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# MetalCraft Marine

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BUILDERS OF CUSTOM HIGH-PERFORMANCE ALUMINUM WORKBOATS

# WorkBoats

**When Reliability & Performance Is Critical**



**When Quality Means Lives**



**When You Have Unique Mission Requirements**



**MetalCraft Marine Will Design & Build the Perfect Boat for You**

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**MetalCraft Marine**

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[www.metalcraftmarine.com](http://www.metalcraftmarine.com) • 1-800-410-8464

# WorkBoats

METALCRAFT MARINE THE WORLD LEADER IN HIGH-SPEED ALUMINUM CRAFT



***Patrol and Rescue***

***Page 04***



***RIB Patrol***

***Page 05***



***Crew & Passenger Ferries***

***Page 06***



***Research Boats***

***Page 07***



***Utility Landing Craft***

***Page 08***



***Alternate Fuel***

***Page 09***



***Specialty Craft***

***Page 10***

For complete information on our fire boats, please see our FireStorm brochure.



The staff of MetalCraft Marine aboard the Wilmington, Delaware Fire Department's recently commissioned FireStorm 70, the Firefighter.

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# WorkBoats

**METALCRAFT MARINE** THE WORLD LEADER IN HIGH-SPEED ALUMINUM CRAFT

Celebrating our 25th anniversary in 2012, MetalCraft Marine specializes in designing and building high-performance aluminum workboats that are designed to meet each customer's unique mission requirements. When we ask our customers why they chose MetalCraft, they frequently say, "because MetalCraft listens and works with us to build the custom boat that meets our needs".

With an experienced staff including naval architects, engineers and fully trained craftsmen, our team of 100+ is committed to building you the perfect boat and providing you with the best possible value for your investment.

Our Quality Assurance department, along with the only aluminum alloy boat building apprenticeship program in North America, are all aimed at ensuring your MetalCraft vessel will exceed your reliability and performance requirements. With an industry leading 10 year hull seam warranty, we are committed to building you a vessel that you will be proud to say was built by MetalCraft Marine.

Featuring a dedicated Research and Development facility, we spend over \$1 million per year to ensure we are providing you with the latest and most appropriate technology for your mission requirements. Whether it is alternate fuel systems/ carbon footprint, stealth capabilities, cost of ownership, or unique mission requirements, we invest in solutions tailored to your needs.

A U.S. General Services Administration (GSA) partner, with manufacturing facilities in Northern New York State and a staff with a proven track record in assisting with successful grant applications, we are ready to provide you with a comprehensive solution so that you can focus on your primary tasks at hand.

MetalCraft Marine has a strategic partnership with Brunswick Commercial and Government Products Group. Together we are able to provide global solutions for high volume orders, including comprehensive training and logistics requirements.



MetalCraft Marine manufacturing facility in Cape Vincent, New York



All aluminum hulls are backed with our industry leading 10 year warranty.

**Great Boat  
Award  
1999**

**WorkBoat  
Of The Year  
2002**

**Great Boat  
Award  
2009**

**WorkBoat  
Of The Year  
2010**

**WorkBoat  
Environmental  
Award  
2011**

**MetalCraft Marine**

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# Patrol & Rescue Boats

METALCRAFT MARINE THE WORLD LEADER IN HIGH-SPEED ALUMINUM CRAFT

Our line of high-speed patrol and rescue boats are tailored to your fast response, high reliability needs. Whether it is patrol, rescue, with or without fire fighting capabilities, in-shore or off-shore, if you need to get there fast and safely, we have a boat for you.

*“It’s basically an exciting time for the department because it allows us to go to the next level as firefighters – on the water and as police officers. With these vessels, our response times will be cut in half and we have more than double the capacity of pumping water.”* – Sgt. David Fouser, Port of San Diego Harbor Police Department

## Kingston 36



### San Diego Harbour Authority Fleet

Mission: Harbour security with integrated firefighting

- Length: 36’
- Speed: 39 knots
- Propulsion: Twin Cummins 6.7 Diesel 480 hp with Hamilton Jets 292
- Pump Capacity: 2400 GPM

## Kingston 40 Off-Shore



### Petroleum Company of Trinidad and Tobago Fleet

Mission: Offshore patrol boats in the Gulf of Paria

- Max Speed 37 knots with full fuel and crew
- Fuel Capacity: 300 gallons
- LOA: 40’, Beam 13’
- Engine: Twin Cummins QSB 5.9L 425 hp
- Jet: Twin Hamilton Jet 292
- Weight: 18,000 lbs.

**Speed and Reliability in a Package Designed for You**



KF28 PATROL



K70 RESCUE



KF22 PATROL



K36 PATROL

# RIB Patrol Boats

**METALCRAFT MARINE** THE WORLD LEADER IN HIGH-SPEED ALUMINUM CRAFT

MetalCraft builds a variety of RIBs including the Manta and the Kingston Patrol RIB. The Manta was originally designed as a SOLAS RIB in 22' and 14' SOLAS certified sizes. The Manta is available in size ranges from 14' to 25' and sported the first foam collar in 1983. The Kingston hull was originally converted to a RIB design because of its versatile platform and has been successfully cloned in sizes from 20 to 70 feet. The Patrol RIB version has been built in sizes from 25' to 34' and propelled with jet, outdrives and outboard configurations. Its efficient hull shape permits a speed range up to 61 knots. In 2000 MetalCraft designed and built the first ever USN 7M Standard Navy RIB in Aluminum/FRP hybrid construction. The boat met all of its design parameters and reached 48 knots with inboard diesel/outdrives by Mercury Marine.

## 35' Long Range Interceptor



### US Coast Guard Fleet

#### Mission: Long Range Interceptor

- Max Speed: 42 kts/w full fuel and crew
- Range: 236 nm
- LOA: 35'
- LWL: 31' 4"
- Draft : 24" fully loaded
- Engine : Twin Cummins QSB6.7 480 hp
- Jet: Twin Ultra Jet 305
- Weight: 19,800 lbs.
- Collar: Gilman Foam
- Hull: 20-22 degrees

*MetalCraft Marine US Inc has been awarded the contract for the design and production of the new generation Long Range Interceptor II for the US Coast Guard shown above. The boats will be an integral part of the National Security Cutter operations.*



RCMP KR28



US NAVY IBU KR32



GATINEAU POLICE MANTA 26

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# Crew Boats & Passenger Ferries

METALCRAFT MARINE THE WORLD LEADER IN HIGH-SPEED ALUMINUM CRAFT

## K50 Crew Boat

When you need to get people moved safely and quickly, our ABS Classed crew boats and passenger ferries can be tailored to fit your needs. The vessel of choice by the Panama Canal Authority for their 26 and 42 person personnel transportation requirements, we have solutions for both in-shore and off-shore requirements.



*“The vessel met the contract specification and exceeded our expectations... all aspects of the vessel were engineered to our needs, and the craftsmanship was carried out expertly and methodically.”*

— Panama Canal Commission, Republic of Panama



### Panama Canal Authority

Mission: Crew delivery and VIP transporter

- LOA: 57.5'
- Beam: 18'
- Draft: 2'6"
- Weight: 44,000 lbs.
- Loaded Wt: 57,000 lbs.
- Max Speed: 41 knots
- Max Speed :(loaded) 38 knots
- Capacity: 48 + 3 crew
- Fuel Cap.: 700 gal
- Propulsion: 3x600 hp Cat Diesels & Hamilton 362 jets

# Research Boats

METALCRAFT MARINE THE WORLD LEADER IN HIGH-SPEED ALUMINUM CRAFT

## K40 Research Vessel



Our Research Vessels are custom designed with the specific requirements of the scientific community in mind. We specialize in accommodating specialized needs, such as custom sampling equipment and interior labs.

When the Green Bay Metropolitan Sewerage District (GBMSD) required a research vessel, they chose MetalCraft Marine's Kingston 36' workboat platform to conduct water sampling for their Ambient Water Quality Monitoring Program.

### K40 Research Vessel for GBMSD

- LOA: 40'11"
- BOA: 13'0"
- Draft: 20"
- Weight: 22,500 lbs.
- Max Speed: 37 knots
- Cruising Speed: 30 knots
- Engine: Twin Cummins 6B5.9L, 425 hp
- Drive: Twin Hamilton-Jet HJ292

*"Working with the MetalCraft team was outstanding! Every member did their best to provide us with exactly what we wanted. The boat has met or exceeded all of our expectations... Now two years into the expanded program, we know that we made the right choice."*

- Green Bay Metropolitan Sewerage District



25' KINGFISHER US NATIONAL PARKS SERVICE



26' TRI-HULL RESEARCH VESSEL

31' NOAA HYDROGRAPHIC SURVEY VESSEL

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# Utility Landing Craft

METALCRAFT MARINE THE WORLD LEADER IN HIGH-SPEED ALUMINUM CRAFT

Our St. Lawrence high-speed ULC has been in production since 1991 and has repeatedly demonstrated above average performance exceeding design specifications by as much as 25% in load carrying capability and high-speed performance. The St. Lawrence is a shallow 'V' high-speed, high load barge designed for planing speeds in full load condition. It is easily driven on plane with very low horsepower ratings. Designs are available from 30' to 65'. The boat's unique hull shape provides greater directional stability and lift than a standard flat or V-bottom Sea Truck design and accommodates both twin and triple jet applications.

## St. Lawrence Utility Landing Craft



*"I've operated boats for over 40 years and this is the best rough water boat for its size I've ever worked with. The deck space and the gunnel height make working on buoys a snap. We transport buoy anchors that weigh about 1000 lbs.. No problem!"* – Amistad National Recreation Area, Del Rio, TX, USA



PANAMA CANAL AUTHORITY 44' ULC



ST. LAWRENCE 45' ULC WITH FLYBRIDGE



24' BULLNOSE ULC

### Standard Features

- 5/16" Marine grade aluminum bottom plate
- 1/4" Marine grade aluminum hull sides
- 1/4" Treadplate decking
- 10 Year warranty on hull seam welds
- Full-width bow door with electric winch
- Modified shallow V hull with planing flats
- Hydraulic steering

### Options

- Propulsion system (outdrives, jets, props) up to 900 hp
- Crew cabin to owner specification
- Paint system
- Cabin heaters
- A-frame hoist or davit (manual or power)

# Alternate Fuels

METALCRAFT MARINE THE WORLD LEADER IN HIGH-SPEED ALUMINUM CRAFT

A 2012 Sustainable Energy Innovation Award winner and the 2nd place finisher of Workboat Magazine's Environmental Initiative Award in 2011, MetalCraft Marine's Kingston 23 Hybrid sets the pace for advanced operational efficiency. MCM's alternative fuel designs help you save money and assist in meeting green initiatives.

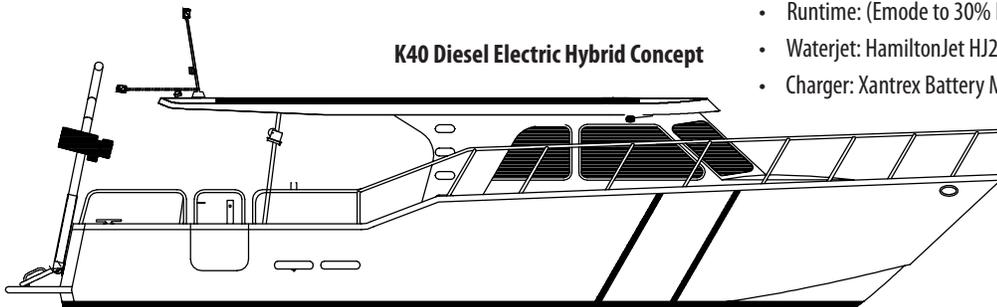
## Kingston 23 Hybrid



### City of Annapolis HarborMaster Diesel-Electric Patrol Boat

- LOA: 23', BOA 8'
- Weight: 6900 lbs.
- Solar Panels: 4 Sanyo HIT 215 (Max output of 860W)
- Controller: OutBack Power
- Technologies: Flexmax
- Batteries: 8 Lifeline Deep Cycle AGM (Max output 14.4 KWh)
- Max Speed: Deisel - 30 Kts
- Engine: STEYR M0306 with 7kW Electric Motor
- Max Speed: Electric - 5 Kts
- Transmission: ZF
- Runtime: (Emode to 30% DOD) ~55 Min
- Waterjet: HamiltonJet HJ213
- Charger: Xantrex Battery Monitor

### K40 Diesel Electric Hybrid Concept



*"Because of the levels of knowledge, dedication, and flexibility shown by each and every employee I dealt with at MetalCraft Marine throughout the building process, I was able to obtain a world-class, superior product for the citizens of Annapolis for a very reasonable price."* - HarborMaster, City of Annapolis, MD, USA

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# Specialty Craft

METALCRAFT MARINE THE WORLD LEADER IN HIGH-SPEED ALUMINUM CRAFT

MetalCraft Marine takes a great deal of care in designing boats to meet each customer's unique mission requirements. MetalCraft Marine's team of experienced naval architects, engineers and fully trained craftsmen specialize in providing the right boat for you to get the job done.



## US Navy Salvage and Diving

- Max Speed: 34 knots /w full fuel and crew
- Fuel Capacity: 175 USG
- Range: 240 nm
- LOA: 30'
- Beam: 8' 6"
- Engine: Single 6.7 litre Iveco 420 hp
- Jet: Single Ultra Dynamics 305 HT
- Weight: 11,000 lbs.
- Crew and Passengers: 4



## St. Lawrence Seaway Pilot's Association

- Max speed: 39 knots
- Heated roof boarding system
- LOA: 39'-9"
- LWL: 31'-1"
- BOA: 13'
- Weight: 19,000 lbs.
- Engine: Twin Cummins 5.9 , 420 hp
- Jets: Hamilton 292



## Department of Fisheries and Oceans

- Max Speed: 10.6 knots
- Cruise Speed: 10 knots
- LOA: 65'
- BOA: 24'
- Draft: 2'
- Weight: 38.2 MT
- Fuel Cap.: 400 gal
- Engine: Twin Volvo TAMD4111
- Generator: Northern Lights 30 kW

# Our Commitment

METALCRAFT MARINE THE WORLD LEADER IN HIGH-SPEED ALUMINUM CRAFT

## MetalCraft Marine Advantage

Government organizations trust us to build their life saving and protection vessels because we deliver the highest quality craftsmanship and most advanced systems in a fully integrated package. Our customers have identified the following three attributes as key reasons they selected MetalCraft Marine to build their boats:

### 1. Performance...

Throughout the entire build process our objective is to exceed the high expectations of our customers.

### 2. Value Added Engineering...

Our experienced design and engineering department provides a superior level of quality and service throughout the design and build process.

### 3. Customer Interface...

Ease of maintenance, access to all systems, ergonomic interfaces and use of locally supported components are at the forefront of all of our projects.

### Total Cost of Ownership...

These primary MetalCraft Marine qualities significantly contribute to the overall value of all our vessels.



MetalCraft Marine's aluminum work meets or exceeds ABS and ISO-12215



K70 ready for paint

*“MetalCraft Marine personnel are exceptional to work with and they were totally committed to providing a quality product that met or exceeded our expectations. Our boat met all the operational requirements with the construction and finish of the hull, mechanicals and accessories, first class in all respects. Flexibility permeated the entire build.”*

- US Navy Salvage and Diving

## MetalCraft Marine Warranty

Our boats are designed with a 25 year service life. We assure our boats to be free of defects in materials and/or workmanship for 12 months and warranty our hull seam welds for an **industry leading 10 years**. We have a customer support team that is available 24 hours a day, 7 days a week. Our policy is to take action on service calls within 24 hours. We have highly trained technicians that can be rapidly deployed to any location to ensure that our boats remain ready and able to fulfill their mission at all times. We build strong relationships with our customers and invite you to contact any or all of our references..

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**K23 Hybrid**



**K40 Research**



**K36 Pilot**



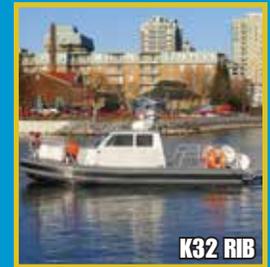
**K44 Patrol**



**65 Polar Barge**



**KF23 Center Console**



**K32 RIB**



**28 Bullnose ULC**



**K40 Offshore**

A finalist for "Environmental Boat of the Year" and two-time winner of "Boat of the Year" at the International WorkBoat Show as well as two-time winner of "Great Boat of the Year" by Marine News, MetalCraft Marine is the world leader in the design and manufacturing of highspeed welded aluminum patrol, fire and rescue boats. As well, MCM is completely experienced in delivering durable crew, research, transport and specialty vessels and recently introduced electric and alternate fuel systems to select designs. At MetalCraft Marine we pride ourselves in delivering custom solutions to meet your unique mission challenges.

# MetalCraft Marine

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