with latex, wool and “ethically sourced duck feathers,” the company says.

“At Model No. we want everyone to rethink the business of furniture,” he says. “... We believe that being conscientious about how you can select furniture will lead to healthier environments and healthier clients and significantly improve the health of the planet.”

“FARM-TO-TABLE FURNISHINGS”

The company’s manufacturing process is a mix of high-tech (3D printing, digital fabrication) and handcrafting (mortise and tenon joinery, hand-applied finishes), using sustainable materials, all domestically sourced except the latex in its upholstery.

And sustainability is at the core of every production process, too.

Every piece in the **Model No.** line is made to order in what the company calls its “micro-factory” in Oakland. By limiting inventory and eliminating overseas shipping, the company can reduce its carbon footprint. But the bespoke production model can be scaled as needed, able to fulfill an interior designer’s request for a few pieces or a retailer’s larger order, Wildes says. Delivery times generally are from eight to 12 weeks.

"Digital production gives us a competitive advantage," he says. "It gives us the ability to produce on demand and customize products."



Model No. also is working to create a circular manufacturing process that will allow it to reclaim and reuse materials in its furnishings when they come to the end of their useful lives.

Model No.'s original mission to build sustainable products helps explain what at first may seem like a split personality in the company's very different core product lines: 3D-printed furniture and handcrafted upholstered seating.

Let's start with the outdoor line, which is grouped into two collections, Cynara and Solis. Both feature pieces 3D printed from a polylactic acid, or polylactide — a type of polyester made from plant starches like corn or sugar beet pulp. The resin, made from leftover food waste, can be produced with a low-gloss or high-gloss finish. The company also can print with a recycled wood substrate.

Model No. pairs the PLA components with hardwoods certified by the Forest Stewardship Council, using mortise and tenon joinery to build the wood frames and tabletops. It finishes them with organic oils.

Furniture made from the upcycled plant material is lightweight and durable, and Model No. has built useful features into a number of pieces. For instance, the Solis coffee table features a removable top, revealing storage space for pillows or throws, and includes leveling glides on the base so the table can sit firmly on an uneven patio. (The coffee table retails for \$2,570 on the company's website.) The Cynara table, made of hardwood with no PLA components, features a removable center panel for displaying flowers, beverages or appetizers (\$4,320).



The resin pellets used to create the 3D-printed pieces is made from leftover food waste.

For now, the 3D-printed outdoor collections are available in white (for the PLA components) with cherry wood finishes. The warm woods, neutral colorway and sleek lines allow the pieces to fit comfortably into designs from modern farmhouse to earthy minimalism.

"With our current plant-based 3D printing and domestically sourced wood, we started with a limited palette for launch, but we will be expanding options as we grow the line. We are also researching alternative sustainable 3D-printing materials that may include recycled plastics, significantly increasing our color options," Wildes says.

The company also offers indoor tables, desks, credenzas and chairs in wood and wood/PLA combinations, as well as accessories such as planters, bins, vases, hooks and shelves. Woods for those products include beech, walnut and oak, and customers can choose from a broader range of colors for the 3D-printed

components. The company offers miniatures for customers who want to get a better feel for the products before placing an order.⁹

Model No. has plans to expand the outdoor lines and to introduce 3D-printed lighting, too. Visitors to its space during the Spring High Point Market got a sneak peek of some new pendants.

SUSTAINABLE UPHOLSTERED SEATING

Model No.'s Platform upholstery line is handcrafted without the PLA resin found in the 3D-printed furnishings. It includes two-piece and three-piece sofas, a chair and ottoman that can be grouped into sectionals.



Phillip Raub, chief executive officer, brings experience in online retail and consumer brands to Model No.

Customers can choose from two woods, two leg styles, three panel designs and nine fabric colors. The Platform chair retails for \$8,740.

As with its outdoor furnishings and case goods, the frames are made of FSC-certified hardwoods, using mortise and tenon joinery and finished with linseed oil and water-based varnish. Cushions are made of latex that meets the [Global Organic Latex Standard](#) and "ethically sourced duck feathers," according to the company. Fabrics include premium wool and a blended rayon/acrylic made with upcycled materials.

Model No. plans to expand its upholstery line "to provide more options for more types of customers," Wildes says.

WHAT'S NEXT?

Founder Vani Koshla doesn't have a background in home furnishings or retail. She earned degrees in computer science and civil engineering from Stanford University and worked as a software engineer. But Jeffrey McGrew, co-founder and chief technology officer, is an architect and co-founder of Because We Can, an architecture design-build studio in Oakland. And the Model No. team includes executives with retail and home furnishings experience. Of note: Chief Executive Officer Phillip Raub founded software-powered retailer b8ta and serves on the boards of tech-driven consumer companies including the barber chain Cutbox. Wildes has held a number of executive sales and marketing posts, including at Home Depot and Mohawk Industries.

The company's first customers included architects and interior designers and those are its prime focus. "As we continue to tell our story and explain our mission, we have been encouraged by the growing number of designers and companies considering how their furniture choices impact our planet," Wildes says.

But Model No. also sees "significant opportunities in the hospitality, workplace and retail sectors," he adds.

The company recently has begun showing at furniture markets. The spring show in High Point demonstrated "how much work there's yet to be done to help retailers achieve their sustainability goals," Wildes says.

The company also will show at the [International Contemporary Furniture Fair](#) May 15-17 in New York and other regional trade fairs in the coming year, he says.⁹

hospitality design

april 2022 hospitalitydesign.com



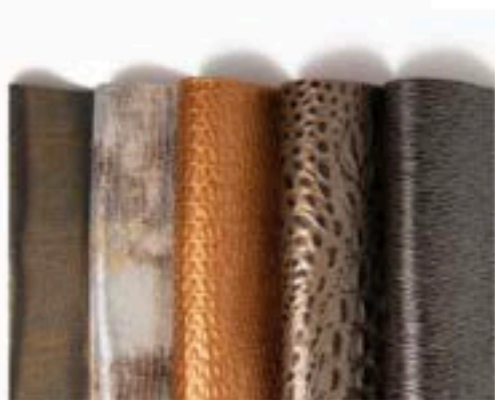
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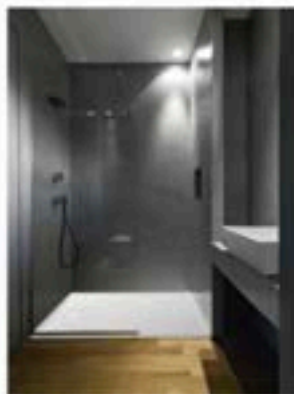
products made in america

Craftsmanship is central in these homegrown pieces

By Kathryn Greene



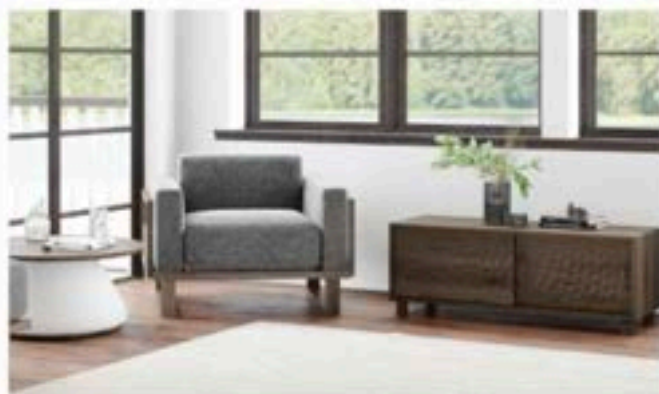
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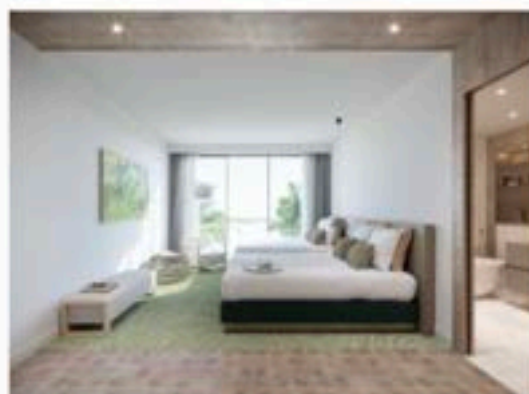
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3



4



5

1

Embossed leathers and suedes with rich textures in gold, silver, and bronze finishes comprise **Jamie Steen's** Gold Rush collection. JAMIESTEENDESIGN.COM

2

MTI Bath's DoloMatte is now available for low-profile shower bases. A solid surface slab of specialty polymer with ground minerals derived from Bauxite ore is mixed with resin and hand-sanded for a velvet finish. MTIBATHS.COM

3

Supported by a benchmade hardwood frame and softened with a high-resiliency foam, the Rhodes accent chair from **Room & Board** offers durability wrapped in a modern design. ROOMANDBOARD.COM

4

Model No.'s Platform chair is made to order in the company's Oakland, California micro-factory to reduce waste. An FSC-certified hardware frame finished with low-VOC varnish supports cushioning filled with ethically sourced duck feathers. MODEL-NO.COM

5

Part of **Shaw Contract Hospitality's** Terra Meta collection of 20 custom broadloom patterns inspired by the digital realm and nature, CF7306 (shown) features abstract swirls in a mashup of blue, green, and gray hues. SHAWCONTRACT.COM

Model No. wants to be a model in sustainable furnishings

By Julie A. Palm | April 29, 2022

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The base of the 3D-printed Solis coffee table opens up to reveal a storage space.

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The resin pellets used to create the 3D printed pieces is made from leftover food waste.

"With our current plant-based 3D printing and domestically sourced wood, we started with a limited palette for launch, but we will be expanding options as we grow the line. We are also researching alternative sustainable 3D-printing materials that may include recycled plastics, significantly increasing our color options," Wildes says.

The company also offers indoor tables, desks, credenzas and chairs in wood and wood/PLA combinations, as well as accessories such as planters, bins, vases, hooks and shelves. Woods for those products include beech, walnut and oak, and customers can choose from a broader range of colors for the 3D-printed components. The company offers miniatures for customers who want to get a better feel for the products before placing an order.⁹

Model No. has plans to expand the outdoor lines and to introduce 3D-printed lighting, too. Visitors to its space during the Spring High Point Market got a sneak peek of some new pendants.

SUSTAINABLE UPHOLSTERED SEATING

Model No.'s Platform upholstery line is handcrafted without the PLA resin found in the 3D-printed furnishings. It includes two-piece and three-piece sofas, a chair and ottoman that can be grouped into sectionals.



Phillip Raub, chief executive officer, brings experience in online retail and consumer brands to Model No.

Customers can choose from two woods, two leg styles, three panel designs and nine fabric colors. The Platform chair retails for \$8,740.

As with its outdoor furnishings and case goods, the frames are made of FSC-certified hardwoods, using mortise and tenon joinery and finished with linseed oil and water-based varnish. Cushions are made of latex that meets the [Global Organic Latex Standard](#) and "ethically sourced duck feathers," according to the company. Fabrics include premium wool and a blended rayon/acrylic made with upcycled materials.

Model No. plans to expand its upholstery line "to provide more options for more types of customers," Wildes says.

WHAT'S NEXT?

Founder Vani Koshla doesn't have a background in home furnishings or retail. She earned degrees in computer science and civil engineering from Stanford University and worked as a software engineer. But Jeffrey McGrew, co-founder and chief technology officer, is an architect and co-founder of Because We Can, an architecture design-build studio in Oakland. And the Model No. team includes executives with retail and home furnishings experience. Of note: Chief Executive Officer Phillip Raub founded software-powered retailer bōta and serves on the boards of tech-driven consumer companies including the barber chain Cutbox. Wildes has held a number of executive sales and marketing posts, including at Home Depot and Mohawk Industries.

The company's first customers included architects and interior designers and those are its prime focus. "As we continue to tell our story and explain our mission, we have been encouraged by the growing number of designers and companies considering how their furniture choices impact our planet," Wildes says.

But Model No. also sees "significant opportunities in the hospitality, workplace and retail sectors," he adds.

The company recently has begun showing at furniture markets. The spring show in High Point demonstrated "how much work there's yet to be done to help retailers achieve their sustainability goals," Wildes says.

The company also will show at the [International Contemporary Furniture Fair](#) May 15-17 in New York and other regional trade fairs in the coming year, he says.

This story first appeared at sister publication [Decor News Now](#).

Better

5 Home Decor Pieces for Outdoor Entertaining, from CB2, RH and More

by LISA BOQUIREN May 2, 2022

In the pandemic era, we all want our outdoor spaces to shine—and also work for our lifestyles. These pieces, which range from practical (a coffee table with storage inside) to a showstopper (a chandelier of hanging rock crystal), will help you make the most of your time al fresco.

Solis Outdoor Coffee Table by Model No.



Photo courtesy of Model No.

This table is beautiful, practical—the top comes off, so pillows and a blanket can be stored inside—and environmentally sound. It's made in Oakland, with cherry wood from a responsibly managed forest and plant-based resin, with non-toxic finishes.

\$2,570, [model-no.com](https://www.model-no.com)

dwell



22 Charming Outdoor Coffee Tables We Love

Enjoy your morning cuppa en plein air.

Warmer days and longer nights call for an upgrade to your patio setup. These charming [outdoor coffee tables](#) will set the scene for summer fun, whether you're enjoying a lazy weekend brunch, hosting family game night, or lounging with a beverage after a dip in the pool.



Model No. Solis Coffee Table

Model No.
\$1,930

The Solis Coffee Table brings indoor style and comfort to your outdoor gathering space. A fundamental centerpiece for your patio, the Solis Coffee Table elegantly hosts your morning beverage while the seamless, removable table top conveniently stores and protects your favorite plush throws...

GEAR

A Dozen Outdoor Furniture Collections To Boost Your Backyard



Courtesy: Keter
Keter Patio Cooler

Whether paging through a stellar read or grilling with friends, there's no joy like backyard joy, especially with summer approaching. If you're looking for a stylish hammock, an entire fire pit set, or an outdoor shower, we've got you covered. Want to add an outdoor sofa or a loveseat swing to your outdoor furniture? Look no further. And, with materials such as weather-resistant aluminum and polyethylene wicker, this furniture can stay outside even on the rainiest days.



11 / 11
Model No.

12. Model No.

The outdoor collection is a tight line of eight pieces, and it's safe to say we want all of them —from The [Solis Outdoor Side Table](#) (\$600) to the [Solis Outdoor Adirondack Ottoman](#) (\$400). The innovative, made-to-order label combines 3D printing, digital fabrication, and the latest manufacturing technology with domestically-sourced materials such as plant-based resins from unused food crops, all produced in their Oakland, California micro-factory. Don't overlook their indoor furniture, which is also well worth the splurge.

[\$400 to \$3,240; [model-no.com](#)]

Workable: Functional, fashionable furnishings for home office



by Julie A. Palm | May 18, 2022

About half of all U.S. workers have worked remotely over the past two years – and a lot of them like it. A Morning Consult survey released in March shows only 48% of workers want to return to in-person work full time, and that's a drop from 57% who said they wanted to return full time a year earlier.

They like the shorter commutes, the more efficient workdays, the better work-life balance. But to function professionally at home, such workers need a dedicated office. In fact, some employers require it for work-from-homers.

Couple those results with recent survey data from the National Association of Home Builders showing strong consumer interest in home offices and home gyms, and retailers can be fairly confident in strengthening their assortment of home office furnishings, especially those that don't read as home office.

We've pulled together some pieces that fit the bill, from curvy, comfy chairs to feature-filled desks to stylish storage units that tuck messes away. Home furnishings sources are offering practical pieces that will make work-from-homers eager to open their office door every day.

From curvy, comfy chairs to feature-filled desks to stylish storage units that tuck messes away, home furnishings sources offer practical pieces that will make work-from-homers eager to open their office door every day.



Discreet by design, the Gravity wall desk from Model No. in Oakland, California, folds up against the wall when not in use, displaying a detailed, hand-carved face. It's great for rooms where space is at a premium or when you want to be able to demarcate clearly between work and play. Upper level cubbies keep the desk space free of clutter while you work. Crafted of premium, sustainably sourced hardwood. Retail prices start at \$1,230.

Workable: Home office designs combine fashion and function



by Julie A. Palm | May 26, 2022

About half of all U.S. workers have worked remotely over the past two years — and a lot of them like it. A Morning Consult survey released in March shows only 48% of workers want to return to in-person work full time, and that's a drop from 57% who said they wanted to return full time a year earlier.

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What's New in Contemporary Furniture and Design for 2022

Sustainability, wellness, innovation and craft were top of mind at the recent ICFF and WantedDesign trade events



Suzanne Ennis 4 hours ago
Houzz Editorial Staff

[More](#)

Contemporary furniture companies are kicking sustainability goals up a notch, going all in on wellness and merging technology with traditional craftsmanship. These were the key takeaways from this month's International Contemporary Furniture Fair (ICFF) and WantedDesign Manhattan, which was full of high-concept, handmade, modular and colorful designs.

Below, check out these and other trends spotted at New York's Javits Center on May 15-17, as seen in new and recent products by established and up-and-coming designers at the trade events.

Beyond sustainability. One of the stated themes for 2022 was sustainability, and most exhibitors could speak to ways in which their brands were eco-conscious.

The bigger story, however, was that simply reducing harm is no longer enough. Furniture companies are thinking more holistically about how they can have a positive environmental and social impact through good design. Some of the more innovative approaches were part of WantedDesign, a platform for high-end North American designers (Look Book) and emerging international designers (Launch Pad) that shared the Javits Center floor with ICFF. For example, Launch Pad participant Erika Cross' Anvil table, pictured here, is made from cork, a natural, renewable material that's also recyclable.

Tech meets tradition. A simultaneous blossoming of traditional craftsmanship, technology and digital worlds led to intriguing high-concept pieces at the show.

For example, Launch Pad participant Adva Kremer's project The Museum of Empiric Values (one piece from which is pictured here) makes woven reproductions of artworks using Jacquard looms connected to Google Trends.



Similar mashups included AI-assisted design for handcrafted ceramics and charging technology embedded into wooden furniture.

This digitally fabricated Slotted side table by Model No. is made from FSC-certified hardwood with optional integrated charging technology.

15 Design Trends Spotted at the Spring 2022 High Point Market

INTERIORS



COVET



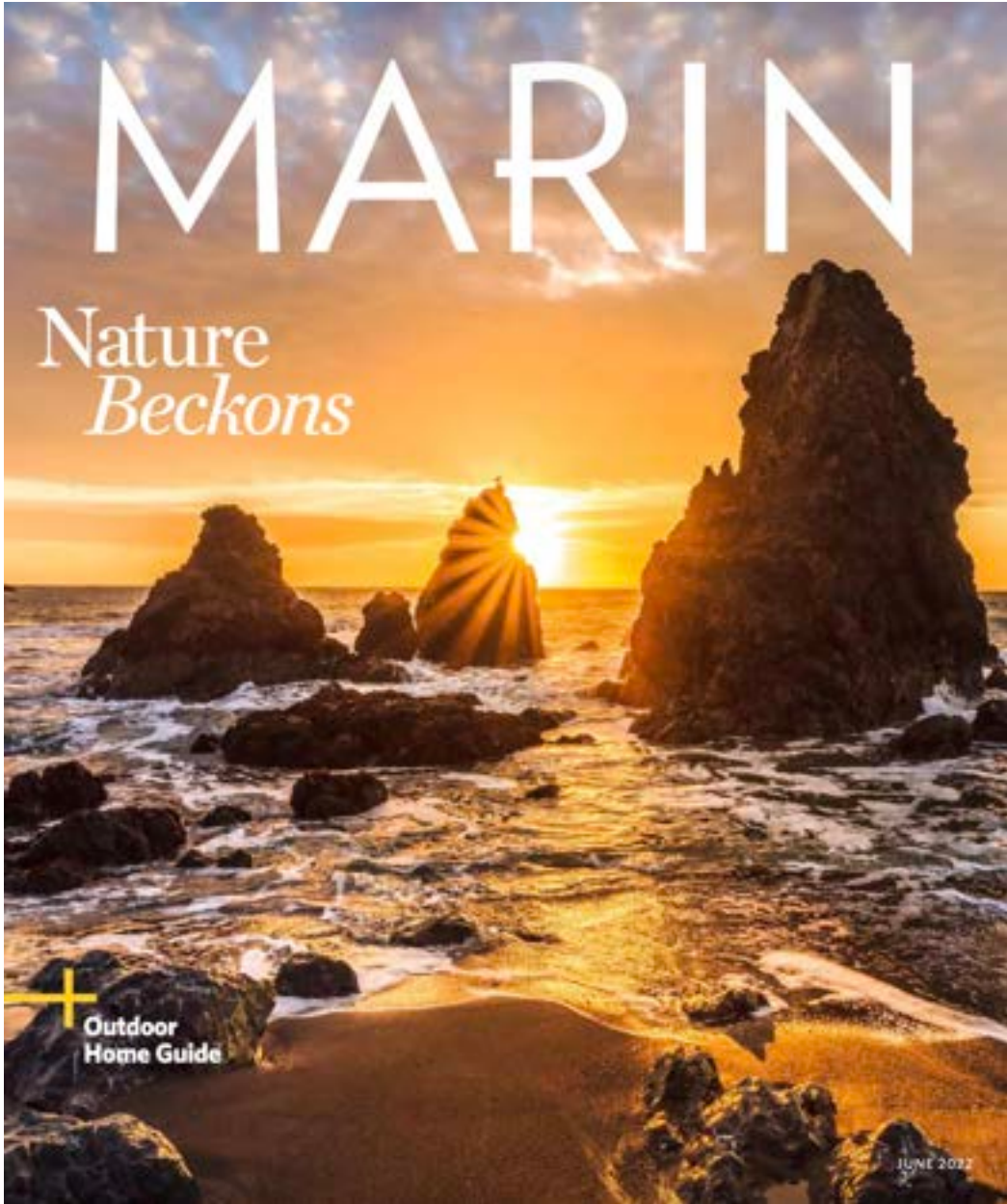
The mission of Model No., an Oakland-based sustainable furniture brand made up of architects, designers, makers and artists, is to make pieces that help the industry change for the better. Their Sola side table, from their new outdoor collection, is made with 3D printers using high-quality polylactic acid, or PLA, upcycled from agricultural by-product like corn stalks. With hand-finished FSC-certified hardwoods for the top, the Sola comprises nothing for the environment, and is fully customizable. modelno.com



Mojave Art, the Los Angeles-based online gallery and shop promoting women artists and designers, has launched a collaboration with Rational Beauty design studio founder Jeanette Abbink. Their series of limited-edition giclée prints on archival rag paper are inspired by the flora and fauna of the desert, including a prickly pear, jack rabbit and desert owl. Abbink, who is based in Austin, drew visual inspiration from German graphic designer Ott Aicher and Italian artist and furniture designer Enzo Mari, incorporating their stylized and simplified graphic approach into her incredible resume of design work. mojaveart.net

MARIN

Nature
Beckons



+

Outdoor
Home Guide

JUNE 2022

GALLERY

TAKE IT OUTSIDE

THESE FIVE FURNITURE AND DECOR PIECES TAKE SUMMER ENTERTAINING TO THE NEXT LEVEL.

BY LISA BOQUIEN

In the pandemic era, we all want our outdoor spaces to shine — and the search for our favorites. These items, which range from practical to coffee table with storage inside to a chandelier to characterize an elegant look, will help you make the most of your time outdoors.



LUNA DINING CHAIR from **DEPT** (available until September) \$80 at dept.com
This comfortable outdoor dining chair was inspired by the natural movement of the palm fronds. In any setting, it offers a healthy dose of breezy, handcrafted outdoor appeal. The fabric is 100% linen.

Want more styling ideas to enhance your home? Scan here.



BLISS CASE CHANDELIER by **Yohai Weinman**, from **EMAZO Home Decor** (see emazo.com)
This glowing chandelier, handcrafted in Mexico, will bring ambient glow to an outdoor entertaining space. Further shaped along of copper mesh and with a clear lens glass from a clear lens to stunning, glowing effect.



ALPHACON YIPPOU, Chair, \$100 at yippou.com
If you can't make it to a Mexican market, this lounge chair made up by the fashion designer Yipou Yipou, is the next best thing. With its vibrant, non-toxic colors, it's equally comfortable in black and black colors.

Photo: © Yohai Weinman, © Yipou Yipou, © Eco-Terric

SOLO OUTDOOR COFFEE TABLE

from **DEPT**, available until dept.com

This table is beautiful, practical — the top comes off in minutes and is treated with UV-resistant — and even more, naturally sound. It's made in Oakland, with chairs made from a sustainable recycled steel and glass-based resin with natural finishes.



SOLO STOOL, SEAT from **DEPT** (available until dept.com)
This bar stool, a gorgeous combination of steel and wood, was inspired by the simplicity of modern design. It's made in Oakland, with sustainable materials from outdoors to indoors.








Outdoor spaces that shine – sustainably.
Warm up to summer with non-toxic outdoor furnishings.

800-960-1234 • www.eco-terric.com • 625-501-9022 • 322 Pine Street, Suite 6, Sacramento, CA 95811

27 Products Made in America

Craftsmanship is central in these homegrown pieces

[Return to: 27 Products Made in America](#)

5 of 27



Model No.'s Platform chair is made to order in the company's Oakland, California micro-factory to reduce waste. An FSC-certified hardware frame finished with low-VOC varnish supports cushioning filled with ethically sourced duck feathers.

ICFF + WantedDesign Manhattan Mini-Recap: 8 Thoughtful Designs and Products

This year's show proved to be a hotbed of sustainably focused and human-centered design.

ICFF + Wanted Design Manhattan have come and gone for the year, but for the time it lasted, I feel as though the energy and excitement could've powered a small city. The opportunity to meet with familiar acquaintances, as well as new arrivals, certainly had me gripped with anticipation. Perhaps it was the expectations I had going in, knowing that [ECO Solidarity](#), a global design collective pushing the boundaries of [sustainability](#), was going to be featured through the exhibitors and programming.

For me, it was a signal that the furniture industry not only acknowledged the role it played in the climate crisis, but that it was going to pursue innovative solutions with gusto. And sure enough, there were plenty at the show doing just that, in addition to taking the function of their designs down to a deeply personal and human level.

Restorative rug patterns, 3D-printed chairs made from plant waste and [mushroom-like blooms](#) of noise-dampening acoustical foam: the range of products, their stories and functions ran wide and deep. Too deep to include all in one article, so I picked eight that stuck out to me in particular while I was at the show.

The Solis Adirondack Chair by Model No.



The Solis chair offers an incredibly unique take on the traditional Adirondack. (Photo courtesy of Model No.)

Constantly pursuing innovation in materials in manufacturing, [Model No.](#) created a striking beauty with their new age take on a classic chair. The Solis innovates on its manufacturing and materials through the power of 3D printing technology, taking a frame of FSC-certified hardwood and printing the shape of the seat over it with upcycled, plant-based materials. The end product is an ergonomic and highly-durable variety of seating made from an entirely unique material for the product.

As with all of their one-of-a-kind pieces, the Solis Adirondack Chair is made to order to avoid inventory and related waste issues. The company also uses completely nontoxic materials in the design of its products, so not only are the chairs better for the planet, they're also better for the people that get to use them. The Solis also comes with all the classic comfort of an Adirondack, so it's the perfect seating for one to relax and decompress in.

The Architect's Newspaper Outdoor Spaces

A weekly digest of the top stories and ideas in outdoor design.

Thursday, June 23, 2022

mmmmcité

→ [Discover our products](#)

Product Spotlight



Air Collection designed by Escofet
landscapiforms



Solis Outdoor Adirondack Chair
MODEL N°



Love Seat
Bend Goods



Vista Coffee Table
Jenni Kayne Home



Photo By Model No.

Radical Outdoors

The Solis Adirondack chair from Oakland, California design house Model No. shows how completely designers are blurring indoors and out by creating furniture that could work in either place. The Solis outdoor series is also uniquely sustainable, made from corn husks and part of the circular design trend in its ability to be composted after use.

Eco-Friendly Furniture Brands to Spruce Up Your Outdoor Space

These pieces will last you longer and save you money in the long run.

Plastic can take up to 500 years to decompose, depending on the type — a staggering figure when you consider how many single-use plastics many of us consume on a daily basis. The good news is that consumer awareness of this problem is increasing, and more companies are adopting sustainable materials in manufacturing.

While it's easy to pick up a new set of plastic patio chairs year after year, it's not only bad for the environment, but your wallet takes a hit, too. Repurchasing items is a great way to spend more money in the long run rather than investing in a quality piece up front. Sure, you'll pay more for a metal dining set or waterproof wood furniture than plastic ones, but chances are you won't ever have to buy another set of chairs or a new table in your lifetime.

When it comes to outfitting your patio this summer, you have more ways than ever before to find sustainable outdoor furniture that doesn't sacrifice aesthetics. In fact, the market for eco-friendly furniture is expected to grow to nearly \$60 billion in 2027, up from \$37 billion in 2020, according to a [research report](#). Read on for our favorite spots to shop for eco-friendly outdoor furniture that is high-quality, recycled and/or sustainably sourced.

The Best Eco-Friendly Outdoor Furniture Brands

Model No.



Model No.

This custom furnishings company is the first to produce furniture 3-D printed from agricultural byproducts, such as corn husks or beetroot. Not only does Model No. repurpose materials that would have otherwise gone to waste, but it also minimizes carbon emissions — and the result is free of toxic chemicals and safe for both your family and the environment. The brand's first outdoor collection includes two chair styles, a side table, and a gorgeous wood dining table that includes a removable center channel to stash your favorite canned cocktails or plants.

[BUY HERE](#)

marin living.

6 Ways to Upgrade Your Outdoor Living Space

Summer means swimming pools, barbecues, dinner parties under the stars and hours spent lounging outside enjoying the warmer weather. Thinking of giving your outdoor space an upgrade? We spoke with Serena Armstrong of Mill Valley's [Serena Armstrong Interiors](#) about the latest trends and how to make the most of indoor-outdoor living.

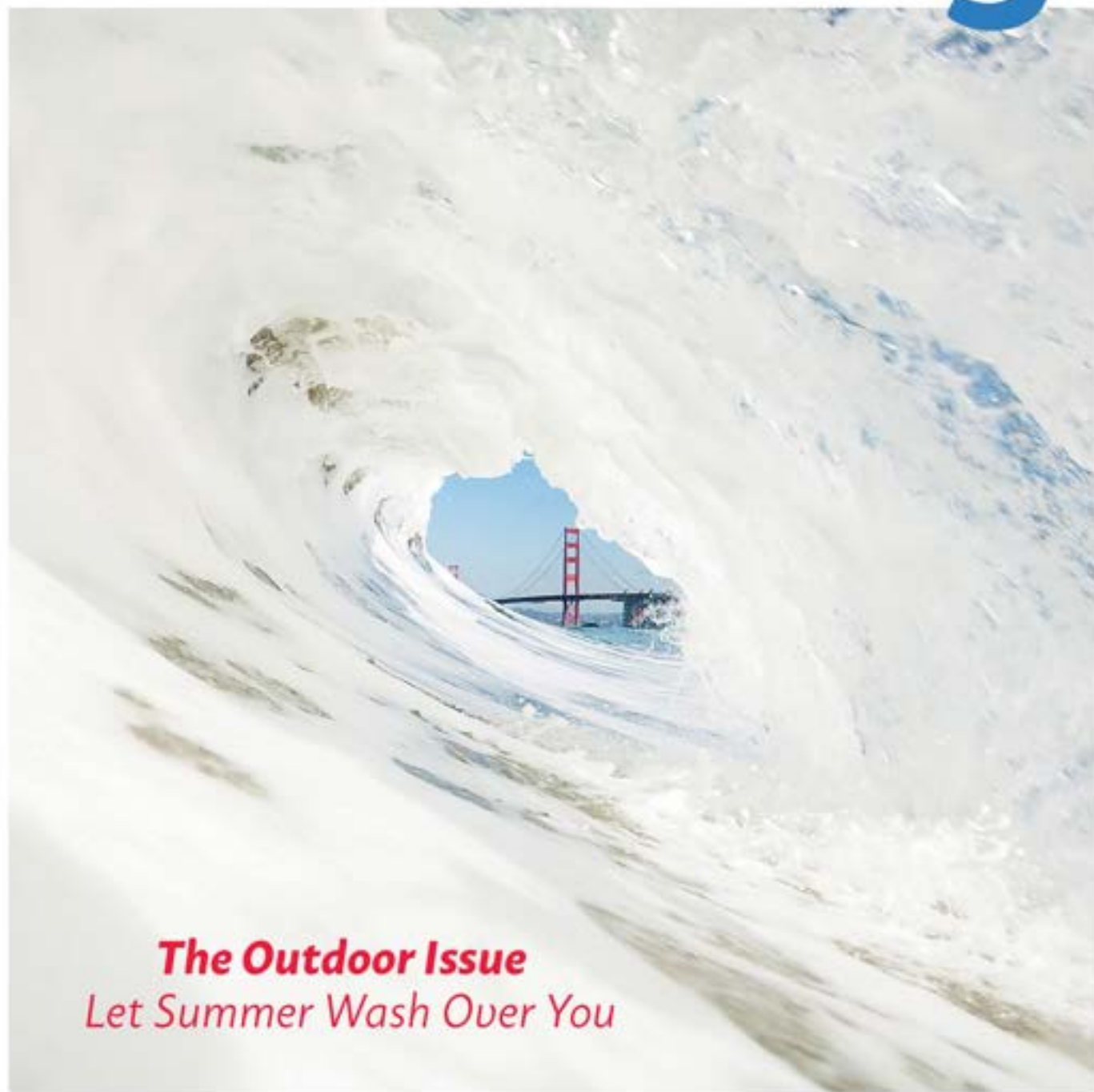
To achieve that new look, Armstrong suggests "mixing modern silhouettes with otherwise traditional homes." And while there are currently lots of fun, contemporary shapes to play with, in terms of color, this year's products are much more subdued. "We're seeing outdoor seating collections in mesh materials and light tones like white and pale gray," she says. The good news is neutral tones are not only aesthetically pleasing, they are also easier to mix and match with pieces you already own.

For smaller spaces, Armstrong encourages you to "think big! As counterintuitive as it may sound, bigger pieces of furniture — pots, lanterns, etc. — will actually make a space feel more spacious." And alternatively, if you have a sprawling outdoor area and can't figure out how to make it feel cozy, she suggests "creating zones much like we do in large rooms. Decide how you'd like the space to function — grilling and dining, relaxing and sunbathing, gathering with friends, etc. — then select pieces that are all the same aesthetic."

And if you are looking for something that will instantly transform your space, think green. "Another high-impact item to add to outdoor spaces are plants — as many as you can manage. They're not only visually appealing, but are also fantastic mood lifters," says Armstrong. Here are a few of our favorite picks to start your summer off right.



marin living.



The Outdoor Issue
Let Summer Wash Over You



1

Inside Out

Give your outdoor living space an upgrade just in time to make the most of summer.


By Casey Gillespie

SUMMER MEANS SWIMMING POOLS, barbecues, dinner parties under the stars and hours spent lounging outside enjoying the warmer weather. Thinking of giving your outdoor space an upgrade? We spoke with Serena Armstrong of Mill Valley's Serena Armstrong Interiors (www.serenaarmstronginteriors.com) about the latest trends and how to make the most of indoor-outdoor living.

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2



All images courtesy of the brands



3

4

1 **Polywood** Elevate 7-Piece Corner Sectional, available at Villa Terrazza (869 Broadway, Sonoma) or www.polywood.com, \$12,049

2 **Model No.** Solis Outdoor Adirondack Chair and Ottoman, available at Model No. (2100 Dennison Street, Oakland) and www.model-no.com, \$1,990

3 **Terra Outdoor Living** Beldere Chaise in Weathered Teak, available at Terra Outdoor Living (258 Bolinas Street, Mill Valley) or www.terraoutdoor.com, \$1,045

4 **Serena and Lily** Terrazza Market Umbrella, available at Serena and Lily (3457 Sacramento Street, San Francisco) or www.serenaandlily.com, \$2,498

5 **Tuuci** Solanox Cabana with Automated Louvered Roof, available at RH Marin (1750 Redwood Highway, Corte Madera) or www.tuuci.com, price upon request

6 **Herman Miller** Voido Rocker, available at Herman Miller (2108 Chestnut Street, San Francisco) or store.hermanmiller.com, \$995



5



6



Design Trend-Spotting in NYC

The [International Contemporary Furniture Fair \(ICFF\)](#) and [WantedDesign](#) shows are oracles of what's coming next in home design. But it turns out all of New York City — from Lower East Side shops to the Whitney Museum of American Art — is a design trend banquet. Find out what HGTV thinks will be next in home decor.



Radical Outdoors

The Solis Adirondack chair from Oakland, California, design house [No.](#) shows how completely designers are blurring indoors and out by creating furniture that could work in either place. The 3-D printed [Solis outdoor series](#) is also uniquely sustainable, made from upcycled coffee husks and is part of the circular design trend in its ability to be composted after use.



WEEKLY FEATURE

Fashion has embraced alternative materials. Why not home?

A flurry of sustainable alternative-materials startups are on the rise. BOH investigates the arduous routes these materials must navigate to make it to market and why the home industry faces additional hurdles.



SHOP TALK

This Minnesota store owner found a niche in life-friendly products

Interior designer Bria Hammel of Brooke & Lou chats about her family-friendly niche, why she loves events and how hiring an amazing team allowed her to find some balance.



PODCAST

Gala Magriñá filters her design business through a holistic lens

On the latest episode of the Trade Tales podcast, Gala Magriñá shares her journey from jack-of-all-trades designer to holistic interiors specialist.

TOP JOBS

CARINI NYC: Junior Project Manager

NEW YORK, NY

Responsibilities include a mix of project management, client support, and some administrative work. Junior Project Manager will be responsible for creating quotes and providing them to clients in a timely manner as well as processing orders with accuracy. Attention to detail is key as Carini specializes in custom work. This role has a customer service focus with a clientele of high-end interior...

[APPLY »](#)

John Rosselli & Associates: Sample Library Associate

NEW YORK, NY

John Rosselli and Associates, a leading representative showroom of high-end furniture and textiles, is looking for a Library Associate to maintain operations within the sample department. We are offering a full-time position, Monday thru Friday from 9:00am to 5:00pm, in our New York showroom located within the D&D Building. This is a physical job; you will be mostly on your feet, climbing a...

[APPLY »](#)

Ohara Davies-Gaetano Interiors: Residential Interior Architect

LOS ANGELES, CA

Ohara Davies-Gaetano Interiors seeks a Residential Interior Architect to join our design team. The Interior Architect will work with our design team on providing support to various components of the interior finish out for residential renovation and new construction projects. Position requires the Interior Architect to draw, create and facilitate CAD/Drawings, shop drawings, and participate...

[APPLY »](#)

Jeremiah Brent Design: Senior Interior Designer

LOS ANGELES, CA

Jeremiah Brent Design, an AD 100 residential interior design firm seeks a Senior Interior Designer with at least 5 years experience in ground up construction and full scale renovations to manage and execute all facets of high-end residential design for projects. As a Designer and Project Manager your role is to manage multiple projects from start to finish taking full accountability down to...

[APPLY »](#)

DHD Architecture and Interior Design: Senior Designer / Project Manager

NEW YORK, NY

General Responsibilities: • Manage all aspects of a project from programming to design to implementation, ensuring the quality and accuracy of each project through to completion. Superb customer service is of paramount importance. • Create interior design concepts and furniture layouts, presentations for clients and technical documentation for manufacturers and artisans • Comfortable...

[APPLY »](#)

Made Goods: Sales Associate

DALLAS, TX

We are seeking a Sales Associate to join our AHD Showroom in Dallas, TX. The role needs someone who enjoys interacting with designer clients and providing strong product and sales support. The position also completes critical communications with the home office to facilitate and ensure timely processing of customer orders. Occasional travel to trade shows may be available. Showroom...

[APPLY »](#)

PEOPLE & PARTIES



Wescover NeoCon Lounge

After a successful debut at ICFF in New York in May, San Francisco-based marketplace Wescover brought their Wescover Lounge to NeoCon in Chicago. Wescover, a marketplace of unique art and design s...

[MORE PEOPLE & PARTIES »](#)

BUSINESS OF HOME

JUN 13, 2022 | CHICAGO | 

Wescover NeoCon Lounge



After a successful debut at ICFE in New York in May, San Francisco-based marketplace Wescover brought their Wescover Lounge to NeoCon in Chicago. Wescover, a marketplace of unique art and design sold directly by creators, appointed a space to serve as a hub for networking, learning and inspiration as part of its mission to support artisans and their original and sustainable works. Guests experienced how creators Fyrn, Model No, Mojow and Mother collaborated to display their products in an inspiring environment.

"We were thrilled to introduce our new product Forest at the Wescover Lounge," said **Dries Bovijn**, co-founder of Mother. "It was our first introduction to the U.S. market, and we were excited to be featured along with so many other new and inspiring products from Wescover creators. Our product definitely caught the attention of many attendees. The Wescover Lounge felt like the exactly right place to be at NeoCon."

"The Wescover lounge at NeoCon was the perfect extension of our online partnership," said **Kevin Wildes** of Model No. "The Wescover team continues to be an ideal partner for presenting creators and makers to the A&D community."

Images by Kirstine Walton Photography

BUSINESS OF HOME

Can't-miss summer launches from EcoBirdy, Chesneys and more

We're only two weeks into summer, and the race for the next big design trend is just starting to heat up. While some brands are turning to innovative, eco-friendly materials to make a statement, others are reimagining old-school motifs in modern ways. From tables composed of discarded contact lens packs to neon-hued Greek sculpture–inspired serving trays, here are some standouts from the latest round of releases.

Product Preview is a weekly series spotlighting the latest and greatest debuts in the marketplace. Check back every Friday for what's new and notable.



The Solis sofa, chaise longue, platform coffee table and lounge chairs by Model No. Courtesy of Model No.

Model No. added a handful of furniture items to its bestselling Solis series. Fashioned using 3D printing technology and sustainable materials, the outdoor-ready selection includes a low-slung sofa, lounge chairs, a slatted coffee table and a chaise crafted from locally sourced, reclaimed elmwood.

MARIN

5 Home Decor Pieces for Outdoor Entertaining, from CB2, RH and More

Solis Outdoor Coffee Table by Model No.



Photo courtesy of Model No.

This table is beautiful, practical—the top comes off, so pillows and a blanket can be stored inside—and environmentally sound. It's made in Oakland, with cherry wood from a responsibly managed forest and plant-based resin, with non-toxic finishes. \$2,570, [model-no.com](https://www.model-no.com)

Design On The Mind: Joshua Smith

Interior designer [Joshua Smith](#), founder and principal designer of eponymous design firm, believes beauty isn't just something to look at. "It's something we experience," says Smith, who divides time between Vermont, New York, Houston, and Palm Springs. "A beautiful interior should engage the senses and nourish the soul. All that to say, think about appealing to all of the senses as you design and decorate."

Smith, who first worked as a real estate agent for seven years in Houston, didn't initially contemplate a career in interior design. That is, until he purchased his first home. "I bought a country house that needed renovation," says Smith, set to open a new studio in Manchester, Vermont. "I didn't know much about renovation at the time, so as I started to delve into design books and magazines something in me ignited. Throughout that project and upon its completion, I truly understood the power of a home and its ability to nurture our spirits and inspire our minds. Home is a collection of pieces that tell a story and is surrounded with beauty. I realized then that beauty is a spiritual principle."

On a whim and after much self-reflection, Smith—whose projects now include a home in the Hamptons, a new build in Litchfield, Connecticut, and a rebuild of the iconic [Butterfly House](#) in Palm Springs—sold everything he owned and moved to New York to enroll in a certificate program at the New York School of Interior Design. From there, he landed an internship with celebrated interior designer, Steven Gambrel. "It was a dream come true," explains Smith. "I made myself indispensable that summer and as hard work and some luck would have it, they offered me a project manager role. I worked with the [S.R. Gambrel](#) crew for 18 months and absorbed all I could." Nine years ago, he launched his own firm.

The busy designer lets us in on some key questions to ask when embarking on a design project, his favorite shops and online resources, and some things to consider during the process.

ANY GUIDELINES FOR CLIENTS BEFORE BEGINNING A DESIGN PROJECT?

"Go within. Sit in stillness and reflect and ask questions to yourself. These questions can be along the lines of:

- What colors do I wear most?
- What's my favorite memory and why?
- What was my favorite vacation and why?
- Who are my favorite artists, writers or musicians and why?

- How do I want the room to feel?
- What did you love to do or play as a child before any efforts to conform to what you thought the world wanted you to be?
- What's your favorite movie?
- What about it do you love?
- What's your favorite season or holiday and why?

Then, inspect your answers for the common threads, feelings, colors, and essence of you. The whys will tell you what resonates deeply with you. Let that be the starting point as you seek inspiration for your style."

A SINGLE DESIGN ELEMENT YOU CAN'T LIVE WITHOUT?

"Texture. It is everything. Without it, everything would feel flat and boring. Texture brings everything to life. Look at how Mother Nature does it, and think of what the world would look and feel like without texture. My favorite texture go-tos are blankets, natural fiber rugs, crystals, and baskets."

YOUR TOP SOURCES?

Moe's Home Collection

"They have a huge variety of styles and amazing wood finishes that are super stylish yet budget friendly, which is always great for my mixing highs and lows philosophy."

Circa Lighting

"The selection, the quality, the finishes and price points fit various ranges of client budgets."

Model No.

"Their commitment to sustainability and reasonable lead times drew me in, on top of their gorgeous and unique offerings for indoor and out. I'm obsessed with their recycled plastic furniture forms."

WHAT IS YOUR DESIGN PHILOSOPHY?

"Find your home within. Since I believe our homes are our sanctuaries, or places of refuge and renewal. Taking the time to truly know oneself is the catalyst to create the special place that resonates with one spirit. And of course, the second meaning of that mantra is that even though we can surround ourselves with beautiful environments that uplift and elevate, there is also always a sitting stillness going on within. The true joy and peace we are all looking for is within, if only we take the time to uncover it. Can you tell I am a certified meditation teacher and certified life coach as well?"

Leading light: Model No. debuts line of lamps and pendants

Sustainable, high-end furniture manufacturer Model No. is introducing its first full line of lighting — all the lamps and fixtures 3D printed from a mix of food waste, wood dust, and corn and sugar processing leftovers. But the company says the style of the line is as important as the sustainable components used to produce each piece.



The Amorpha collection of pendants includes six silhouettes, all inspired by ancient vases.

"There is so much that can be done with our 3D printers by way of creating interesting designs and innovative shapes, sizes, colors and configurations that can be mixed and matched for different types of spaces," says Jeffrey McGrew, co-founder and chief technology officer for the Oakland, California-based company. "With lighting, we felt there was a real opportunity for us to be creative and inventive in this way."

The table lamps, floor lamps and lighting fixtures are 3D printed using polylactic acid, or PLA, pellets made from agricultural and other waste. It's the same material Model No. uses to produce its Solis series of sculptural outdoor furniture. The company produces a range of high-end indoor and outdoor furniture and home accessories — many pieces 3D printed and others made with natural fabrics, hardwoods certified by the Forest Stewardship Council and salvaged woods. All of its materials and components are primarily sourced from local and U.S. suppliers, the company says.



Like all Model No. lighting, the Cumulus pendant comes in a warm amber or bright white LED.

Model No.'s new lighting line includes more than a dozen lamps and fixtures in several collections and styles:

- Eos is a group of five table lamps in simple, geometric shapes that the company says "share form, scale and playful negative spaces." The base of each is made with sustainable hardwood or salvaged elm. They can be grouped or used individually, with each lamp retail priced at \$430.
- The 3-Point floor lamp has a strong midcentury modern vibe. Its 3D printed shade sits atop a tripod of hardwood legs (\$800).
- The six pendants in the Amphora series were inspired by ancient vases of the Mediterranean, according to the company. They are designed to be used individually in a smaller space or grouped for a dramatic presentation in a larger room (\$330-\$480, depending on configuration).
- The Celestial pendant calls to mind stars and the celestial sky. It can sparkle brightly on its own or be combined with other Celestial pendants into a constellation (\$330-\$480, depending on configuration).
- Model No. designers looked skyward again to find inspiration for the Cumulus pendant, named for the fluffy white, fair-weather clouds (\$330-\$480, depending on configuration).

The LED lamps and fixtures come with two options: a warm amber LED or a vivid bright white LED.



Model No. is offering five table lamps in its Eos series.

"The effect is pretty extraordinary because of the translucency of the PLA material that directs the light," McGrew says. "It has a really striking glow and color through the material."

The line is available through Model No. and also through retail partners [1stDibs](#) and Wayfair's luxury home e-commerce site [Perigold](#).

"Both retailers will be carrying a selection of products from us, including the new lighting collections," McGrew says. "We felt aligned with both Perigold and 1stDibs as they each do a nice job of presenting quality products to their discerning customers. Our mission is rooted in a high-tech, high-end and low-impact approach, so we feel that we bring a unique and new customer, who is not only attracted to a modern aesthetic but is mindful about consumption and shopping sustainably. Retailers who share this ethos with us are typically a good fit for our products."

The company says its manufacturing method eliminates long lead times, and the new lighting fixtures are shipped within five weeks of purchase.



The Celestial pendant, like others from the company, can hang alone in a small space or be grouped for dramatic impact in large spaces.

Model No.'s lighting line was designed in-house but McGrew says the company is collaborating with other artists and designers on home introductions slated for later this year. The company plans to show in Miami at Design Miami Nov. 30-Dec. 4 and the companion Art Basel event Dec. 1-4.

"Next year, we are planning on prioritizing Modernism Week, ICFF, NeoCon and a few other shows to best connect with our A&D and commercial audience on innovative sustainable projects," McGrew says. "We see a huge opportunity to create beautiful but also sustainable and healthy living and work environments in both residential and commercial environments, so we always look forward to connecting at these shows."

New lighting created using food waste and wood dust

3D furniture printer Model No. enters new category



The Cumulus pendant works as an individual light above a small space or as a series of two or three lights used above a counter or dining table space.

OAKLAND, Calif. – Model No., a company that makes 3D-printed custom furniture is offering a new 3D printed lighting collection made from food waste and wood dust.

The EOS series is designed to live as a family of objects, according to the company. The lamps share form, scale and are compelling when arranged as a group or as independent fixtures. The collection is naturally translucent and opaque that creates an unusual visual on its surface while spreading a soft, even light. The EOS series retails for \$430.

The Celestial pendant is inspired by stars and astronomy, which brings “mesmerizing style and glow to the space,” according to the company. The pendant retails for between \$330 and \$480 depending on the configuration.

The new 3-Point floor lamp combines a midcentury modern aesthetic with sustainable materials and technology. The lamp features a 3D printed shade that's built onto a tripod of sustainably sourced hardwood legs and retails for \$800.

And finally, the Cumulus pendant is inspired by the layered nature of cumulonimbus clouds. It works as an individual light above a small space or as a series of two or three lights used above a counter or dining table space. It retails for between \$330 and \$480 depending on the configuration.

The lighting pieces are currently available on the [Model No.](#) website as well as on the [Perigold](#) site and on [1stDibs.com](#).

With this launch, Model No. adds to its growing furniture offerings with the debut of premium tabletop, décor and other household products. The new products also include flatware, ceramics, dinnerware, glassware, candle sets, textiles and kid's products.

Furnishings from Model No. are made domestically with sustainably sourced materials and produced using eco-friendly automated tech including 3D printing.

FurnitureToday

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DESIGNERS TODAY



New lighting created using food waste and wood dust

3D furniture printer Model No. enters new category

OAKLAND, Calif. – **Model No.**, a company that makes 3D-printed custom furniture is offering a new 3D printed lighting collection made from food waste and wood dust.

"The inspiration for this new collection derived from both the innovative shapes and configurations often found within nature or within the ancient world," said Phillip Raub, Model No. CEO. "Entering this new category, we felt there was a unique opportunity to create visually creative and inventive lighting fixtures to add value to the current options in the market while also being complementary to our current product portfolio."

The EOS series is designed to live as a family of objects, according to the company. The lamps share form, scale and are compelling when arranged as a group or as independent fixtures. The collection is naturally translucent and opaque that creates an unusual visual on its surface while spreading a soft, even light. The EOS series retails for \$430.

The Amphora series is inspired by the rich variety of ancient vases of the Mediterranean. The series is designed to illuminate everything from a small space with one pendant to a series of pendants that could be used to light a larger space. These pieces retail for between \$330 and \$480.

The Celestial pendant is inspired by stars and astronomy, which brings "mesmerizing style and glow to the space," according to the company. The pendant retails for between \$330 and \$480 depending on the configuration.

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"With the Celestial pendant and the Cumulus pendant, we were deeply inspired by the abstract forms found in astrology and clouds to create these distinct designs," Raub added. "With the Eos and the Amphora series, we were particularly drawn to the various shapes and sizes of ancient vases found along the Mediterranean, and the idea of fusing those unique silhouettes with lighting to create a truly sculptural and visually interesting fixture."

The lighting pieces are currently available on the [Model No.](#) website as well as on the [Perigold](#) site and on [1stDibs.com](#).

With this launch, Model No. adds to its growing furniture offerings with the debut of premium tabletop, décor and other household products. The new products also include flatware, ceramics, dinnerware, glassware, candle sets, textiles and kid's products.

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BUSINESS OF HOME

Pepper Home's collab with Loom, hand-crafted designs from Orior and more

The dog days of summer have arrived, and with them comes an array of forward-thinking launches to mull over while languishing in the AC. From maximalist machine-washable rugs to sailboat-inspired dining tables, here are some of our favorite debuts from the past week.



The Amphora Hive and Amphora Rook pendants by Model No. Courtesy of Model No.

Model No. released its inaugural line of lighting. Crafted using 3D printing technology and sustainable materials such as food waste, wood dust, FSC-certified hardwood, and corn and sugar leftovers, the collection offers 13 streamlined yet sculptural designs, including the star-shaped Celestial pendant and the Mediterranean-style Amphora series.

Furniture-Maker Launches First 3D Printed Lighting Collection from Sustainable Materials



Model No., started in Oakland, CA, in 2018, is a furniture manufacturer that uses PLA pellets derived from **agricultural waste** to 3D print made-to-order home furnishings. Model No.'s latest product line, a lighting collection, represents an entry into a new market sector for the company.

Sustainable Manufacturing

Including three different types of chandeliers and two types of floor lamps, the collection — like all the furniture Model No. makes — is printed from PLA pellets provided by **NatureWorks LLC**. Headquartered in Minnesota, NatureWorks is a subsidiary of agricultural products conglomerate **Cargill** (the US's largest privately-held company by revenue), and **PTT Public Company Limited**, a Thai state-owned oil and gas company. The bioplastics that NatureWorks produces are made from a combination of food waste, corn and sugar cane detritus, beetroot, and wood dust.

Additionally, Model No. sources all of the wood used in its products from **Forest Stewardship Council** (FSC), a nonprofit organization that evaluates timber goods, providing certification to companies it considers to be responsible managers of forestry resources. Thus, by utilizing a multi-pronged approach of bioplastics, sustainable timber, and on-demand production, Model No. has created a structure that can continuously be built upon as the company scales up, to gradually make further improvements to its carbon footprint reductions.

Moreover, it's not just the production process that sees benefits from the approach made by Model No. Although it still flies well under the radar, public perception has nonetheless become increasingly attuned in recent years to the fact that American furniture products are loaded with carcinogens, mainly used to make cushions more flame retardant. That leads to **outgassing**, or off-gassing: the slow evaporation of gases trapped in a material into the surrounding environment. Obviously, this becomes a problem when those gases are harmful to humans, and released indoors.

In an interview with **Barron's** from this past March, Philip Baum, Model No.'s CEO, addressed how the company approaches the problem of off-gassing in its manufacturing process. He asserted that Model No. had this specifically in mind, when it set out to create a couch that was composed of the highest percentage possible of the most natural materials available. With the proliferation of cheap LEDs in recent years, it's crucial that this same approach be taken to the lighting sector. The use of bioplastics also helps maximize the likelihood that at the end of their life cycles, lighting products can be recycled, rather than thrown away.

In the same interview mentioned above, Baum also said that one of the company's major long-term strategic objectives is to open micro-factories, like the one at Model No. headquarters in Oakland, across the country. This would add the dimension of minimizing the distance of production from the point of sale, to the company's multifaceted carbon emissions approach.

Petrochemicals vs. PLA

As with the rest of Model No.'s product lines, the lighting pieces are not cheap, running from a range of \$330-480 per configuration for chandeliers. The floor lamps are even more expensive: the Eos series, available in five different styles, is \$430, while the 3-Point Floor Lamp costs \$800. Still, consumers whose purchases are driven by considerations of sustainability tend to be able to afford higher prices, and willing to spend more. Further, prices for such goods will likely eventually decrease at least somewhat, the more that the consumer market for sustainable manufacturing grows. In contrast, it seems likely that consumer goods made from petrochemicals will only continue to increase in price, as the rising rate of fossil fuel costs shows little signs that it will slow down, long-term.

Finally, the paradoxical nature of trying to consume ethically in a hydrocarbon-fueled, market-based economy is highlighted by companies such as NatureWorks, the supplier of Model No.'s PLA pellets. Aside from **the question** of whether PLA has truly meaningful advantages over petrochemical-based plastics in terms of carbon emissions, NatureWorks' parent companies are an oil and gas firm (PTT), and Cargill. Former Congressman Henry Waxman once called the latter "**the worst company in the world,**" owing to its broad swath of environmental and human rights violations.

Thus, there is also the obvious question about whether NatureWorks is just **a greenwashing campaign** by its parent company. And, in turn, that brings up the problem of how much that actually matters if carbon emissions are reduced long-term, anyway. Over time, it would, of course, be preferable if every link in the supply chain were beyond reproach. For the foreseeable future, however, it seems like we are going to still largely be relying on polluters to drive greater adoption of sustainable practices.

These Sustainable Lights Are Made From Food Waste + Wood Dust



Oakland-based Model No. is expanding into lighting for the first time, rounding out their offerings which already includes an array of furniture, bins, and small home accessories. Not one to create waste or overage, the brand has designed 13 new products that are all 3D printed on demand at its micro-factory in California. The pieces are made using a sustainable plastic pellet blend consisting of food waste, corn and sugar leftovers, wood dust, and sustainably-sourced, FSC-certified hardwood.



The Amphora Pendant series is inspired by ancient vases of the Mediterranean and, similar to the Eos series, can be arranged as a group or a singular pendant on its own.



The Eos series includes five different table lamps, each with its own unique shape but created with the same translucency and opacity. The lamps can stand on their own as independent fixtures or grouped together as a family as they share similar form, scale, and negative spaces.



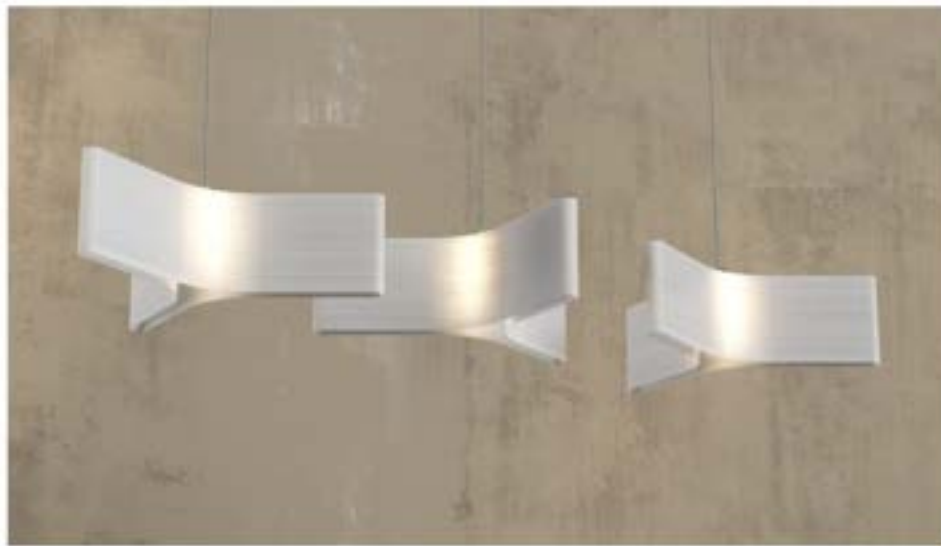
Eos Fluted Table Lamp



Eos Beacon Table Lamp



Inspired by stars and astronomy, the Celestial Pendant has a more angular design to illuminate your space.





The 3-Point Floor Lamp has elements of mid-century modern design and features a 3D printed PLA shade built onto a tripod of sustainably sourced hardwood legs.





Lastly, the Cumulus Pendant has soft curves similar to the cumulonimbus cloud and works as an individual piece or a trio over a dining table space.



Model No.'s lighting collection is available at 1stDibs. Products are made-to-order and ship within 5 weeks of purchase.

HICONSUMPTION

Model No.'s First-Ever Lighting Pieces Pair Mid-Century Charm with Sustainability



Since its launch just a few years ago, Model No. has made products ranging from chairs to coffee tables to planters to headphone stands, all with a focus on design that oozes with a [mid-century](#) ethos and sustainability built into its core. However, until the other day, the Oakland-based furniture company's oeuvre had yet to include lighting fixtures of any kind.

Model No.'s new lighting series features 15 pieces spread out over two collections and a pair of standalones. For the Eos line, there are six table lamps, each with a unique shape which stands atop one of four wood stand options: walnut, ash, charcoal ash, or salvage elm. The seventh Eos piece is a magnificent 3-point [floor lamp](#) that stands over 2ft tall with a coned shade and wooden legs. On the other side of things is the Amphora series of hanging pendants, consisting of six beautiful silhouettes about 18" in height and hooked up with either a soft plug-in cord or a metal hardwired cord that can be fitted to your ceiling. The pair of standalone pendants — the Cumulus and the Celestial — sports designs that are somewhat different from the rest of the pack.

Inspired by the vases made by Ancient Mediterranean artisans, these shades are all artistically evocative yet stylistically versatile, able to blend with most home decors. Each lamp has three shade color options as well: alabaster, acacia, or obsidian. In order to minimize waste, every shade that's ordered is 3D printed on-demand using a PLA pellet blend made from a combination of food waste, such as corn and sugar remnants, wood dust, and sustainably-sourced FSC-certified hardwood. The lamps are then hand-finished at Model No.'s studio in Oakland.

The prices range from \$420 for its table lamps and small-sized pendants to \$800 for its floor lamp. The lighting collection is available now through Model No.'s website.

PURCHASE: \$420+



What Will the Furniture of the Future Be Made From?

In the architectural conversations we are having in today's world, conversations on materials are widespread. There is discussion on the viability of concrete in the contemporary context, how timber can be more sustainably sourced, and on how biodegradable materials such as bamboo should be more common sights in our urban environments.

But we also need to be talking about what goes into these buildings – that is, the **furniture** that decorates, enhances, and makes habitable the buildings around us. The materials used to craft these objects have constantly evolved over centuries, and as we approach the end of 2022, it's worth asking – what does the future hold for what our furniture will be made from?

Well, the facts are, that this future does not consist of completely new materials per se. It consists of re-thinking the existing materials we use to construct furniture with, slightly re-tooling them in innovative ways.

As a naturally renewable material that is easy to forge, **wood** is a popular sustainable choice for making the chairs, tables, and cabinets that populate our homes, workplaces, and recreational spaces. However, a lot of the wooden furniture being manufactured and in circulation today is in fact **not biodegradable**. A lot of wooden furniture is coated in polyurethane – a liquid coating applied to minimize how the wood is impacted by solvents, water, and abrasion. Polyurethane, as a type of plastic, however, slows down the wood's ability to biodegrade.

The future of wooden furniture could instead see the wider adoption and championing of plant-based oils like tung oil or linseed for coating. Approaches of furniture companies like **Model No.** – based in Oakland in the U.S state of California – could become more commonplace in the far future. To finish their hardwood products, bio-resins are applied, which compost more easily over time and are thus more environmentally friendly.

Wood is also present in another approach that could be more commonplace in the future – biofacture, where biological organisms are used to manufacture new materials. A 2017 **project** by furniture **designer** Sebastian Cox and interdisciplinary **researcher** Ninela Ivanova saw a series of lamps and stools manufactured out of wood waste and a fungal plant. As the vegetative part of the fungi grows, it binds the wood waste around frames to form compostable furniture. It's a development that is also interesting in an aesthetic sense, but it remains unclear how it would be produced on a global scale.

But as much as designers [experiment](#) with materials ranging from lab-grown cellulose to spider silk, the future of furniture materials seems to also be heading in a direction where the cast-off and thrown-away – waste – is front and center. An [armchair](#) manufactured by Dutch company ZUIVER Group in 2019 is made up partly of coffee residue – using the waste produced by worldwide coffee consumption. [Furniture](#) brand Actiu recently launched a [chair](#) made out of 100% recycled fiberglass and polypropylene plastic – sourced from vegetable and fruit boxes from the [Spanish](#) Andalusia region.

Designed in collaboration with [Italian](#) architecture office [Archirivolto Design](#), it's a minimal, multi-purpose piece of furniture – and perhaps points to a future where the "mouldability" of materials will take even more precedent, as designers look to design objects that seamlessly fit in diverse contexts.

The future of what furniture is made of is perhaps best exemplified by this year's [Salone del Mobile](#), where multiple furniture designers and architects explored alternative materials – responding to the Salone theme of embedding environmental awareness and sustainability into furniture production. Dutch materials development company [Cooloo](#) experimented with the brief of creating long-lasting, durable furniture out of recycled materials. Their [Ameba](#) chair, designed by [Hugo de Ruiter](#), eschews a wooden or metal frame, being cut out of a block of foam, and has multiple coating options – including recycled jeans and leather.

The future of furniture seems to be heading towards a direction where existing materials are enhanced by new ones, and where upcycling and recycling is creatively done to result in bolder, creative forms. Perhaps it is also a future of even closer collaboration between furniture designer, researcher, architect, and materials supplier, where ground-breaking material discoveries exist hand-in-hand with greater consideration of where materials come from, and where they end up.

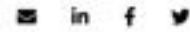


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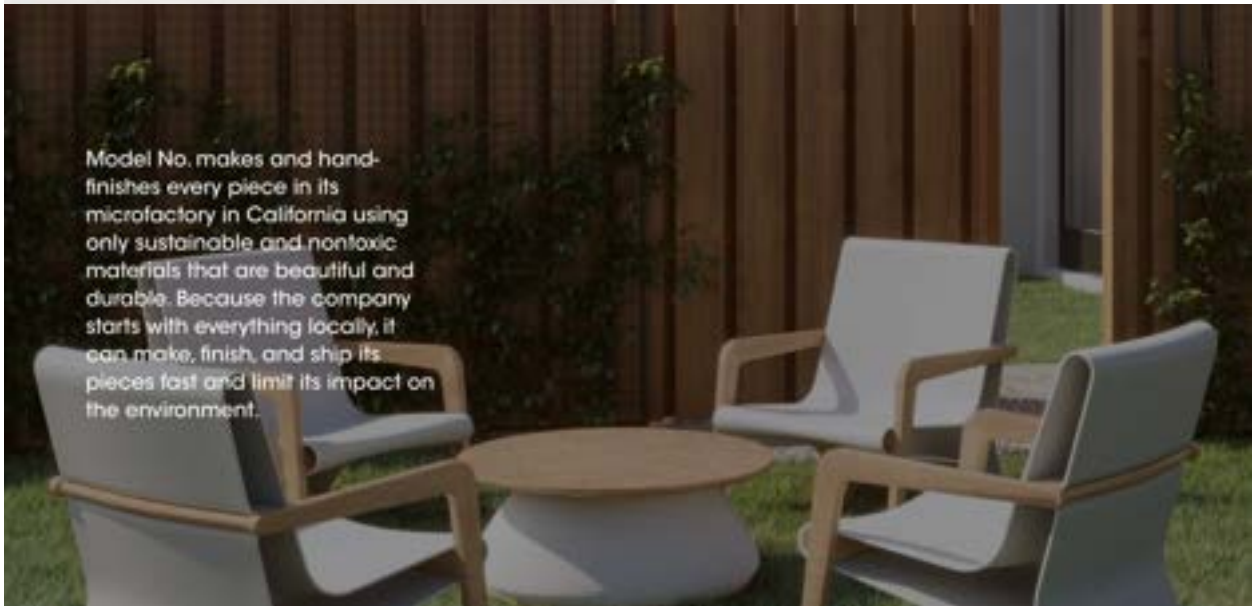
BRAND SPOTLIGHT

Model No.: Planet & People First

WORDS BY ALICIA ROSSINGTON



Model No. makes and hand-finishes every piece in its microfactory in California using only sustainable and nontoxic materials that are beautiful and durable. Because the company starts with everything locally, it can make, finish, and ship its pieces fast and limit its impact on the environment.



The heart and soul of Model No. is design with a planet-first ethos. "Our purpose is to design elegant furnishings, but it's more than this," says Stuart Johnson, VP Brand & Marketing. "Our mission really is to help lead the industry in the transformation of the way we design, produce, and sell furniture so that is healthy for people and our planet. That informs nearly everything we do across the business."

Model No. was born from the core idea furniture can be made that's not toxic for people and the planet. It's a similar concept to the way many health food products were created in response to fast food, Johnson adds. "We believe furniture can be healthy. Although many companies have made progress with their sustainability efforts, I think most companies would admit there is a long way to go. Without compromising higher design, we are forging a path that leaves no trace with technology, additive manufacturing, domestic manufacturing, and sustainable materials."



Everything the company uses in its products has to meet high standards for sustainability. And Model No. starts from a place of zero impact and local sourcing. For wood products, they start with FSC certified woods. Recently, they have started to use locally salvaged woods like elm which is native to the Bay Area. The company's 3D printed items use PLA pellets that are manufactured using plant waste like old cornstalks and saw dust. "We can't always meet every criteria for sustainability. Some material is just not available locally. So we have to make trade-offs and push for change," Johnson adds.

In fact, Model No.'s model for sustainability is what Johnson says is the company's main differentiator. Model No. uses clean technologies such as 3D printing with sustainable materials to make its products to order for clients. All 3D printing and digital fabrication happens in the design studio and microfactory in the Bay Area.



"Beyond tech and sustainable materials, we make everything to order which means we hold no inventory and don't need huge temperature-controlled warehouses," Johnson says. "We also produce and ship only to the U.S. market. So, we give clients the same beautiful furniture with zero impact to the planet."

Thus far, in-house designers have designed all of Model No.'s products. "Lately, a number of who I would call mission-driven artists and designers have shown interest in collaborating to explore the huge potential of using 3D printing and plant-based materials like PLA. So you can expect to see some collaborations and more provocative statement pieces in the future," Johnson says.

105 Products That Will Instantly Upgrade Your Home

After a year of testing, these are the items that earned our stamp of approval.



BY MEDINA SAINT-ELIEN PUBLISHED: AUG 25, 2022



It's safe to say that at *House Beautiful*, we're quite simply obsessed with finding the best items for the home. Yes, that means the pretty things, but it's also the functional finds that simply make life better. Our 2022 [Live Better Awards](#) highlight over 100 gems you'll wonder how you ever lived without. Feast your eyes on a sleek matcha maker, a countertop dryer for small spaces (yup, our jaws dropped too), and a play set so chic it'll actually complement your existing aesthetic.

Over the past year, our design editors and trusted contributors tested countless items to bring you the final list, divided into 8 categories: The products are focused on helping you **plant better**, **feel better**, **dine better**, **parent better**, **clean better**, **entertain better**, **relax better**, and **adult better**—and ensure your home still looks good while doing it. Treat yourself to the most innovative (and stunning) products of 2022. This wishlist is on us!



Model No. Solis Adirondack Chair

\$1,590 AT [MODEL-NO.COM](https://www.model-no.com)

Just imagine: You on a gallery-worthy 3D printed Adirondack chair, an ice cold drink, and your legs propped up on a matching ottoman. Zero-waste dreams.

ESSENTIAL GUIDE TO BAY AREA ARCHITECTURE, LANDSCAPE + DESIGN FIRMS 17TH EDITION

SMALL FIRMS GREAT PROJECTS

SAN FRANCISCO ARCHITECTURE

Housing +

**Contemporary
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ON THE COVER

Terry & Terry Architecture: Edgewood House
Photo by Bruce Damonte



Our House, Your Home

California-based makers, artists, and manufacturers are among those furnishing the new Center for Architecture + Design. If these standouts from their collections are an indication of what to expect, the style factor will be high for CA+D.



Calor Fire Feature from MANOS — the product arm of custom manufacturer Concreteworks — is the most elegant of its fire table line, gently meeting the ground as it recedes. A natural finish on the exterior edges complements a honed top surface. Made by hand in North America, and shown here in *Ash*, Calor retails from \$6,099-\$9,899 (pricing varies by size, and additional sizes and options are available to trade professionals). Visit www.manos-made.com.
COURTESY OF CODY PERHAMUS

Ryan Bucko's work breaks new ground by deconstructing and contrasting semblances of 20th century architecture against the dynamic textures of abstract expressionism. From the San Francisco-based painter and sculptor's Geometric series, and part of the artist's private collection, **One** is made with mixed-media and wire on canvas. Contact the artist to request a commission at www.ryanbucko.com.
COURTESY OF RYAN BUCKO

Designed by Ayse Birseland and Bibi Seck, and inspired by the goblet drums of West Africa, champagne corks, and forest mushrooms, **Bloom** distills these forms with a soft, organic, and playful hand. Shown here is the bar-height stool with a powder-coated metal foot ring and upholstered in a knitted fabric from Kvadrat Febrik. Manufactured in Los Angeles by Martin Brattrud, an employee-owned company founded in 1946, Bloom is available in a wide selection of fabrics and metal finishes. To the trade at www.martinbrattrud.com.
COURTESY OF MARTIN BRATTRUD

Rummy, Jr from Henrybuilt's Primary Objects collection takes the functional sophistication of the Seattle-based manufacturer's system design into single pieces. A timeless balance of plush and minimal, this perfect-for-one version of the standard Rummy chair features a handmade tenoned and doweled from solid walnut (as shown) or oak, and cushions made with foam and feather. Available for \$7,090 at www.henrybuilt.com, or call 415.360.2915.
COURTESY OF HENRYBUILT



Lisa Boquiren is an architecture and design aficionada who provides brand strategy for creative businesses. She has overseen rebranding initiatives at EHDD Architects and the San Francisco Design Center. She creates convergent conversations on A+D and has presented at the American Institute of Architects' San Francisco and Los Angeles chapters, San Francisco Design Week, and Architecture + City Festival. Her editorial work has appeared in *Marin Magazine* and *SPACES*.

PHOTO BY THOMAS HEINSER

Statement Pieces

These furnishings brands deliver on style and substance

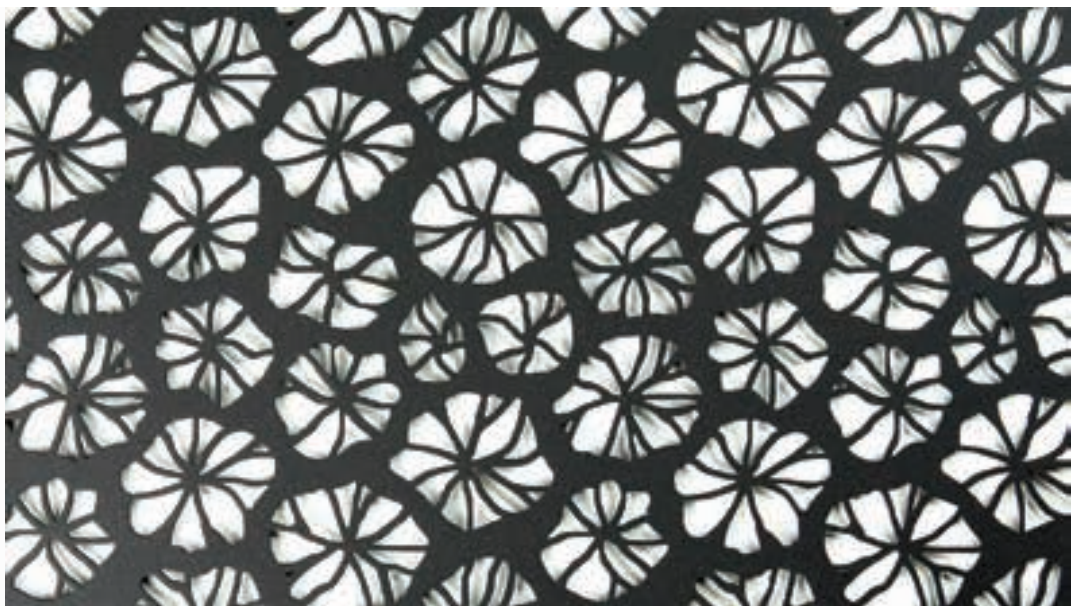
Ronchamp Floor Lamp by Charles de Lisle for Phoenix Day features a matte black base, a swivel-joint shade with a decorative hole pattern, and a full range dimmer on the cord. Founded in 1850, Phoenix Day — the company that provided San Francisco with its first fueled street lanterns — maintains a Bay Area workshop. Trade price upon request at Sloan Miyasato: www.sloanm.com or call 415.431.1465.

The City Table from Sabai is made in partnership with Cambium Carbon, which sourced fallen urban trees from Baltimore for the table's solid ash top. The base is made from recycled and recyclable steel. Made to order in the U.S. for \$595 from Sabai: www.sabai.design.

Hasu by Modern Metal is a precision-laser cut pattern that pushes the organic and what is typically perceived in metal form. Former fabric designer Annie Kantor founded the Oakland-based company after a frustrating search for enticing metal coverings for her historic property. Pricing available upon request at www.modmetaldesigns.com, or call 510.516.7713.

3-Point Floor Lamp from Model No. features sustainably sourced hardwood legs and a 3D-printed shade made from a pellet blend of food waste, corn and sugar leftovers, and wood dust. Made to order for \$800 from the company's micro-factory in California: www.model-no.com.





hospitality design

marketplace fall 2022 hospitalitydesign.com

bright ideas

the product marketplace



hd Presenter of
expo+
conference

products made in america

Homegrown craftsmanship breaks the mold

By Kathryn Greene



1



2



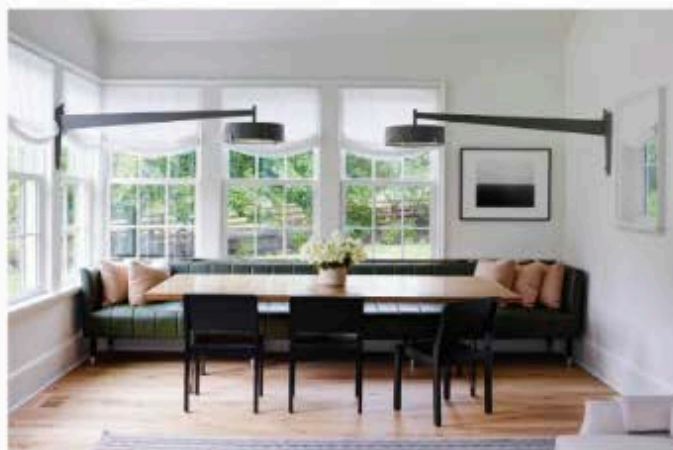
3



4



5



6

1 Evoking ancient Mediterranean vases, Amphora—**Model No.**'s first lighting collection—combines a 3D-printed PLA pellet blend of food waste, corn, and sugar with FSC-certified hardwood. MODEL-NO.COM

2 SquareD from **Durkan Hospitality's** Fractal Fluency collection derives its pattern from the original dot dash pattern of computer code developed to power looms. The modular tiles are available in five colorways on EcoFlex ONE backing. MOHAWKGROUP.COM

3 A walnut veneer backrest meets elegant curving solid walnut legs in **Samuelson's** 8735 Phorm Side Chair, providing a sleek contrast to the cream saddle leather seat. SAMUELSONFURNITURE.COM

4 **Bläanks'** collection of contract knits (shown in #1 rolled stitch) are sustainably knitted from a recycled cotton-blend yarn and manufactured using a zero-waste process, yielding machine washable, fade-resistant fabric that passes NFPA 260 testing. BLAANKS.COM

5 **Valley Forge Fabrics'** Upcycled Marine Upholstery transforms reclaimed plastic from waterways into a sustainable range of textiles that are PFA-free, fade-resistant, OEKO-TEX, and Greenguard Gold certified. VALLEYFORGE.COM

6 Inlaid metal within the top of quartered and rift-cut wood adds eye-catching detail to **KGBl's** Baer. Shown with a bronze inlay on fumed white oak, the table can also be configured in any combination of American black walnut or gray stained white oak with brass or nickel. KGBLNYC.COM

IDEAT

CONTEMPORARY LIFE



Model No. conçoit des lampes écoresponsables à partir de déchets alimentaires

En Californie, un studio de design utilise un bio-plastique compostable pour fabriquer des luminaires.

Difficile d'imaginer que les restes d'un repas peuvent se transformer en une série de lampes éco-responsables. C'est pourtant le pari du studio Model N°, installé à Oakland. Décryptage de ce nouveau biomatériau.

A rebours de la consommation de masse

Fondée en 2018, cette micro-usine californienne édite du mobilier durable et haut de gamme en couplant impression 3D, conception digitale et utilisation de biomatériaux. Des bancs aux sofas, en passant par les tables basses, chaque pièce Model No. est réalisée à la demande afin de lutter contre la surproduction.

Car si le bois est facilement recyclable, beaucoup de marques enduisent leurs meubles de polyuréthane. Model No. a au contraire choisi d'avoir recours à des bio-résines qui préservent la surface de l'usure tout en permettant au mobilier d'être plus tard recyclé.



Lampe à poser cannelée Eos

Des luminaires en bio-plastique

Model No. vient de dévoiler une collection de lampes éco-responsables réalisées à partir d'un bio-plastique composé de restes de maïs, de betterave et de sucre, de sciure de bois, d'un bois massif durable et de déchets alimentaires.

Les treize modèles se déclinent en trois différents types de suspensions et de deux types de lampes à poser. La série Eos a été pensée pour fonctionner comme une famille d'objets : les cinq lampes partagent une échelle et un jeu similaire autour des espaces négatifs tandis que leur opacité naturelle permet la diffusion d'une lumière douce.

La collection Cumulus est, quant à elle, inspirée de la forme des nuages alors qu'Amphora évoque celle des vases antiques. La lampe tripode 3-Point affiche, pour sa part, un style moderniste. De quoi convenir à tous les intérieurs !

Le mobilier du futur sera-t-il compostable ? Grâce aux innovations d'entreprises comme Model No., on semble en tout cas en prendre le chemin.

> Lampes éco-responsables Model No. à partir de 421 euros.



Suspensions Cumulus

Model No.

14 Products Bring Digital Inspiration into the Physical Realm

Amorphous shapes, 3D-printed objects, digital patterns.

Distinguishing qualities of the latest products often suggest those of the metaverse, that malleable digital space where people can create and interact with their own virtual designs. Given the amount of time designers are spending online, it's little wonder that futuristic fantasies are seeping into everyday life. A case in point is Kohler's newest lav basin. A collaboration between the 148-year-old brand and American artist Daniel Arsham, it is a 3D-printed sink-meets-art installation and seems as much at home in a dream as in a hotel or residence. Many other items spotted at this year's Salone del Mobile, NeoCon, and ICFE fairs similarly blur the boundaries between real and digital. *Metropolis* uploaded a few.



COURTESY MODEL NO.

SOLIS SERIES STORAGE TABLE

Part of an outdoor furniture collection from Model No., this elm storage table is digitally fabricated, then hand finished with a zero-VOC wood oil.

MODEL NO.

model-no.com

By Design: WestEdge Dallas eschews a trade-show format in favor of a “lifestyle event” this September.

Market Hall will be the go-to destination for modern design aficionados with the debut of WestEdge Dallas, September 16–18. The three-day curated event will showcase a myriad of high-end domestic and international manufacturers alongside independent designers and makers of premium furniture and lighting. “After a two-year Covid break, the timing is right,” says WestEdge principal Megan Reilly.

5:00–6:00 PM

Standing Out

Presented by WESCOVER

Join us for an intimate chat with interior designers Kristin Marino of Austin based KozyKasa and Byron Risdon of Byron Risdon LLC in Washington DC. Find out how they are pushing the envelope through their innovative approach to design. They will be joined by Kevin Wildes of Oakland based sustainable furniture brand Model No along with Dallas based textile artist Nosheen Iqbal. All these creatives share a passion for supporting local artisans, craftsmanship and sustainability. Learn how these designers stand out by thinking outside the box and sourcing unique and thoughtfully designed products for their projects.

Moderated by: Hilary Sessions, Head of Partnerships + PR at WESCOVER

Featuring: Kristin Marino, KozyKasa; Byron Risdon, Byron Risdon LLC; Kevin Wildes, Model No; and Nosheen Iqbal, WESCOVER Creator

BUSINESS OF HOME

FUTURE OF HOME | SEP 13, 2022 | [📄](#)

Highlights from Day 2 of the Future of Home conference

We're live at Day 2 of the fourth annual [Future of Home conference](#), where experts from entrepreneurs and business coaches to bestselling authors will take the stage, unpacking the forces of change sweeping and shaping the industry. Check back for top takeaways throughout the day.



Phillip Raub, Whitney Frances Falk and Dennis Scully Kevin Lau for Business of Home

SUSTAINABLE SUPPLY CHAINS WITH PHILLIP RAUB AND WHITNEY FRANCES FALK

There is hope on the horizon for the future of sustainable furniture manufacturing, according to **Phillip Raub** and **Whitney Frances Falk**, the leaders of two sustainable-first luxury home brands. They joined host **Dennis Scully** to discuss steps designers and manufacturers can take to be more accountable for their carbon footprint. Falk encouraged designers to ask suppliers not to ship furniture with foam (use cornstarch substitutes instead) and to inquire about materiality, which is often disclosed for products in the food and fashion industries. “Change in the industry is happening—it just needs more hands,” said Falk, referencing an interview with climate scientist **Katharine Hayhoe** featured in an episode of philosophical podcast *On Being*. Falk, whose company [ZZ Driggs is a Certified B Corporation](#), explained how organizations can use the B Impact Assessment as a road map for improving sustainable operations before actually submitting an application for approval.

Local manufacturing is going to make a major comeback, theorized Raub, the CEO of Model No., a company that delivers luxury furnishings made from plant resin and other green ingredients. “You’ve started to see it in the fashion industry—people are realizing the supply chain has been so screwed,” said Raub. “I don’t think it’s ‘Ra-ra-ra, built in America.’ I think it’s localized. Wherever you are doing business, you should be sourcing materials that are close to the end user. It’s globalization through localization.” The pair ended on a high note, reminding the audience that making a difference can start with small and tangible changes.

DESIGN DISPATCH

Google's giant housing project, sneakers made of citrus peels, and collectively moving on from the poop emoji.



**Member
Spotlight:
Model No.**

Design and craftsmanship at Model No. necessarily means making furniture that serves a function, evokes visceral experiences, and encourages a deeper connection to place. In an industry causing prolific and undue harm, design and craftsmanship also requires a more conscious approach that considers the impact of every detail of Model No.'s product, from materials and sources to finishes and packaging.

Surface Says: Model No. pieces offer a playful study of geometry and form with a serious commitment to upending the standard for furniture manufacturing.



What Will The Furniture Of The Future Be Made From?

As a naturally renewable material that is easy to forge, **wood** is a popular sustainable choice for making the chairs, tables, and cabinets that populate our homes, workplaces, and recreational spaces. However, a lot of the wooden furniture being manufactured and in circulation today is in fact **not biodegradable**. A lot of wooden furniture is coated in polyurethane – a liquid coating applied to minimize how the wood is impacted by solvents, water, and abrasion. Polyurethane, as a type of plastic, however, slows down the wood's ability to biodegrade.

The future of wooden furniture could instead see the wider adoption and championing of plant-based oils like tung oil or linseed for coating. Approaches of furniture companies like **Model No.** – based in Oakland in the U.S state of California – could become more commonplace in the far future. To finish their hardwood products, bio-resins are applied, which compost more easily over time and are thus more environmentally friendly.

Wood is also present in another approach that could be more commonplace in the future – biofacture, where biological organisms are used to manufacture new materials. A 2017 **project** by furniture **designer** Sebastian Cox and interdisciplinary **researcher** Ninela Ivanova saw a series of lamps and stools manufactured out of wood waste and a fungal plant. As the vegetative part of the fungi grows, it binds the wood waste around frames to form compostable furniture. It's a development that is also interesting in an aesthetic sense, but it remains unclear how it would be produced on a global scale.

FurnitureToday

What happens when local hardwoods, plant waste and 3D printing are combined? New furniture from Model No.



The Hourglass Console Table can be customized by choosing one of five premium hardwoods and six PLA colors for the hourglass base. For extra convenience, the Hourglass Console Table offers optional Qi charging technology to charge a phone, tablet, or laptop.

OAKLAND, Calif. – Model No., a company that makes 3D-printed custom furniture has launched a new collection of seating and tables for home and office spaces.

Fabricated and hand finished in the brand's Northern California studio, the products are made of locally salvaged hardwoods and plant waste resins in addition to 3-D printed components.

Created to compliment any office space, the **Hourglass Console**, which retails for \$1,695, is offered in several wood finishes including walnut, salvage elm, charcoal ash, ash and beech. Model No. then uses 3D printing to sculpt the hourglass base using plant-based resins in order to complete the piece.

The **Clover Cafe Table**, which retails for \$2,595, and **Cosmo Console**, which retails for \$1,895, both feature optional Qi charging technology that allows for charging a phone, tablet or laptop. The new products are also available in various wood finishes and multiple colorways.

Featuring slim, Mid-Century Modern lines, hand-finished edges and a generous seat profile, the **Ovia Arm Chair**, which retails for \$1,240, and the **Ovia Side Chair**, which retails for \$990, are made to be versatile, according to the company. The chairs are available in finishes that include walnut, salvage elm, charcoal ash and ash.

Model No. debuts new tables, seating

Model No., a maker of sustainable furniture and accessories, has unveiled a new group of tables and seating designed for both home and office spaces.

The company, based in Oakland, California, specializes in manufacturing with salvaged and sustainably harvested wood, as well as 3D printing using resins derived from agricultural and other plant waste. Some of the new pieces combine these techniques.

The introductions include a Clover cafe table and the Hourglass and Cosmo console tables. The tables are available in a variety of wood finishes and colorways. All three feature Qi charging technology to charge a phone, tablet or laptop.

Blending modern and traditional aesthetics, the Clover table features a simple hardwood tabletop over a 3D-printed base in a stylized clover design. It is available in one size (36" wide, 36" deep and 30" high) and retails for \$2,595.



The new tables, including the Cosmo console table, are available in a variety of wood finishes and colorways.

The Hourglass console table complements the Clover table, with its wood top and a 3D-printed base echoing the lines of the Clover's base. It retails for \$1,695. The Cosmo console table has a "stout and simple" silhouette and, like the Hourglass console, combines a solid hardwood tabletop with a 3D-printed resin base, the company says.

Also new are the Ovia side and armchairs. "Featuring slim midcentury modern lines, gentle hand-finished edges and a welcoming seat profile, (the chairs) are made for elegant versatility," the company says in a news release. The Ovia chairs can be used with a dining table or in an office meeting room. The side chair retails for \$990; the armchair for \$1,240.



New Ovia side and arm chairs can be used with dining or workplace tables.

Model No.'s line includes indoor and outdoor furniture, and home accessories. Last summer, it debuted a collection of 3D printed lighting. All products are made at its facility in Oakland.

3D-Printed Objects Are Taking Over the Home Interior Space

This past January, IKEA Germany introduced Flamträd, a new collection of on-demand, 3D-printed home goods. A deviation from the brand's traditional flat-packed furniture and home accessories, the series features intricate lattice designs of posed hands and heads that can be mounted on the wall or arranged on a desk. The collection marks the brand's continued experimentation with 3D printing, which started with the 2020 collection [Uppkoppla](#), a collaboration with the design company UNYQ on customizable gaming accessories.

Though it does feel novel, 3D printing in the furniture industry is not a new phenomenon. As [Financial Times](#) reported in 2013, the technology has been used by designers to create prototypes and concept models for over 30 years. What's different now is that, as the technology advances from a supplementary feature to a legitimate trade, companies are turning to 3D printers to manufacture finished products rather than mock-ups. And as 3D printing machines evolve, companies are able to make bigger objects.

"The industry is recognizing the full potential of 3D printing for actual production," Jeffrey McGrew, co-founder and CTO of [Model No.](#), a sustainable furniture brand, tells Hunker.

IKEA's forays into 3D printing hint at the changes trickling into the furniture industry, as mainstream retailers begin to consider the benefits of this emerging technology. And according to 3D printing market forecaster [SmarTech Analysis](#), the industry is here to stay. In 2021, the line of business grew by 18% year over year and is expected to reach \$50.8 billion in revenue by 2030. While the traditional furniture industry plays catch-up, other businesses have been exploring the possibilities of 3D printing and digital fabrication for years.

From chairs to lamps, sofas, and tables, companies like Model No., [Gantri](#), and [Wooj](#) offer functional home decor that stands out aesthetically while also being gentle on the planet. Not only does 3D printing allow for more creative freedom when it comes to the designs, it also boasts numerous eco-friendly benefits. As opposed to mass-manufactured items, Model No. and other 3D printing companies make products on demand, lessening the overall waste that is usually generated during the manufacturing process. Moreover, because less resources are spent on manufacturing and transporting goods, 3D printing helps lower brands' carbon footprints.

Most 3D-printed pieces are also made with a material known as PLA (polylactic acid or polylactide), a bioplastic derived from plants like corn starch or sugar cane. However, though most 3D printing companies describe PLA as compostable and recyclable, there is still more research to be done.



The Soli Outdoor Adirondack Chair and the Soli Outdoor Coffee Table by Model No.
Image Credit: Model No.

[See More Photos →](#)

"We're not shipping things around as much and also we're not over-producing as much," says McGrew.

Established in 2018, Model No. creates simple, made-to-order furniture and accessories at its micro-factory in Oakland, California. McGrew lists a slew of reasons for the brand's interest in 3D printing. Beyond the sustainability benefits, he says, the technology allows for an exciting degree of customizability, which gives designers and customers access to unique products they haven't seen before. Still, most of Model No.'s products – from chic credenzas to sleek ergonomic chairs – combine PLA with sustainable wood.

"When we were 3D printing whole chairs, people thought it was interesting, but they didn't respond to it as much," McGrew explains. "By mixing in other traditional materials like wood, even though it's all being done in the same kind of digital fabrication way, we actually get a lot more traction with people because they still want it to look like [traditional] furniture."

Other brands lean into the unique aesthetics offered by 3D printers. Wooj's Wavy Lamp, which resembles the undulating waves of the ocean, made [a splash on social media this past year](#), becoming a fixture on Instagram. And it's not the first time 3D-printed furniture has created a frenzy.

Greg Cerna, a software engineer turned 3D printing artist, launched his company [Printererror](#), in 2015. Two years earlier, Cerna bought his first 3D printer while studying electrical engineering and computer science in college. Figuring out the printer became a fun hobby. He describes the 3D printing community at that time as a "Wild West," and he was fascinated by the seemingly limitless possibilities of the technology. He began making numerous prints and would give them away to friends, who then encouraged him to sell his goods online.

After taking a break following the initial launch, Cerna resurrected Printerror as a full-time business in 2019. His designs explore "pattern and ornament," he says, and play with repetition. The [Polyface Planter](#) is the company's bestseller, a swirl of nine faces that call to mind a trippy Grecian statue. The planter became a sensation (clones are everywhere, including Amazon) and appeared in an [Etsy commercial](#) for gift ideas in 2020.

Cerna runs his company with Asher Ford in Austin, Texas. Ford is the mind behind [Object Lover](#), a [3D-printed design shop](#) and sister company to Printerror. In contrast to Cerna's interest in monochrome, Object Lover is "oriented around solid forms of color that intersect in interesting ways," Ford tells Hunker. Her bright designs include jellyfish-inspired side tables and fruity coasters, with color options like strawberry lemonade and plum purple.

Ford met Cerna in 2019, and the two have been working together ever since. "We have a philosophy that people really can learn almost anything. When I got here, I never built a shelf and did not understand how a screw worked, and now I can legitimately build a 3D printer," Ford says. The two designers are big fans of the [Prusa MK3](#) 3D printer. "We love the Prusa, and we want more people to have them and use them," Ford explains. "Greg found one years ago and smartly built around it. It's a lifesaver that enables us to do a lot of things we couldn't do otherwise."

When thinking about the future of 3D printing in the home decor space, most hope that the technology pushes both small and large companies to reimagine their approach to manufacturing, labor, and design.

McGrew shares that Model No. has its sights set on expanding into the commercial space. "We're working on a new line of office furniture," he says. "We're prototyping items like conference tables, work desks, power distributions, things that a mid- to large-size company might buy for their business." Since the pandemic, people want different work environments, McGrew notes, and 3D printing can help fill that desire.

Cerna, who recalls the early ethos of the 3D printing community as typified by the [RepRap project](#) – the first low-cost 3D printer that can actually print most of its own parts – hopes that a sense of openness and sharing is able to continue, because that is how the industry evolves for the better.

"This equity has always been in the 3D printing world for a long time," Cerna says, "and I think that as time goes on, keeping that alive – and not just alive, but thriving – is really important."

METROPOLIS

Announcing the Winners of the 2022 Metropolis Planet Positive Awards

Outdoor Furniture



Model No | Solis Outdoor Adirondack Chair | Furniture/Outdoor Honoree

The frame of the Solis Adirondack Chair features domestically-sourced FSC® certified hardwood and hand-crafted mortise and tenon joinery that is also hand-finished in Model No.'s Oakland studio. The sculptural seat is made of upcycled plant material turned into PLA pellets that are used to print the seat on large format 3D printers, so the entire chair is made of plant-based material. Every detail is domestically designed, sourced, produced, and shipped for clients only in the contiguous United States.



PROWL studio, the future of design is regenerative

Designers, entrepreneurs, visionaries. Interview with founders Baillie Mishler and Lauryn Menard on the need to change approach to truly preserve our planet

12/10/2022 - The necessary shift for preserving our future is to move from sustainability to regeneration. **Baillie Mishler** and **Lauryn Menard** – on this year's [ADA 2022 jury](#) for the sustainability mention – are firmly convinced that design can be the trigger of such change. They are the founders of PROWL Studio, an Oakland (California) based firm combining design and business consulting based on the promotion of **responsible practices** and **circular design**.

It is no news that a product's life cycle can strongly impact the environment, starting from design and moving through production to end-of-life disposal. Baillie Mishler and Lauryn Menard are active champions of circularity criteria (from materials to targeted production processes) deployed by designers to change how they think about and produce new objects. Additionally, with a targeted strategy, companies can now define – a priori – a long-term framework aimed at **reducing the environmental impacts** of their products throughout their life cycles.

"Is sustainability a perfect science? No, but we can continue to question everything to make progress..."

'Exposure Therapy', PROWL's debut collection, recently launched during the last Milan Design Week, is the manifesto of this new way of thinking about design. The furniture collection – whose every component is recyclable - is based on the destructive and regenerative cycle of the tragedy of the California wildfires transformed into a resource.

While we are waiting to discover the winners from among the over 800 products submitted for the Archiproducts Design Awards 2022, we spoke with the founders of PROWL about regenerative processes, design and sustainability.



Exposure Therapy, Milan Design Week 2022.

Interview with PROWL Studio

Let's start with the name of the firm: PROWL. What does it mean and how does it represent your approach to design?

If you look the word 'PROWL' up in the dictionary, you will find it defined as: "To move about or wander in or as if in search of something. To rove over or through in search of what may be found." Our services enable our clients to focus on and prioritize the larger systemic goals that matter most to them, plot the path of action they need to take to get there, and assist in the execution of these plans to realize their long-term vision of their future. In other words, we are always hunting, whether that be for new materials, for answers, or for experts to collaborate with. In what we do, there is always something to be discovered and uncovered.

How did you meet and when did you decide to found PROWL?

We met nearly a decade ago while working in the design studio at Coalesse. We instantly hit it off as friends and colleagues. After we left that studio and went off to do other things, we found ourselves talking about and dreaming about starting a woman-run and mission-driven studio. During the pandemic, as the industry and consumers started shifting their priorities to become more value-driven, we knew it was time.

What is PROWL's calling and mission?

Our main objective is to bridge the gap between industrial design and manufacturing and the regenerative future. We create new solutions - or challenge existing ones - for people and the planet by employing materials, processes, and technology responsibility. The outcomes of our research-forward, values-driven, optimism-saturated process empower our clients to shape tomorrow's life for the better. We are moved beyond measure to help restore this planet we inhabit through our gifts and the expertise we've gathered through our careers in the design industry.



Tell us a little about your personal experience. When and how did your passion for sustainability and environmental protection arise?

These were similar but different journeys for each of us:

Lauryn: I grew up in the Adirondack mountains. Living so close to nature and far from any city life engrained care for the planet in me as a priority from a young age. I went on to study at RPI where I dug deeper into this thinking in their school of Science, Technology, and Society. Ever since then, sustainability has remained a constant in every job, company, and endeavor I have taken part in. It's a way of thinking and working that, once you go that way, you can't look back.

Baillie: Like Lauryn, I also had a bucolic, nature-centered upbringing but in central Pennsylvania.

My childhood was a tangle of nature, the arts, and entrepreneurship overlaid with the drive to 'do good', which has had different definitions throughout my life. I found industrial design only when getting to college, and fell in love immediately with its problem solving ethos and the ability to reach many people with my talents and growing skills through this profession. I felt an undeniable pull to 'do something' - something helpful in big ways - which at the time felt in contrast to my developed passion for furniture and the built environment. This resulted in a dichotomy - a focus on the homeless community for my senior thesis and the launch of my near decade long career in contract furniture design, both important but still separate fixtures in my path to now.

Fast forward, the climate crisis is impossible to ignore, and that calling to do something beyond myself returned in full force when Lauryn and I got deeper in our working and professional relationship. We began imagining a future where we could marry our skills, expertise, and passions with a fight for a better reality for people and this hurting planet, a fight to protect the places we grew up, for everyone.



Baillie Mishler and Lauryn Menard, Founder @PROWL Studio.

A character, book, or encounter that has shaped your career path.

*Lauryn: I started going to the **Biofabricate conference** at its inception back in 2015. **Suzanne Lee** and all of the presenters at that event really changed my life. They are true pioneers that have paved a path for creatives who are navigating how they can participate in the incredible new innovations coming from the world of biology. I really believe that the Biofabricate group has triggered the next manufacturing revolution.*

*Baillie: It is hard to point to one singular instance that brought me to today - our journeys are a collection of moments both big and small after all. A few that come to mind: wonderful mentors including **Robert Arko** who helped me understand the commercial furniture industry throughout college, leading to my roles at Coalesse, Steelcase, and studio b; moving to California, where not only did my love for nature deepen, but I was exposed to new thought, technologies, ways of working, progressive policies and infrastructure, and the entrepreneurial spirit; and meeting Lauryn and eventually joining her on this incredible endeavor.*

Do you think there is a universal definition of sustainability? What requirements must a product have today to be considered truly sustainable?

Part of the issue right now is that there is no standard in the product world. Many many new sustainability certifications are popping up faster than companies can even keep up with; most of these certifications are privately-owned and hinder innovation more than they are helping.

When we are assessing existing products or objects that we are working on, we ask ourselves two simple questions: What materials were extracted from the Earth to create this product? What damage has this extraction cost the Earth? Does this product have a game plan for the end of its life? Can it be disassembled and returned to the Earth or back into the manufacturing cycle easily?

Based on these answers, we can paint a pretty holistic picture of the impact that a product has had or will have during its lifetime. Is this a perfect science? No, but we will continue to question everything in order to make progress.

More on sustainability. Is it a fad, an urgency, or a not-to-be-wasted opportunity?

The word 'sustainability' has become the descriptor for so many things that it has almost lost its meaning. Within the context of the environment, "sustainability" is the capacity to endure in a relatively ongoing way across various domains of life. This suggests two things: 1. that we are aspiring to simply meet our needs and 2. that how we currently meet our needs is something that we are looking to sustain.

We all know that if we tell everyone the party starts at 7:00, they will all show up closer to 8:00. Why would we expect anything different when it comes to changing our behavior as it pertains to the environment?

*As a studio, we are proposing an alternative aspirational descriptor that we are actively using within our work...'**Regenerative**'. Maybe if we shoot for a regenerative future, we will land somewhere beyond a sustainable one — a future that gives back to the Earth that supports us.*

What do you think the role of design is today?

Lauryn: To work on projects that are pushing the world in the right direction. There is just so much that we simply do not need more of. As natural problem-solvers, we have the opportunity to shape the future. We should be using this privilege to do good.

Baillie: The marriage of science and art has never been more important than it is right now. Design sits at that intersection. As Lauryn said, we are problem solvers, and we've been trained to navigate ambiguity, we translate complexity into digestible forms, and we are storytellers and communicators. Design is here to help in this journey through this entanglement we've created for ourselves.

Is there a project that you are particularly fond of? Tell us about it.

*Our studio works on a lot of exciting projects - right now about 70% client led and 30% internal investigations and research efforts - with outcomes manifesting in a variety of forms : products, interiors, environments, experiences, and strategies for industries like automotive to furniture to material development. Our client projects and helping them have impact that is right fit for their business is core for PROWL. Many of these are still hush-hush, so what we would love to highlight are some of our exhibitions of late or upcoming. In these instances we are collaborating with partners - technology, materials, thought leaders - to tell a story about what we want to see in this regenerative world and developing case studies to prove it is possible. For our "**Exposure Therapy**" collection shown at Alcova during **Milan Design Week**, we told a story about destruction but later about the re-growth of fires through patterns and textures on a circular lounge collection in collaboration with ByBorre. During **Art Basel Miami 2022**, in collaboration with Model No., we showed a dining setting that uses what would have been a waste during the production process to tell a story of waste-free creation. And finally, in the spring, we will challenge the expectations of the things we buy and how long they should reasonably last by presenting compostable furniture in tandem with M4 Factory at **Alcova 2023**.*



Despite the awareness of the climate disaster we are experiencing, people often continue to design as if the climate emergency did not exist. What issues should the design world focus on? And what points necessarily need to be reimaged to bridge the gap between industrial design? and regenerative futures?

Lauryn: As designers, we are experts in the built environment and the manipulation of materials. There is an opportunity here to focus our existing passion and knowledge on this subject to make a huge difference because – the climate disaster is largely due to our overindulgence in unhealthy material goods.

*As mentioned before, there are certain comforts that we just don't need more of. **We can survive without another PLA stacking chair** or single-use anything, really. Instead, we need to be 1. Finding interesting and innovative ways to redirect the waste materials we have already put into the world and created, extending their life cycle and diverting them from landfills and 2. Collaborating with the material science world to implement healthier alternatives to conventional, toxic materials. With these two strategies side by side, we can go far.*

Baillie: While 'human-centered' design is important to apply, it has gone too far in conveniencing only our species. We have been earth's beneficiaries to its own detriment. Our process is to reorient towards an 'earth-centered' process that considers our outputs holistically, for all things on this earth including people. Lauryn outlines two great tactile adoptions to apply to your practice.

What simple everyday actions can steer us toward a more sustainable future - not just in design?

*Lauryn: For this, we will lean on the experts. We recommend **The Future We Choose** by Christiana Figueres and Tom Rivett-Carnac. You can't go wrong.*

Baillie: Less is more, and asking yourself 'what will happen to this thing I am about to buy when I am 'done' with it?' when shopping.



















Furniture Retailers Moving Faster Toward Responsible Wood Sourcing

The National Wildlife Federation (NWF) and the Sustainable Furnishings Council (SFC) have released the [2022 Wood Furniture Scorecard](#), a joint initiative that assesses North American furniture retailers on their wood sourcing policies. The Scorecard, now in its fifth year, features retailers that are highly engaged in demonstrating a willingness to help protect forests and contribute to a more sustainable future.

This year, of the 127 companies assessed, 14 earned Top Scores, 26 earned High Scores, and one company earned Most Improved. A newcomer to the Wood Furniture Scorecard, [Urban Natural Home](#) topped the list with a score of 31 out of a possible 35 points. [Cisco Home](#) and [Model No. Furniture](#) tied for second place, with both companies scoring 30 points.

The High Scorers are led by [Loose Parts](#), followed by [Badcock Home Furniture & More](#) and [Chairish](#). The Most Improved retailer is [American Freight](#), a company that increased its 2021 score by 13 points.

The methodology of the Wood Furniture Scorecard focuses on information available in the public domain on corporate websites regarding wood sourcing policies, goals, and practices. In addition, the Scoring Committee reaches out individually to each scored retailer to ensure all relevant scoring information has been considered. Through this outreach, we offer recommendations and resources for developing and implementing robust wood-sourcing policies, including the elements necessary to ensure that the company addresses the problem of deforestation and forest degradation.

"A significant number of furniture retailers are showing how responsible harvest of wood can support healthy, thriving forests and sustainability. These examples show the critical role consumers and retailers alike can play in addressing the persistent problem of irresponsible logging, which continues to threaten woodlands worldwide," said [Barbara Bramble](#), vice president of international conservation and corporate strategies at the National Wildlife Federation. "The National Wildlife Federation promotes responsible sourcing of wood by the furnishings industry because it is the third largest user of wood after construction and paper. We are proud that so many companies recognize the value of responsible sourcing — to their consumers and to the natural world — and are building it into their businesses from the get-go."

SFC Executive Director Scarlette Tapp explains, "The impact of the Wood Furniture Scorecard can be felt industry-wide with this initiative becoming a standard for responsible wood sourcing. We've noticed that many companies want to be scored or seek ways to increase their scores to publicly showcase their substantive corporate changes."

The Wood Furniture Scorecard website provides consumers with sustainability information on their favorite retailers and offers guidance and tools for companies to improve and implement their wood sourcing policies. To learn more, visit: <https://furniturecorecard.nwf.org/>

2022 Wood Furniture Scorecard Reveals Promising Trends in Responsible Wood Sourcing

Consumers are speaking up and companies are listening

One of the greatest [threats to forests](#) is environmentally harmful and unsustainable logging practices – including illegal logging, which is an epidemic in some parts of the world. The furniture industry – the third biggest user of wood after construction and paper – loves wood, adds the highest value to this resource, and has a special responsibility to protect forests and, to avoid wood products from illegal or irresponsible sources.

Logging does not have to lead to deforestation or forest degradation; responsible forest management can preserve water quality, soil health, biological diversity, and overall ecosystem functions. When you buy from companies that source their wood responsibly, specifically in ways that positively impact forests, you hold companies accountable for the way that they source wood and ensure that you are not contributing to global deforestation.

More and more, consumers are speaking up and companies are listening. That is clear from the results of the 5th installment of the [Wood Furniture Scorecard](#), a joint initiative with the [Sustainable Furnishings Council](#). The [Scorecard](#) ranks leading North American retailers on their wood sourcing policies and practices and can help you determine which companies you should buy from in order to protect the world's forests and the species that call them home.

This year, of the 127 companies assessed, 14 earned Top Scores, 26 earned High Scores, and one company earned Most Improved. A newcomer to the Wood Furniture Scorecard, [Urban Natural Home](#) topped the list with a score of 31 out of a possible 35 points. [Cisco Home](#) and [Model No. Furniture](#) tied for second place, with both companies scoring 30 points.

The High Scorers are led by Loose Parts, followed by Badcock Home Furniture & More, and [Chairish](#). The Most Improved retailer is [American Freight](#), a company that increased its 2021 score by 13 points. Learn more about our methodology [HERE](#).

Why Sourcing Wood Responsibly Matters

We depend on forests as sources of timber used in furniture and many other products we use in our daily lives. But our reliance goes much deeper than this. Forests are vital for water, wildlife and plant species, climate and so much more.

Tree roots and leaves slow runoff to allow absorption of rainwater into the soil, where it nourishes plants, replenishes streams, and is stored as groundwater for future use. Evaporation from forests contributes to the formation of rain clouds, creating a more stable rain cycle, which is important for agriculture. This is key for the continued water security of nearby communities and cities.

Forests are crucial for the regulation of climate. Trees and shrubs absorb carbon dioxide and store it in their trunks, roots, leaves, and the soil itself. And when trees are cut or forests are cleared but they also release much of their stored carbon back into the atmosphere. Currently, deforestation accounts for about 12% of all man-made greenhouse gas emissions — a massive and avoidable contribution to rapidly accelerating climate change.

Forests also harbor much of the planet's biodiversity, and tropical rainforests are particularly rich, containing roughly half of the Earth's plant and animal species. Currently, about 13 million hectares of tropical forest are cut down each year — an area the size of England.

Sourcing Responsibly is Good Business

Sourcing wood responsibly is a great way to expand business and manage risk. It is the best way to avoid wood from illegal and other controversial sources. Under the U.S. [Lacey Act](#), companies can face criminal or civil penalties if they are caught trading in wood that has been illegally logged in the country of origin.

Additionally, [research shows](#) that consumers care about the environment and that they will pay a premium for products that align with their values. In fact, 97% of respondents in the aforementioned survey say they are interested or very interested in buying environmentally safe home furnishings. A key finding was that respondents state their willingness to pay up to 5-10% more for furnishings they consider eco-friendly.

Responsible wood sourcing thus offers furnishings businesses opportunities for growth and increased profits, story-telling, and brand enhancement.

So, How Do Companies Source Wood Responsibly? – What Gets Measured Gets Managed

First of all, what do we mean by responsible sources? The most obvious example is using wood that is recycled, reclaimed, or salvaged – wood that might otherwise go to waste. However, the supply of wood from such sources is limited. In the end, all wood comes from trees that must be harvested from forests or plantations, and these can be managed more or less responsibly.

One of the keys is having a Responsible Wood Sourcing Policy, which is much more than a statement of good intentions; it is a formal commitment to take action and a framework for guiding decisions and gauging progress. A robust policy defines the activities that must be undertaken to deliver on the company's objectives related to responsible sourcing, establishing what is and is not acceptable to personnel responsible for procurement. This is especially effective when combined with goal setting and public reporting of progress against those goals. As we all know, "What gets measured gets managed!"

Many of our top scorers take this approach to responsible wood sourcing in their policies and reporting.

Consumers are Calling the Shots

Perhaps the biggest takeaway from the Wood Furniture Scorecard and the progress we've seen companies make since its implementation in 2018 is that consumer demand genuinely impacts the decisions that companies make, even ones as big as American Freight, Cisco Home, and William Sonoma. When we use our voices and vote with our wallets by buying from companies who make responsible choices for forests we send a clear message that we want to be part of the solution and not part of the problem. Forests are critical to so many of earth's functions and support some of the world's most iconic and endangered species that need our protection.

Check out this year's [top scorers](#) to see if your favorite companies made the list and, if not, send them a message to let them know you want them to do better to support healthy sustainable practices.

5 Unexpected Interior Design Products That are Sustainable

From food waste to old electronics, materials are being recycled in innovative ways to create some beautiful interior design products. “The potential in materials that are currently not used efficiently due to restrictions, regulations, old habits, and systems, or lack of political incentives is enormous,” says Marius Myking, director of Snøhetta Product Design.

These are just some of our favorite recent sustainable products for you to consider for your next project.

4. The Amphora Series



The Amphora Pendant Series brings interest to everything from a small space with one pendant to large spaces as a family of pendants. Photo courtesy of Model No.

California furniture company [Model No.](#) has launched a 3D-printed lighting series crafted from food waste and wood dust. The Amphora Hive Pendant is part of a lighting collection of more than a dozen pieces inspired by ancient Mediterranean vases.

NOV 21 2022

SURFACE

DESIGN DISPATCH

The World Cup kicks off in Qatar, Stella McCartney's foray into furniture, and "ranch on a branch."

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Model No. Furniture: Endless Loop From Waste to Wanted

When: Nov. 29–Dec. 13

Where: Solana Spaces, Wynwood, Miami

What: During Art Basel, artist Mike Han, PROWL Studio, 3D motion designer Natalie Liu, and Model No. Furniture are joining forces on an installation that features work transforming salvaged wood waste into wanted objects using 3D manufacturing. A story of circularity meets technology and imagination, the collection harnesses the physical and digital to create coveted objects without environmental harm and sheds new light on the enduring question: Is there a better way?

For those traveling to Miami, *Surface* is co-hosting an intimate celebration of the installation on Wednesday, Nov. 30, from 5–8 PM. Interested parties can [RSVP](#).


SEE MORE



DESIGN

**Model No. Furniture:
Endless Loop From
Waste to Wanted**WHEN  **ADD TO CALENDAR**

November 29, 2022 - December 13, 2022

 Solana Spaces: 215 NW 24th Street, Miami, FL 33127<https://model-no.com/endlessloop>

During Art Basel, artist Mike Han, PROWL Studio, 3D motion designer Natalie Liu, and Model No. Furniture are joining forces on an installation that features work transforming salvaged wood waste into wanted objects using 3D manufacturing. A story of circularity meets technology and imagination, the collection harnesses the physical and digital to create coveted objects without environmental harm and sheds new light on the enduring question: Is there a better way?

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EVENTS

Join Surface at Miami Art Week 2022

From Web3 Salon Sessions co-hosted with Polygon at the W South Beach to cocktails firing a visionary sustainability exhibition by Model No., join Surface and the leading designers in our network for a packed Miami Art Week.

BY THE EDITORS
November 21, 2022



They say “go big or go home,” and for this year’s Miami Art Week, *Surface* is going bigger and better than ever with immersive art-meets-Web3 programming at the W South Beach. Those planning to be in town for the Art Basel and Design Miami/ VIP days can look forward to joining *Surface* for a series of thought-provoking salon-style conversations, a disco-fied lightwave bungalow, and opportunities to fête with our community of artists, designers, and creators.

Starting today, check out our [Bungalow at the W South Beach](#), produced in partnership with [Polygon](#), a decentralized scaling platform for developers and creators to build apps and digital collectibles—and get them onto Ethereum. The *Surface* x Polygon Bungalow will serve as an immersive hub for creative discovery with installations by [MokiBaby](#), [OffLimits](#), [Spatial Labs](#), [LNQ](#), [Recur](#), [Prism Collective](#), and [Worthless Studios](#), and a showcase of furniture and collectible design objects by [Kartell](#), [Djivan Schapira](#), [Bert Fernari](#), [Ara Thorose](#), [ABDB Designs](#), and more. See below for details of the three salon-style discussions we’re hosting around the power of Web3 in sustainability, fashion, and community, with innovators such as [Iddris Sandu](#), [Bonin Bough](#), [GRL](#), [Neil Hamamoto](#), [Tam Gryn](#), and more.

Outside of our activation at the [W South Beach](#), we’re sharing details below on events from our community of *Surface*-approved artists and designers, including a panel with homeware designer Tina Frey, a ceramics exhibition presented by [SCAD](#), and a multi-artist furniture launch by [Model No.](#)



5 – 8 p.m.

Surface x Model No: "From Waste to Wanted" Opening Celebration

Location: Solana Spaces Wynwood

Artist Mike Han, Prowl Studio, 3D motion designer Natalie Liu, and Model No. Furniture are joining forces on an installation that features work transforming salvaged wood waste into wanted objects using 3D manufacturing. A story of circularity meets technology and imagination, the collection harnesses the physical and digital to create coveted objects without environmental harm and sheds new light on the enduring question: Is there a better way?

Stop by for a night of art, conversation, and refreshments. Can't make the party? The exhibition will be on view at Solana Spaces from November 29 through December 13.

RSVP

INHABITAT

3D printed furniture designs by a collaboration of designers

Art is an ever-evolving means of evoking emotion and conversations. The collaboration on display at the Solana Embassy in the Wynwood District at 215 NW 24th St. in Miami from Nov. 29 through Dec. 13 is a perfect example of this point.



The mission-driven display is a collaboration between Model No. Furniture, Prowl Studio and Mike Han. They all share a mission of creating art and furniture that explores the possibilities of **natural materials**, 3D technology and a new mindset around furniture manufacturing that is less wasteful at every stage of the supply chain and manufacturing process.

"Endless Loop: From Waste to Wanted" is an installation that presents a "compelling vision and path to reduce the [furniture] industry's **environmental footprint** by employing local, circular and digital manufacturing practices to design and produce furnishings that are stylish and sustainable," according to a press release.

As a result, it takes form in three primary entries. In each case, the pieces are formed using natural, locally-sourced materials such as fallen trees, **plant materials** and upcycled plant waste from the nearby Bay.



The first is a fluted **table** and stool set designed by Prowl Studio. They are made from salvaged hardwood and collected sawdust that was mixed into PLA pellets before being 3D printed into form.

"As a studio, we use design to tell stories about the climate crisis we are facing and the ways we can shift our manufacturing practices towards positive change," said Lauryn Menard and Baillie Mishler of PROWL. "We saw Model No. as the perfect partner to implement this narrative material way of thinking. Because they were already working with Arborica, a local arborist, and working to create **recycled** 3D printing processes, we saw the opportunity to bring those two things together to tell a full, truly circular manufacturing story – from end to end. This is the foundation of all of our work and we are excited to share it with this group."



The second piece is designed by Mike Han. Called "Full Circle," the monolith represents the idea that all things have a purpose. Made with the digital aids of CNC carving and 3D printing, it was produced with **zero waste**.

"My creative practice is driven by the understanding that in order to create, you must destroy," said Artist Mike Han. "I believe there is a burden and responsibility in making things, so having the opportunity to collaborate with Model No. to create with **zero waste** has been inspiring. I'm humbled to exhibit alongside innovators like PROWL."



The third piece, from Model No., also relies on traditional craftsmanship coupled with **3D printing** technology to create geometric-shaped stands.



"When we no longer have use for something, we've become programmed to discard **material** possessions like furniture or clothing. Through our collaboration with PROWL and Mike Han, we're excited to show the industry that there is a growing trend to change the way that we design, manufacture, distribute and consume furniture and art," said Phillip Raub Model No. CEO.

+ Model No. Furniture, Prowl Studio and Mike Han

Images via Model No. Furniture, Prowl Studio and Mike Han



MODEL NO.

By [Lindsey Shock](#)

At this year's Art Week in Miami, [Model No.](#), design studio [PROWL](#), and artist [Mike Han](#) unveiled a conscious collaboration entitled *Endless Loop: From Waste to Wanted*, that demonstrates how thoughtful, sustainable materials can be used to create furniture without compromising the design. The collection includes a fluted table and stools that are made of salvaged hardwood and recaptured sawdust from Arborica that is then up-cycled into PLA pellets for the 3D printing process.



'From Wasted to Wanted'

Sustainable furniture producer Model No. has teamed up with Prowl design studio and artist Mike Han for an installation of one-of-a-kind furniture, lighting and art called "Endless Loop." On display in Miami, the collaboration showcases how the industry can use sustainable materials and production techniques.

Model No., Prowl and Mike Han team up for sustainable furniture, art

Sustainable furnishings company Model No., Prowl design studio and artist Mike Han have collaborated on an installation in Miami to highlight how the furniture industry can reduce its environmental footprint by employing local, circular and digital manufacturing practices to design and create furnishings that are both stylish and sustainable.

The collaboration, Endless Loop: From Waste to Wanted, features one-of-a-kind stools and tables designed by Prowl, standing sculptures and pendant lighting by Model No., and a monolith by Han. While standing alone, each piece shares a similar aesthetic that echoes the group's mission. The pieces, debuting as part of Art Basel, are on display at the Solana Embassy at 215 NW 24th St., in Miami's Wynwood District from Nov. 29-Dec. 13.



The table and stool were designed by Prowl and manufactured by Model No, using components like fallen trees, sawdust and upcycled plant waste.

"As a studio, we use design to tell stories about the climate crisis we are facing and the ways we can shift our manufacturing practices toward positive change," say Lauryn Menard and Baillie Mishler of Oakland, California-based Prowl. "We saw Model No. as the perfect partner to implement this narrative material way of thinking. Because they were already working with Arborica, a local arborist, and working to create recycled 3D printing processes, we saw the opportunity to bring those two things together to tell a full, truly circular manufacturing story – from end to end."

Model No. custom produced each piece using fallen trees, sawdust and upcycled plant waste, all sourced just a short distance from the Model No. production facility in California's Bay Area.

"Almost everything we use to make our furnishings is either available in our backyard, like the salvaged hardwoods we've been using, or we can get it domestically by tapping things like agricultural byproduct," says Jeffrey McGrew, co-founder and chief technology officer of Oakland-based Model No. "Not only can our 3D printing and digital manufacturing turn it into useful objects, but it's also customizable and scalable, so we can kind of have it all if we approach it the right way."



Artist Mike Han's work is inspired by Korean calligraphy, graffiti and modern design.

"My creative practice is driven by the understanding that in order to create, you must destroy. I believe there is a burden and responsibility in making things, so having the opportunity to collaborate with Model No. to create with zero waste has been inspiring. I'm humbled to exhibit alongside innovators like Prowl," added Han, a Detroit-based artist who is inspired by Korean calligraphy, graffiti and modern design.

The collaborative also traverses from physical form into digital art, presenting an animated NFT collectible in partnership with Solana, a carbon neutral blockchain.



Model No. designed and created standing sculptures for the Endless Loop collaboration.

"Through our collaboration with Prowl and Mike Han, we're excited to show the industry that there is a growing trend to change the way that we design, manufacture, distribute and consume furniture and art," says Phillip Raub, chief executive officer of Model No. "As we scale our business, we're looking to start a movement to bring along other industry leaders in the residential, hospitality and workplace space."

Collection pricing is available upon request. Email info@model-no.com.

Art Basel Visitors Can Purchase Zero-Waste 3D Printed Furnishings



Art fairs are getting creative and launching new experiences for visitors. For example, during the 20th edition of [Art Basel Miami Beach](#) – the centerpiece of the city’s widely acclaimed [Art Week Miami Beach](#) – a zero-waste, 3D printed installation of unique furnishing designs made its debut at the [Solana Embassy](#) in the Wynwood District. The limited collection exhibition entitled *Endless Loop: From Waste to Wanted* will run through December 13, 2022, and each piece in the installation can be purchased as a one-of-a-kind collectible item.



The table and tool 3D printed as installation for Art Basel Miami. Image courtesy of Model No.

Born out of a need to point out the environmental harm caused by neglectful manufacturing practices in the **furnishings business**, the creative exhibition is a multi-artist furniture collaboration between Oakland-based sustainable furniture design and manufacturing company **Model No.**, female-founded design studio **Prowl** and Korean-inspired artist **Mike Han**.

Bonded by their joint mission, the installation features one-of-a-kind stools and tables designed by Prowl, standing sculptures and pendant lighting by Model No., and a monolith by Han.



Monolith sculpture by Mike Han. Image courtesy of Model No./Allie Salianni.

Showcased against a contrasting white backdrop is a fluted table and stool set created by Prowl designers Lauryn Menard and Baillie Mishler. The pieces were made from salvaged hardwood and collected sawdust up-cycled into PLA pellets for 3D printing.

Utilizing CNC carving and 3D printing with ash, Han created a zero-waste sculptural object. Typically working with painted linework, the collaboration challenged Han to try different mediums and technologies, which are entirely new to him as art.

The third piece of geometrically shaped standing sculptures combined traditional milling and craftsmanship with 3D printing technology to make something functional and desirable from something left as waste. Award-winning Model No. Principal designer Mike Vance also turned to ash hardwood and bioresins upcycled from sawdust fuse to balance a modern aesthetic and a sense of playfulness without compromising functionality in his piece.



Geometrically shaped standing sculptures by Model No. Image courtesy of Model No./Allie Saliari.

While standing alone, each piece shares a similar circular aesthetic that echoes the group's mission of circular manufacturing. This is achieved through technology, art design, and manufacturing.

Harnessing a circular economy

Through its compelling vision, the products present a path to reduce the industry's environmental footprint by employing local, circular and digital manufacturing practices to design and produce stylish and sustainable furnishings.

Amid growing interest in sustainably sourced materials and zero waste manufacturing processes, the team engaged local lumber mill [Arborica](#) to custom produce each piece exclusively using fallen trees, sawdust, and upcycled plant waste which was sourced just a short distance from the Model No. microfactory in California's Bay Area.

Commenting on its unique materials sourcing, Model No. 's co-founder and Chief Technology Officer (CTO) Jeffrey McGrew told [3DPrint.com](#) that for this project, Model No. partnered with Arborica to tap into its specialized enterprise in locally salvaged and urban harvested wood and decided to source a rescued Ash tree for the project.

“We used the tree in all of the pieces, even the signage at our installation in Miami. We recaptured the sawdust and turned it into a proprietary bioresin that we then used to 3D print other aspects of the pieces. For example, in Mike Han's Monolith, we used the sawdust from cutting out the shapes on one side of the monolith to then use that same wood dust to form the bioresin to print the shapes on the opposite side. So nothing was wasted,” highlighted McGrew.

Not only were the materials readily available to the designers – proving that the shift to a circular economy doesn't have to be very difficult – but the choice of 3D printing technologies to create customizable objects was ideal.

Taking advantage of Model No. 's Oakland microfactory, the group made every item in-house with **pellet-extrusion-based FDM printers** and bioresins from various partners, including **Titan Robotics** and **Massive Dimension**. Additionally, the team took advantage of its in-house five-axis CNC subtractive capabilities, described McGrew.

In particular, the team saw an opportunity in a clean process like 3D printing. Not only was additive technology ideal for these customizable pieces, but it sped up time from early prototypes to final pieces. McGrew explained that while the conversations around the design of the pieces were ongoing and extensive, everything in the *Endless Loop* series was physically made in about three and a half weeks.

“Working via digital fabrication greatly accelerates the prototype-to-final product process, and our digital-heavy workflow lets us fully develop many designs without physical prototypes even being needed,” suggests the architect who’s had plenty of experience adapting 3D printing techniques to furniture design and production.

For example, the *Endless Loop* monolith entitled “Full Circle,” designed by Han was printed in just a few days using two machines run by a single person (who was also running other prints on other devices). With additive fabrication, printers can run full-time on their own, and there’s no setup downtime to change to make the next part so that every piece can be unique without the added cost. This empowered McGrew and his team to produce custom elements like this efficiently with much less labor.

From waste to 3D printed furniture art

Aside from the highly beneficial **circular economy** factor, the furnishings will be the only items of their kind, so the rarity of these pieces is undoubtedly convincing to quite an entire target audience. Additionally, McGrew indicated that these are “signature pieces from rising star artists and designers,” making it an opportunity to collect one of their early works.

“The intricate engineering on their inside and the additive technology used to make them betray their simplicity on the outside. It’s hard to avoid the overall story of these pieces, but you get all of this with each piece,” he went on.

With innovation at the forefront, the collaborative also traverses the physical form into digital art by presenting an animated NFT (non-fungible token) collectible in partnership with **Solana**, a carbon-neutral blockchain. According to McGrew, the endless loop story had so much potential to tell a powerful visual story about transforming waste into something beautiful that we can covet that the team thought visitors would enjoy seeing the pieces as coveted NFT items. For this aspect of the project, they teamed up with UK 3D motion artist **Natalie Liu**, who was inspired by the collaboration’s mission.

Although the designers didn’t plan to make and sell additional prints of these items, they do create custom work for clients in residential, corporate, and hospitality who want to custom design solutions that are responsibly made and healthy for the planet. In addition, through bespoke projects, the team can bring all of this nuance to other works, especially now that McGrew anticipates the designers will again team up for different undertakings.

In the meantime, visitors can stop by Sonala Embassy at 215 NW 24th St in Miami, Florida, from November 29 through December 13, 2022, or contact Model No. directly for any purchasing options.

3DPrint.com and SmarTech Analysis are hosting Additive Manufacturing Strategies in New York City, February 7-9, 2023. Register for the event here to learn from and network with the most exciting companies and individuals in AM.



A Collaboration That Presents Endless Loop: From Waste to Wanted



[VIEW SLIDESHOW](#)

Artist Mike Han, sustainable furniture design and manufacturing company Model No., and PROWL design studio joined together to bring to life Endless Loop: Waste to Wanted in Miami during this year's Art Basel. With a shared vision and a plan to reduce environmental harm caused by manufacturing practices in the furniture business, the installation shared local, circular, and digital practices to reduce the industry's footprint.

"As a studio, we use design to tell stories about the climate crisis we are facing and the ways we can shift our manufacturing practices towards positive change," said Lauryn Menard and Baillie Mishler of PROWL. "We saw Model No. as the perfect partner to implement this narrative material way of thinking.



Photo: Ryan Troy



Photo: Ryan Troy

Jeffrey McGrew, Model No.'s co-founder and CTO, shared that "Almost everything we use to make our furnishings is either available in our backyard, like the salvaged hardwoods we've been using, or we can get it domestically by tapping things like agricultural bi-product. Not only can our 3D printing and digital manufacturing turn it into useful objects, but it's also customizable and scalable."



The installation featured one-of-a-kind stools and tables by PROWL, standing sculptures and pendant lights by Model No., and a monolith by Mike Han. Model No. custom produced each piece using fallen trees, sawdust, and upcycled plant waste – all of which were sourced near its microfactory in the Bay Area. Through the use of local materials, clean tech, domestic manufacturing, and made-to-order products, the results are beautiful and sustainable. The collaborative also has a stance against producing and shipping overseas to further reduce the industry's harmful footprint, a harmful model that's accepted by most of today's leading furniture brands.



"My creative practice is driven by the understanding that in order to create, you must destroy. I believe there is a burden and responsibility in making things, so having the opportunity to collaborate with Model No. to create with zero waste has been inspiring," said Mike Han.

You can also find an animated NFT collectible from the trio in partnership with [Solana](#), a carbon neutral blockchain. Together, the partnership not only puts the collaboration on the map, but positions the group at the forefront of art, design, and technology.







Photo: Ryan Troy



Photo: Ryan Troy















Mike Han



Model No.



PROWL

To learn more about *Endless Loop: From Waste to Wanted*, visit model-no.com.

THE TEARSHEET

BUSINESS OF HOME

It was a wild week in Miami. Along with imaginative showcases from innovators including Aqua Creations, Objective Gallery and Model No., Harlem rapper *ASAP Rocky unveiled the Shroom Cactus*—created in collaboration with Italian design studio Gufram—the inaugural launch from his new design brand Hommemade. There's a lot to mull over in the coming weeks, and even more to look forward to next month in Paris.

One Miami Art and Design Week debut that made my heart skip a beat? *Kelly Wearster's Nudo collection with Arca*. The A-list designer teamed up with the high-end natural stone manufacturer to create 22 solid marble pieces, ranging from a sinuous side table to a knotted ottoman and a tubular console. The end result is equal parts brutalist and ultramodern—teeming with earthy hues, rounded forms and organic texture.

Plus, don't miss my chat with Mark de la Vega about his *dexterous furniture designs* or Brian Brown's super chill, *SoCal-inspired flat lay*.

Enjoy!

Caroline Biggs
Market Editor

BUSINESS OF HOME

New collabs from Kelly Wearstler and Arca, Sheila Bridges for The Shade Store and more

Product Preview is a weekly series spotlighting the latest and greatest debuts in the marketplace. Check back every Friday for what's new and notable.

The holiday season is in full swing, and there's an abundance of dashing debuts to help you deck the halls this season. From cactus-based textiles to solid marble lounge chairs, here are 10 standouts from the latest round of launches.



Left: Endless Loop table and stool by Prowl Studio for Model No. Courtesy of Model No. | Right: The brand's Endless Loop standing art by Mike Han Courtesy of Model No.

Oakland, California—brand Model No. presented **Endless Loop**—its collaboration with Prowl Studio and Mike Han—at Design Miami. The series boasts a quartet of 3D-printed furniture designs made using fallen trees, sawdust and upcycled plant waste, including a fluted table with coordinating stools and a monolithic art piece composed of locally salvaged ash wood.



PROWL Joins Model No. On the Endless Loop: Waste to Wanted

Artist Mike Ham works together with PROWL design studio and sustainable furniture design and manufacturing brand Model No. on the new Endless Loop: Waste to Wanted in Miami. It is unveiled during this year's Art Basel highlighting their shared vision of reducing environmental harm affected by manufacturing methods.

Lauryn Menard and Baillie Mishler from PROWL talk about the project, stating that "As a studio, we use design to tell stories about the climate crisis we are facing and the ways we can shift our manufacturing practices towards positive change [...]" "As a studio, we use design to tell stories about the climate crisis we are facing and the ways we can shift our manufacturing practices towards positive change."

Image Credit: PROWL, Ryan Troy





SURFACE DESIGN DISPATCH

RH's next big move, Marimekko returns to New York, and Wordle dominates Google.

EVENT RECAP





In Miami, *Surface* and Model No. Toast the Power of 3D Printing



On Nov. 29, *Surface* and sustainable furniture company Model No. hosted a reception for “Endless Loop: From Waste to Wanted,” a group exhibition featuring Prowl Studio, artist Michael Han, 3D motion designer Natalie Liu, and Model No.’s design director Mike Vance. Organized around the central theme of circular design, the show features work transforming salvaged wood waste into covetable objects using 3D manufacturing. Throughout the evening, guests perused the works at the newly opened Solana Spaces in Wynwood over charcuterie plates and drinks from Liquid Death, Tepozan Tequila, and Body Vodka.

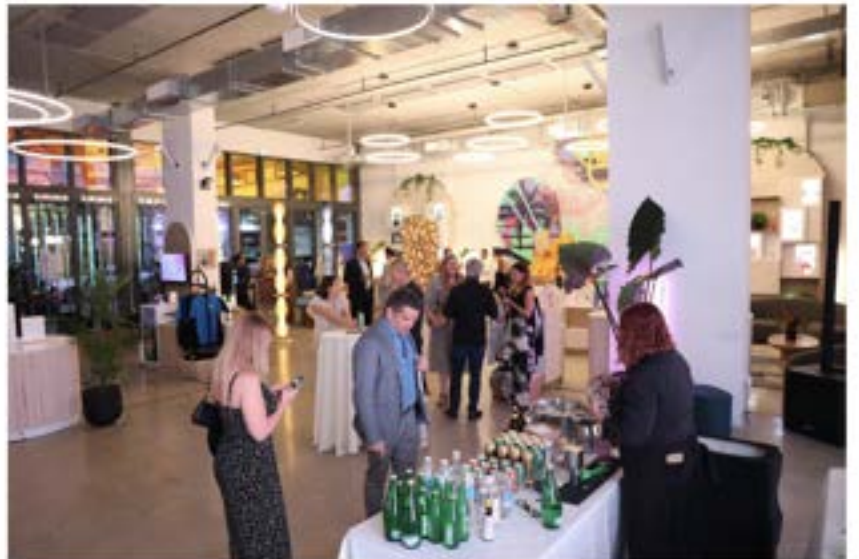
SEE THE HIGHLIGHTS

SURFACE

EVENT RECAP

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As always, the goal of our gift guide is to encourage a more conscious approach to gift-giving by highlighting products, services and experiences that create value and benefits beyond short-term gratification for the recipient. Here's this year's list of some of the many companies, platforms and products that we'd be happy to support anytime.

It's that time of year again! The season of giving, gratitude, celebration and general merriment (and, depending on where you are in the world, hopefully at least a smidge closer to 'normal' than our past two holiday seasons).

As always, the goal of our annual gift guide is to encourage a more conscious approach to gift-giving by highlighting products, services and experiences that create value and benefits beyond short-term gratification for the recipient — and, in the best cases, reduce waste and create other positive impacts for producers, communities and/or the environment.

So, here's this year's list of some of the many companies, platforms and products aligned with a more intentional approach to production and consumption, that we'd be happy to support anytime.

Updating your space



Image credit: [Model No](#)

For those looking to give their office or living space a circular/sustainable refresh ...

- **Oakland-based [Model No](#)** 3D-prints stunning furniture, lighting and accessories from sustainable and waste materials. For its latest, circular collection, it has collaborated with emerging designers from [PROWL Studio](#), fine artist [Mike Han](#), and motion designer [Natalie Liu](#) on one-of-a-kind objects made from a salvaged ash tree and sawdust recaptured during milling and fabrication.

ArchiECHO

These 3D-Printed Wooden Tables and Chairs Aim to Disrupt the Cycle of Furniture Waste



During this year's Art Basel Miami Beach, an inventive group of designers and artists debuted a collection of objects meant to show how the design industry can reduce its environmental footprint.

Furniture waste [can seem](#) like an insurmountable problem; Americans produce [an estimated](#) 12 million tons of it annually, with 80 percent going to landfills and the largest material category being wood. A recent exhibition from sustainable furniture design and manufacturing company [Model No.](#), [PROWL](#) design studio, fine artist [Mike Han](#), and motion designer [Natalie Liu](#) put forth a shared goal to reduce the furniture industry's environmental footprint—and a plan to reimagine the afterlife of wood products.

Entitled [Endless Loop: From Waste to Wanted](#), the collaboration, which debuted at the Solana Spaces in Miami's Wynwood district during this year's Art Basel and [Design Miami](#), featured one-of-a-kind PROWL stools and tables, standing sculptures and pendant lighting by Model No., a towering monolith by Han, and an NFT collectible artwork by Liu, all made entirely from plant-based, ethically sourced materials such as FSC-certified salvaged hardwoods. Astonishingly, every piece was 3D-printed too.

For the innovative manufacturing process, Model No. created its own large-scale 3D printers that transform salvaged wood waste into a paste-like material used to fabricate each functional object. To make the paste-like material, biodegradable polyesters or plant-based resins are blended with fine wood dust, then compounded into tiny pellets and fed into the 3D printer. "When those pellets are heated up and ground together inside the 3D printer's extruder, they form into that 'paste-like' material that—once extruded under the right conditions—cools, solidifies, and bonds with the prior printed layers into a solid, durable object," says Model No. cofounder and chief technology officer Jeffrey McGrew, who designed and built the company's original industrial-scale 3D printers with mechanical design engineer Kevin Zumani.

Lauryn Menard and Baillie Mishler, founding designers of PROWL Studio, designed a salvaged hardwood table with a 3D-printed base and stools for the Endless Loop collaboration.

Courtesy of Model No.

Model No. custom produced each work for the collection using fallen ash wood, sawdust, and upcycled plant waste sourced near its micro-factory by Bay Area wood supplier [Arborica](#). (Ash trees are commonly mulched or burnt when felled, so the pieces would typically go to waste.) "Ash was also chosen for its lovely appearance, strength, workability, commonality as a 'salvaged' tree, and the speed of its drying time," says McGrew. What resulted was a collection of modern furniture and decor that's on par aesthetically with much of what you'd find at CB2 or Ikea, but was manufactured to have a much less harmful impact on the environment.

Take the salvaged hardwood table with a 3D-printed base and stools designed by PROWL cofounders Lauryn Menard and Baillie Mishler, all with smooth, rounded forms. "At first glance, the soft shapes of the table and stools reference trunk-like pillars," says Mishler. "But, once you're up close and engaging with the pieces, you'll notice fluted details inspired by the rosey bark found on ash trees in their natural state that show off the nuanced and intricate capabilities of the machinery used to produce the set."

Fine artist Mike Han worked with Model No.'s digital designers to create the Endless Loop Monolith using 3D printing techniques and salvaged ash wood.

Courtesy of Model No.

Han's contribution also features decorative grooves; the team digitally cut the artist's brushstrokes into the face of the ash monolith. On the opposite side, the 3D printer added a convex mirror image of the brushstrokes using sawdust recaptured during the milling and digital cutting steps. "My line work is pushed and pulled through a two-dimensional plane using a subtractive and additive process," Han says, referencing the tactful use and redistribution of material the monolith exemplifies.

Compared to traditional methods of wood furniture production, Model No. says their 3D-printed furniture emits 80 percent less greenhouse gasses. What's more: The new wood furniture is biodegradable and can be composted or reused to 3D print future products.

In addition to reducing the furniture industry's carbon footprint and making the most of readily available materials without transporting them thousands of miles, Model No. chief executive officer Philip Raub thinks 3D-printing techniques can also address the furniture industry's long wait times: "On average, our lead times are half of what we are seeing in the market today," he says. "It's not a matter of whether it [3D printing] can be done, rather when others are going to start transitioning to better practices."

"It's far more compostable than anything in the industry today," Menard adds. "If the industry got behind this, we'd have a much healthier world in furniture."

Top photo courtesy of Model No.

dwell

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dwell



Design News

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Forward Thinkers

THE FURNISHINGS INDUSTRY IS RIFE FOR A RETHINK. HERE, THREE COMPANIES ARE FINDING INNOVATIVE WAYS TO PUT SOCIAL RESPONSIBILITY AT THE FORE.

WRITTEN BY MAILE PINGEL

LA SUCCULENTE

Magali Avezou and François Marugin, founders of French creative studio La Succulente, describe themselves as "curators and engineers," Avezou says. The duo champions work by emerging artists "researching durability, diversity and migration, and translating it into aesthetic, tangible forms," she continues. A recent collaboration with artist Côme Di Meglio explored mycelium, the root-like structure of fungi, which was used as an architectural material to build a domed pavilion at Milan Design Week last year. "A physical experience that calls on our senses may have a higher impact on our psyche and understanding of a topic," Avezou notes. la-succulente.com

MODEL NO.

"It's time to make pieces that create radical change," says Phillip Raub, CEO of furniture manufacturer Model No. Following the farm-to-table concept, the Oakland-based company focuses on domestic, hyper local sourcing and production. "Our approach is intentional, of a compostable nature," Raub explains, noting their use of reclaimed woods from a supplier outside the city and 3D-printed designs featuring a plant resin made from agricultural waste. Model No.'s product line is wide ranging, in addition to custom projects with architects and designers looking for an alternative to traditional methodology. "Our model is set up to move quickly—we don't keep stock; we're made to order which also minimizes our carbon footprint." model-no.com



WESTERN SENSIBILITY

Third-generation textile maker Kathryn Sanders is revolutionizing digital printing from her Missoula, Montana, studio. "Whatever idea you have about digital printing will vanish when you hold our textiles," she says. Sanders has reimagined performance fabrics—utilizing water-based, non-toxic inks and techniques requiring less electricity. "If used correctly, digital textile printing can be as powerful a tool as the loom," adds Chief Creative Officer Leana Becker, who is overseeing a new bespoke program for interior designers. The studio works with artists (especially those from underrepresented communities) and established brands like Philomela to bring unique designs to life. "We have unlimited colors and the ability to change scale at the touch of a button, plus digital printing is the most sustainable way to print textiles today," Sanders explains. westernsensitivity.com

LA SUCCULENTE PHOTO: MAPSOTE/LOMBARDI; MODEL NO. PHOTO: COURTESY COMPANY; WESTERN SENSIBILITY PHOTO: BO CHARTAL.

ARCHITECTURE + DESIGN

3 Socially Responsible Furnishings Brands To Have On Your Radar



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Texas Architect

by Rita Catinella Orrell

Each one of these new luminaires pushes a boundary in terms of form, function, or fabrication.



Promontory
Refractory
refractory.studio

Founded by designers Angie West and Alberto Vélez during the pandemic, Refractory's inaugural collection includes consoles, dining tables, occasional tables, benches, and lighting rendered from cast bronze, cast glass, solid black walnut, white oak, and cast resin. The collection's muted, deep palette of patinas evokes natural phenomena and earthen pigments. Included in the line is the 68-in-high Promontory Standing Lamp, a biomorphic light in which two asymmetrical halves of sculptural cast bronze lean into one another.



Rocchetto Tree
Quick Lighting
qu-lighting.com

Rocchetto Tree is a weatherproof, modular LED lighting system that attaches to tree branches or trunks via a belt made of fabric. The fixture's cylindrical head is 360-degree adjustable along the vertical axis and 90-degree adjustable along the horizontal axis. The oxidized and painted aluminum fixture is equipped with a ring nut treated with resin to protect the LED engine from water, even if the product is directed upwards or directly exposed to weather conditions. It comes in three sizes and seven finishes.



Starfall Light
Moooi
moooi.com

Anna Lindgren and Sofia Lagerkvist, members of the Swedish design studio Front, were inspired to design the Starfall Light after collaborating with the European Space Agency on a gigantic installation simulating the 800 closest stars from earth for the Science Museum in London. The "upside-down," black, circular suspension light features 30 slim arms that bend from different lengths. The arms are punctuated with 30 LEDs that end in decorative optic lenses that give the feeling of sleeping or dining under a starry night sky.



Eos Collection
Model No.
model-no.com/lighting

Model No. has launched a 3D-printed lighting collection crafted from non-toxic, domestically sourced materials including sustainable hardwood and PLA bioresins from food waste and wood dust. Every Model No. piece is made to order in the company's Oakland, California, microfactory, which helps eliminate long wait times and wasteful inventory. The collection includes table lamps, pendants, and a floor lamp that can work individually or as part of a group. The luminaires have a natural translucency and opacity that spreads a soft, even light.



Acoustic Stratta
LightArt
lightart.com

Using high-efficiency LED lights, Acoustic Stratta is LightArt's slimmest acoustic lighting fixture to date. Imagined for high-traffic commercial spaces, the fixture can be specified individually or in a row through minimal, linkable components. The LED platform includes warm dimming and tunable white and RGBW options in uplight and downlight capabilities to create different moods. The collection offers a premium aluminum structure and sound absorption up to two times more absorbent than previous iterations. It is available in 22 felt colors with optional ash or oak wood caps.



Grain Family
Ravenhill Studio
ravenhillstudio.com

When Ravenhill Studio learned that a trace of wood grain from a tool used in metal spinning could occasionally be seen in their products' finished parts, they made that the focal point of their Grain Family of pendants and wall-mounted light fixtures. They work with a patternmaker to create custom molds from maple boards, which are then sandblasted to raise the wood grain. Through the metal spinning process, the grain of the mold is impressed on the finished metal shade. The fixtures come in a range of sizes and finishes and are illuminated by 5W LED frosted bulbs.



Products: Lighting



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