

DeepStream Designs

Design Without Limits



Sustainable Design Planters

Sustainable Design sets our products apart

DeepStream Designs' mission is to provide alternative products with a timeless design that are engineered and constructed so that they will endure for generations, reducing the impact on the earth's resources, and providing the lowest cost of ownership over time.

Therefore, if you're looking for a cheap or short-term solution for planters or recyclers, it would be a waste of your time to specify our product for your project. We are philosophically opposed to building cheap products that will be thrown away in a couple of years, or will end up costing our customers more over time.

Why are DeepStream Designs' Mariner Planters different from the "knocked together" ones you see falling apart everywhere?

Longevity: Classic modern design engineered for the **lowest lifecycle cost of any wooden planter** never goes out of style.

Frameless design: DeepStream's proprietary marine-anodized legs and Anti-Gravity frame system contain and direct the incredible differential forces wood creates when it expands and contracts in the rain and sun, delivering **decades** of attractive service. Wood that is bolted or screwed together will tear itself apart in time as each piece expands and contracts at different rates, because they come from different trees and parts of trees.

Better planting environment produces beneficial macro-environmental conditions with less materials and water: Plants in our containers will grow better with less soil volume in many difficult sunny locations, because our *planter-within-a-planter* design prevents the root ball from overheating. Our design ensures that the sides of the liner holding the root ball are never exposed to the direct sunlight, which can steam a root ball that is uninsulated by a thick, heavy layer of soil.

The outer planter box also hides drip irrigation lines, and provides for better-controlled drainage and less water usage, which is an important design consideration for balconies, roof decks, and geographical locations with water shortages. This reduces demands on municipal systems and the environment, while at the same time improving the environment by providing more oxygen, absorbing CO2 and other greenhouse gasses, and cooling shaded structures to reduce energy use.



Top: View of planter box from above
Bottom: Planter box with liner

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For more details about our planter design and examples of common problems with pots and planters, visit our Planter Blog at www.planterblog.com/blog or www.gardenplantersandliners.blogspot.com

For more information about and photos of our products visit www.DeepStreamDesigns.com

Customization: Mariner and Audubon legs are available in various shapes that allow us to quickly build modular planters of infinite dimensions in any rectilinear configuration. They can also be single-sided to reduce costs. While standard leg heights are 21", 31", and 42", they are available up to 144".

Construction: DeepStream products are manufactured by American craftsmen, using yacht-building techniques and materials, and allow for damaged pieces to be replaced at the manufacturer's direct cost via our unique "Core Replacement Program." Proprietary dielectric paste prevents the stainless steel fasteners from seizing in the aluminum legs for decades of access. Proprietary copper treatment of any closed holes in the wood enhances the tropical hardwood's natural qualities to prevent wood rot for decades.

Isolation: We avoid the damaging contact with the ground and the planting material that you see in other planters by using molded recycled plastic liners that will never leak, and that prevent the soil from coming into contact with the wood. Our HDPE plastic feet also prevent contact between the legs and the ground or standing water.

Materials: Stainless steel fasteners, marine-anodized 6063-T5 aluminum, 3/4" solid tropical hardwood planking, and high-density plastics that not only last for decades, but also allow for a more elegant and modern design.

Integration: Part of an integrated system that includes recycling and trash bins, wall systems, and signage, DeepStream Designs planters allow Architects and Landscape Architects to meet their clients' goals with seamless plans, delivering cost effective solutions to a vital aspect of their projects' sustainable design goals.

Value: DeepStream sells direct with pricing based on volume, and has very low overhead. This allows us to use the best materials and pay a living wage to American craftsmen, while ensuring that our customer is getting the lowest lifecycle cost for their project and the planet.

Green: DeepStream is committed to doing its part to save the planet by using recycled or easily recyclable materials. Our engineering and materials selections ensure that the products will last as long as possible, breaking the "throw-away" cycle, and protecting the earth's resources. For every planter we build, even if it is from plastic lumber made from recycled milk bottles, we plant 50 trees in our customer's name through Trees for the Future (www.plant-trees.org). For each recycler we build, we plant 100 trees.