Simplicity is the Ultimate Sophistication
Leonardo da Vinci

SOLLINER

green dream boats
Green Dream Boats shipyard has specialized in the production of environmentally friendly catamarans. The flagship product is Solliner – a luxury recreational craft with solar – electric drive. We also provide specialized services related to the boatbuilding industry such as composite plugs/molds design & construction.

Our qualified employees have many years of experience in composite boatbuilding sector. We do have large production floor area which allows us to make units from several to several dozen meters in length, both mono, and multihull. We can produce plugs & molds by the traditional method [wooden frames/composite] with the support of CNC technology if needed. Our technology is “tailor-made” to optimize production cost maintaining the highest quality.

We do offer full support in the design of construction and technology starting from CAD 3D models up to detailed workshop drawings.
The Modern shape of Solliner invites you to admire the world from the perspective of water—in a unique style. In good company, with a glass of good wine or champagne.

100% Solar Powered
Solliner is an eco-friendly solar-powered catamaran that can cruise unlimited distance without charging. It cruises in total silence allowing to admire nature without disturbing it.

We depend upon vegetation to clean the air we breathe; we depend upon healthy soils to grow the food that nourishes us and clean water to hydrate us and maintain healthy functioning of our bodies. As social beings, we depend upon minerals and raw materials to fuel our economies and it is in nature that our culture finds its roots and sense of place.

Michelle Molnar, the David Suzuki Foundation

RELIABLE
CATAMARAN WITH A RICH LIST OF OPTIONS
Since its first runs in 2015 SOLLINER can be found cruising waters all over the world. Its efficient and strong design allows safe use of SOLLINER in the coastal and inland waters. Depending on your needs, Solliner can board up to 10 people*. Enough to go fishing together, make a dinner on the water, or enjoying the summer weather by jumping into the water or sunbathing.

*Capacity allowed is based on location of use.
You can purchase a special transport trailer with Solliner. Solliner can be easily towed on the trailer by car. In case of cloudy sky for long time it can recharged from the shore power.

TAKE THE HELM
SOLLINER DOES NOT REQUIRE LICENCE*

Solliner is not just freedom from power sources. Just go on board and catch the helm. Driving is very intuitive and in many countries does not require special permits. One person can drive a yacht, and the full 360° view not only ease the navigation, but also allows you to admire everything around you no matter the weather.

* Based on location of use.
BUSINESS
RETURN OF INVESTMENT EVEN AFTER 2 SEASONS
A solar-powered catamaran is a great investment for both individual and business needs. Solliner is a successful water taxi, restaurant table or a tourist boat for exploring urban canals, landscape parks or the sea coast. It is estimated that the investment returns after two tourist seasons.

GOOD INVESTMENT
CLEAN ENERGY IS FREE
Solliner cruise up to 12 km/h using only solar energy. Furthermore, the solar panels also work at cloudy days.
SOLLINER TAXI
5 MONTHS AND 12 200 PASSENGERS

Solliner is perfectly good as a water taxi in Stockholm. The investor received almost a full return on investment in one season. Take into account that water season in Sweden is very short — in given example, the data is for 5 months.

<table>
<thead>
<tr>
<th>INCOME</th>
<th>50 000 €</th>
</tr>
</thead>
<tbody>
<tr>
<td>APRIL</td>
<td>3 400 €</td>
</tr>
<tr>
<td>MAY</td>
<td>900 €</td>
</tr>
<tr>
<td>JUNE</td>
<td>3 400 €</td>
</tr>
<tr>
<td>JULY</td>
<td>19 400 €</td>
</tr>
<tr>
<td>AUGUST</td>
<td>26 000 €</td>
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</table>

<table>
<thead>
<tr>
<th>SOLLINER PURCHASE COST</th>
<th>46 000 €</th>
</tr>
</thead>
<tbody>
<tr>
<td>OPERATING COST</td>
<td>14 200 €</td>
</tr>
<tr>
<td>technical service cost</td>
<td></td>
</tr>
<tr>
<td>insurance</td>
<td></td>
</tr>
<tr>
<td>marina</td>
<td></td>
</tr>
<tr>
<td>skipper</td>
<td></td>
</tr>
<tr>
<td>unforeseen expenses</td>
<td></td>
</tr>
</tbody>
</table>
HOW YOUR SOLLINER WILL LOOK?

DESIGN YOUR OWN CATAMARAN

Solliner is an idea. Make yourself comfortable on the yacht, of your design. Choose equipment that suits you best, define the style and color. You can pick up from over 50 additional options and 5 types of finishing in 120 colors. Or maybe anything more?
## TECHNICAL DETAILS / MAIN DIMENSIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>SOLINER S</th>
</tr>
</thead>
<tbody>
<tr>
<td>Design category</td>
<td>C / D</td>
</tr>
<tr>
<td>Length of hull</td>
<td>6.12 m (20.1 ft)</td>
</tr>
<tr>
<td>Overall length</td>
<td>6.20 m (20.3 ft)</td>
</tr>
<tr>
<td>Beam</td>
<td>2.20 m (7.2 ft)</td>
</tr>
<tr>
<td>Overall Beam With Rubbing Strake</td>
<td>2.25 m (7.4 ft)</td>
</tr>
<tr>
<td>Max. Draft</td>
<td>0.45 m (1.48 ft)</td>
</tr>
<tr>
<td>Min. height (lowered roof, motor raised)</td>
<td>2.05 m (6.73 ft)</td>
</tr>
<tr>
<td>Max. height (roof raised, motor lowered)</td>
<td>3.25 m (10.66 ft)</td>
</tr>
<tr>
<td>Max. height above water (roof raised)</td>
<td>2.60 m (8.52 ft)</td>
</tr>
<tr>
<td>Min. height above water (roof lowered)</td>
<td>1.75 m (5.74 ft)</td>
</tr>
<tr>
<td>Transport height (on boat trailer, lowered roof)</td>
<td>2.65 m (8.69 ft)</td>
</tr>
<tr>
<td>Light Craft Condition Mass (2.0 kW)</td>
<td>800 kg</td>
</tr>
<tr>
<td>Light Craft Condition Mass (4.0 kW)</td>
<td>1000 kg</td>
</tr>
<tr>
<td>Maximum Load</td>
<td>890 kg</td>
</tr>
<tr>
<td>Electric Motor Torqeedo</td>
<td>2.0 kW or 4.0 kW</td>
</tr>
<tr>
<td>Maximum motor power</td>
<td>6.0 kW</td>
</tr>
<tr>
<td>Battery bank version 6.0 kW</td>
<td>4.0 kW x 250 AH+ &amp; 70 AH</td>
</tr>
<tr>
<td>V max</td>
<td>11-12 km/h</td>
</tr>
</tbody>
</table>
**STANDARD EQUIPMENT**
- Carbon dashboard (navigation cockpit)
- Side entry closure/lock
- Stern couch with backrest
- U-shape mattress in cockpit
- Sundeck mattress
- Steering system with steering wheel
- Navigation lights
- Electric fuse box
- Electric bilge pumps – both sides
- Automatic roof with remote control steering
- Stainless steel cleats
- Led lights in cockpit
- AGM Battery
- Shore power cable (15m)
- Solar panels 1100 W
- Evacuation ladder
- Electric motor 2.0
- High precision battery monitor
- Solar charger controller
- Battery charger
- Cooler in stern & starboard seat locker

**ADDITIONAL OPTIONS**

<table>
<thead>
<tr>
<th>MOTOR AND BATTERY BANK</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electric motor 4.0</td>
</tr>
<tr>
<td>(incl. installation, additional accumulators, and motor assembly)</td>
</tr>
<tr>
<td>Motor trim</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>EXTERNAL OPTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stainless steel pop-up cleats</td>
</tr>
<tr>
<td>Horn</td>
</tr>
<tr>
<td>Colorful hull — vinyl wrap on sides</td>
</tr>
<tr>
<td>Additional LED lighting (bow, stern cockpit, inter — hull) 5 pairs of lights</td>
</tr>
<tr>
<td>Lifebuoy holder</td>
</tr>
<tr>
<td>Anti-fouling</td>
</tr>
<tr>
<td>Rubbing strake protection of the front parts of the hull</td>
</tr>
<tr>
<td>Protection of the side parts of the hull (fenders — various colors)</td>
</tr>
<tr>
<td>Decorative pillows (4 pcs)</td>
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</table>

<table>
<thead>
<tr>
<th>INTERIOR OPTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Teak table in cockpit</td>
</tr>
<tr>
<td>Teak in cockpit</td>
</tr>
<tr>
<td>Artificial Teak in cockpit</td>
</tr>
<tr>
<td>Floor made of waterproof and sun proof panels</td>
</tr>
<tr>
<td>Foldable table in the cockpit — hidden into lockers or on adjustable leg</td>
</tr>
<tr>
<td>Deckchair (foldable deck mattress — 3 positions)</td>
</tr>
<tr>
<td>High quality and high resistance upholstery</td>
</tr>
<tr>
<td>Leather trimmed steering wheel — different colors</td>
</tr>
<tr>
<td>Sundeck inside the cockpit (sofa between the sides and the bow)</td>
</tr>
<tr>
<td>Sundeck handrail</td>
</tr>
<tr>
<td>Toilet</td>
</tr>
<tr>
<td>Lighter socket / USB socket</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NAVIGATION AND SOUND EQUIPMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Waterproof radio with Bluetooth + waterproof 2 speakers (Fusion)</td>
</tr>
<tr>
<td>Additional Fusion speakers (higher model of radio system req.)</td>
</tr>
<tr>
<td>Magnetic compass Plastimo</td>
</tr>
<tr>
<td>Raymarine i40 Sonar</td>
</tr>
<tr>
<td>Radar reflector</td>
</tr>
</tbody>
</table>

**LEISURE & ADDITIONAL EQUIPMENT**
- Fishing rod holders
- 4-steps ladder — inox
- Towing hook — inox
- CCTV system
- Easy to unclip bag system in the seat lockers (left and right side)
- Boat cover
- Full deck cover
- Lifebuoy rope 30m
- Hawsers (4x10m)
- Lifebuoy
- Telescopic grapnel
- Additional LED Searchlight
- Bridge console light
- Additional cup holder for the helmsman
- Net with pocket for lifebuoy suspended between hulls
- Extra table instead of fishing rod holders
- Illuminated floor (LED lights)
- Exclusive external thermometer in bridge console (choice of white or black clock face)
- Exclusive external clock in bridge console (choice of white or black clock face)

**TRAILERS**
- Trailer for catamaran (wheels 13”) 1300 DMC
- Shipbuilding trolley for catamaran

The size of the catamaran allow to transport of the boat efficiently. It can be towed by a vehicle with towing capacity of as little as 2500 pounds.
The shape of the catamaran was inspired by sports car designs. Solliner has a delicate line emphasizing the lightness of the structure. The boat is made of materials resistant to discoloration and properly protected against sea water and UV rays. By choosing individual elements of Solliner you determine how your eco-design will look like.
WOOD UPHOLSTERY COLORS

LEATHER
- White
- Black
- Grey
- Beige
- Bahama
- Braun
- Red
- Blue
- Navy Blue

STAMSKIN / LEATHER LIKE SYNTHETIC
- Zen F4350-20150

WOOD
- Teak
- Oak
- Bleached Oak

PVC PANELS

COLORFUL HULL – VINYL WRAP ON SIDES

GLOSS
- GLOSS
- SATIN
- MATT

COLOUR FLIP
- riot of colours

TEXTURE

The presented colors may be slightly different from the actual ones. In order to precisely specify the color, use the original Solliner sample card.