

# H e m p l a

SofiaHagen x Studio Marmi x The Sound Nutritionist bring together the latest in innovative 3D printing technologies and traditional craftsmanship to create a timeless design dedicated to mindfulness.

HEMPLA is an ergonomic furniture set that creates a sanctuary to relax and meditate in a variety of configurations. HEMPLA launched at The Kinn in Venice Beach, Los Angeles, at Material Matters during London Design Festival, Beyond Perception in New York City, at HEMPLA SANCTUARY during Milan Design Week, at the Gray Area in San Francisco, Roca Gallery London and at Unique Design Mexico City.



Sustainability is at the forefront of HEMPLA and hemp fibre is the unifying thread that binds together Sofia Hagen and Studio Marmi's collaborative vision. HEMPLA consists of a handmade hemp and wool rug, and a selection of seats: **HEMPLA I in 3D printed wood and sugar** - and **HEMPLA II in 3D printed sugar** and integrated lighting by Studio Waldemeyer, programmed in line with the user's circadian rhythm. HEMPLA seamlessly blends digital and traditional artistry while symbolizing interconnectedness with nature and is structured around the Zen garden principles: simplicity, harmony, tranquility.

Each HEMPLA comes with the **HEMPLAWAVE** - a bespoke meditation soundscape composed by The Sound Nutritionist, based on the geometries, dimensions and material frequencies of the design, to complete an all-over holistic mindfulness experience with healing frequencies balancing the nervous system. Hemplawave weaves together theta waves to guide you into a meditative flow, the Schumann resonance—the Earth's own heartbeat—and the natural frequencies of wool and hemp. You don't just sit on the design, you hear it. The sound paints the experience, amplifying presence and connection.

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Following a 2year R&D process, each material has been carefully selected for its durability and minimal environmental footprint, reflecting our dedication to mindful design. Hemp fibre was chosen because of its low impact on the environment. Hemp, a rapidly renewable resource, serves as the foundation for HEMPLA, boasting exceptional CO2-to-biomass conversion rates. Its resilience against ultraviolet light and mold ensures longevity, aligning with the ethos of durability. Incorporating sugarcane fibre into furniture design helps minimize waste by repurposing agricultural by-products. This aligns with circular economy principles, where resources are kept in use for as long as possible, maximizing their value and minimizing waste generation. To produce the meditation bench, organic hemp has been turned into 3D printing pellets bound with bio-PLA from fermented sugar cane. 3D printing is one of the most energy efficient fabrication methods, creating zero waste as no formwork or additional structures are needed. The rug is handwoven with un-dyed recycled hemp fibers and natural Turkish wool by artisans in Usak, Turkiye. By prioritizing zero-waste principles, HEMPLA acknowledges the importance of minimizing environmental impact.

HEMPLA embodies inclusive design principles through its usage of sustainable materials, durability, accessibility, ergonomic design, and its aesthetic considerations. This holistic design philosophy not only benefits the environment but also enhances the user experience. The Hempla seat is designed to support the natural curvature of the spine, helping users maintain proper posture without strain. The seat design has been refined through multiple iterations and has been tested to gather feedback from people with a wide range of body types for creating a seat wide and deep enough to comfortably support users regardless of height.

HEMPLA aesthetics is inspired by zen shapes and focuses on simplicity, balance and mindfulness. Its minimalistic and neutral design, along with its usage of natural materials strives to evoke a sense of calm and tranquility, reducing cognitive load while promoting emotional well-being.

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## HEMPLA SPECIFICATIONS

### Dimensions & Weight:

Seat: 65cm x 30cm x 30/35cm; 25.6" x 11.8" x 11.8/13"; 22lbs

Rug: 90cm x 90cm; 31.5" x 31.5"; 2.2lbs

### Materials:

HEMPLA I: 3D printed hemp seat & handwoven hemp and wool rug

HEMPLA II: 3D printed sugar/ sugar&wool seat & handwoven hemp and wool rug

\*Note: HEMPLA II possible with integrated lighting

Retail Price (Trade and Bulk discounts applied upon request):

### HEMPLA Wood & Sugar:

Set (Seat & Rug & Sound): GBP £2100

### HEMPLA Sugar

Set (Seat & Rug & Sound): GBP £2100

Set + LED Lighting: GBP £2400

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