

Research Vessels

Designed by surveyors for surveyors

iXblue's comprehensive range of research vessels, gondolas and buoys of various sizes fueled by a bespoke integration processes of shipbuilding, in-house survey equipment and services company. iXblue's comprehensive range of research vessels, gondolas and buoys of various sizes fueled by a bespoke integration processes of shipbuilding, in-house survey equipment and services company.



FEATURES

- Composite construction methods
- Vacuum infusion
- Moulding process
(fast construction cycles, perfect shaping process)
- Choice of propulsion
(azimuthal pods, traditional, waterjets, hybrid...)

BENEFITS

- No corrosion (low maintenance)
- Lighter vessels outfitted with smaller engines yields same performances enhanced with lower fuel consumption (low carbon footprint)
- Sensors Acquisition Performance
 - Second-to-none sound damper material
 - Perfect shapes for maximum hydrodynamic qualities
- Continuous feedback from satisfied customers
- Innovative solutions for lifting equipment
- Flexible Architecture opened to 3rd party suppliers

A SYSTEM OF SYSTEMS

- in-house vertical integration.
- top-to-bottom engineering where the client mission sits at the top.
- iXblue also provides equipment and peripheral systems. The RV is a C2 centre
- Full-Range Integration with available
 - Gondolas (suitable on all Research Vessels)
 - Survey Buoys

Very strong track record

Quality design to delivery. iXblue's customer care culture aims to exceed client expectations. A spotlight on continuous process improvement enriched with client return of experience keeps our client's fleet up to deliver quality results during mission challenges.

Application Differentiators

- We offer sea-proven series
- Advantages enriched with sea proven designs (including the hull)
- All our ships are IACS approved
- Made in France
- Client participation through every step of the design and building phases
- In-house survey division available to provide return of experience every step of the way.

Applications

- Marine Assessment & Monitoring
- MetOcean - real time monitoring & Autonomous system deployment
- UXO Survey
- Bathymetric, seabed & sub-bottom survey
- Tide, wave, swell measurement & analysis
- Diver operations
- Marine biodiversity survey & inventory

SURVEY VESSELS, GONDOLAS AND BUOYS AT A GLANCE



iXpatrol 40

LOA	Max Beam	Max Speed	Draft	Construction
11.95 m	3.80 m	30 knots	0.81 m	Glass / composite



iXship 50

LOA	Max Beam	Max Speed	Draft	Construction
14.50 m	4.10 m	22 knots	1.0 m	Glass / composite



iXcat 50

LOA	Max Beam	Max Speed	Draft	Construction
15.89 m	6.52 m	22 knots	1.27 m	Glass / composite



iXcat 80

LOA	Max Beam	Max Speed	Draft	Construction
24.90 m	8.0 m	13 knots	2.10 m	Glass / composite



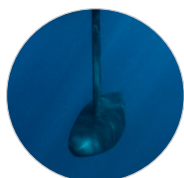
iXship 120

LOA	Max Beam	Max Speed	Draft	Construction
36.30 m	8.85 m	13 knots	3.20 m	Glass / composite



iXship 140

LOA	Max Beam	Max Speed	Draft	Construction
43.10 m	9.25 m	14 knots	3.30 m	Glass / composite



Gondolas

Perfect shape	dimensions	Installation onboard	Type of ship	Construction
CNC 5 axis milling	On demand	On demand	Any	Glass / composite



Scientific Buoys

COMMS	Energy	Environmental sensors	Other sensors	MISC
Satellite, radio, GPRS and GNSS receiver; real time data access (web portal)	Batteries, solar panels, others on demand	Current, weather station, temperature, salinity...	Echo sounder, turbidity, lux, USBL,	Multi sensors mooring lines.