

# SEATTLE BOAT WORKS LLC

## Who are we?

Our mission has always been to get our customers enjoying boating as much as possible by turning the boat they like, into the experience they love.

Seattle Boat Works is a mobile full-service, boat-building, marine repair, restoration, installation, and fine woodwork shop. Local and family-owned since 2008.

We also have been providing solutions to make electric propulsion systems easy and accessible to recreational boaters. Boaters who want to discover the joys of quiet, clean, low-maintenance motoring used in the industry since the 1870s (yes really!)

We'll hope to see you on the water,  
**Seattle Boat Works**



Interested in electric propulsion options?  
Contact us with:

- Waterline Length
- Gross Weight
- Desired Cruising and Top Speeds
- Current Motor Configuration

# Electric Propulsion

## SEATTLE BOAT WORKS LLC

Seattle Boat Works  
By Appointment Only  
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[www.seattleboatworks.com](http://www.seattleboatworks.com)



Since 1998 Clean E-Marine has been making electric propulsion solutions for the recreational boater. Danish engineering at it's finest, the Thoosa line highlights the best of well-built, quiet, and reliable e-motors. These motors amazingly take up 30-50% less room for the same power of other electric motors on the market.

**THOOSA**



**Thoosa 5500L • 5.5kW continuous (48V)**  
Replaces a 12hp to 18hp inboard engine

**Thoosa 7000HT • 7kW continuous (48V)**  
Replaces a 15hp to 22hp inboard engine

**Thoosa 9000 • 9kW continuous (48V)**  
Replaces a 20hp to 30hp inboard engine

**Thoosa 12000 • 12kW continuous (72V)**  
Replaces a 30hp - 40hp inboard engine

## Batteries

For most installations we can't help but recommend Lithium-Iron Phosphate (LiFePo4) battery banks. Not only space and weight saving, but safe for marine environments and long-lived, you easily earn back your investment.

What's the minimum battery bank you need? Approximately the equivalent to your electric motor's output. For example, a 10 kW (continuous) electric motor should have a 10 kWh (continuous output) drive bank.

**Bellmarine®**  
powered by Transfluid

Bellmarine has one of the most extensive electric motor lines for commercial and recreational applications. While the 20 EVO (below) is our most popular, the line goes from 2 kW up to 230 kW. Each motor has a wide range of control configurations and accessories, plus Bellmarine batteries and solar systems to choose from.

## Bellmarine 20 EVO

The inboard 20 EVO line features a water-cooled **48V 15kW continuous, 20kW peak** electric motor.



**Drivemaster 20 EVO - 15kW continuous**  
1500 RPM shaft drive

**Torquemaster 20 EVO - 15kW continuous**  
Variable RPM shaft drive

**ModularMaster 40 - 30kW continuous**  
Essentially a "2-in-1" with two 20 EVOs paired to drive one prop shaft, while keeping the system in 48V.

Looking for saildrives? Ask us about the SailMaster line!

## Electric Hybrid Propulsion



Electric hybrid systems are the answer to boater's "range anxiety" when considering converting to electric propulsion.

We recommend a "series" hybrid system for the best efficiency and experience. This essentially means an electric motor is connected to the propeller shaft, which is powered by a battery drive bank supplemented by a diesel-electric generator.



Want to see for yourself? Come see our demo boat on Lake Union. 7kW generator, Thoosa 7000, and 14.4 kWh drive bank installed in 2014.