



## Light and sturdy powerboats from Symphony Boat Company

Sustainability and respect for the environment are core elements when the boat builders at Symphony Boat Company construct their vessels.

### **A modern classic**

Located in Duluth, Minnesota, USA, Symphony Boat Company began boatbuilding in August of 2013, when owner and CEO Marcel LaFond completed the prototype Romance. With a hull construction of aluminum and marine plywood skins over structural core materials, Symphony boats have the look and charm of traditional wooden boats, but they are significantly lighter, sturdier and much easier to maintain.

### **Light weight is key**

With more than 16 years of boat and yacht design experience, LaFond knows what it takes to make a sturdy yet light vessel. Within his previous employment at Cirrus Design, LaFond also played a key role in the design of the cabin and flight deck design of the sleek *Cirrus SF50 Vision Jet*, as well as the SR family of aircraft. Customers at Symphony Boat Company can choose to have a truly custom-made boat built or to find a suitable vessel among the stock models.

### **Sustainability at the core**

Symphony Boat Company works under the motto: "in harmony with nature." Remembering summers of sailing as a child on Minnesota lakes, LaFond feels strongly about the preservation of the waterways for future generations. That is the reason why most of the company's models have an electric motor, allowing for a quiet trip that does not pollute the

water. A cored panel also means less interior structure. With few hull bottom frames, there are almost no nooks and crannies where invasive species like the zebra mussel larvae can hide. Pull the plug and the hull can drain and dry completely.

### **PET cores for light yet sturdy vessels**

Providing high quality, durability and style, Symphony's boats combine materials and technology already proven in the industry, in a new way. To achieve the light weight, LaFond uses Diab PET cores. *Divinycell P60* provides noise damping, and the durable closed cell structure adds buoyancy. "It is easy to process on my CNC table and bonds nicely with a variety of modern adhesives. It is recyclable and has good FST properties as an added bonus," says LaFond. The sandwich is a combination of wood inside with a fiberglass and/or marine grade aluminum skin outside, pressed together with vacuum. The excellent physical properties of the PET core make it a great choice for many types of boat building. Lighter weight means less energy and therefore decreased environmental impact. And the flexibility of the material allows for a substantial amount of design freedom.