EfoilSurf® | Takum® Canada

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eFoil Carver 2 JET® from TAKUMA®



Brand: TAKUMA®
Availability: 6
Weight: 64.60lb
Dimensions: 62.00in x 28.00in x 0.00in

Price: $13,999.00

Short Description

THE ONLY eFoil legal in Canada !

- **Turbine Drive** Propulsion by YAMAHA
- **Magnetic Safety Kill Switch**
- **Dedicated After-sales Support**
- Lessons & Trials available

See the details

Description

Quick menu

Discover the eFoil Carver 2 JET® from TAKUMA®

- Introduction to the eFoil Carver 2 Jet®
- Construction & Design
- Videos - Live the Experience!
- Specifications and Related Products

Live the TAKUMA® Experience!



eFoilSurf® is proud to present you with **the Brand New Turbine-Powered** efoil Carver 2 JET® from TAKUMA®.

The only electric eFoils legal for use on Canadian waterways.

Expect to perform aggressive carving *(turns)* and other acrobatic tricks, like jumping waves, thank's to the perfect combination of lightness and flexibility.

The** TAKUMA® eFoil Carver 2 Jet® **is ideal for those who want more but remains accessible for the novice who wants to go beyond their limits.

At the heart of the TAKUMA® eFoil Carver 2 JET® You find thrills where performance and control in any situation become an intimate and defining experience of your individuality.

This is probably why the prestigious company Porsche® has affiliated with TAKUMA® for the creation of its promotional video for the **Taycan Turbo S Cross Turismo** entitled "**The Power of Silence**".



OUR PARTNERS :

Water Jet Turbine
High-performance Brushless Motor

Bluetooth Remote Control
WATAIR® Cooling System

Electronic System
Battery Cell - Same as **TESLA®**

The experience of literally flying above water!

TAKUMA®, products tested intensively in real situations

TAKUMA® *name is recognized worldwide for its innovation and the uncompromising quality of all its products. Behind the logo is our famous R&D team supported by advice and numerous tests in real situations by professionals and sports lovers.*

CONSTRUCTION & DESIGN

The eFoil Carver 2 Jet® board from TAKUMA®

This new generation brings many modifications from our famous eFoil Carver®**, now recognized throughout the world.**
The new design of the Carver 2® dramatically reduces drag and vibrations, which optimizes comfort and improves control for an unforgettable carving and gliding experience in rough or calm seas.



- The Carver 2® board is now lighter and more compact. Its optimized volume offers incredible performance and more instant responsiveness
- Propulsion by hydrodynamic JET Turbine (HO-V5) high velocity by YAMAHA
- We've reduced the size and weight of our Electronic Speed Control (ESC), making the eFoil lighter, reducing battery consumption and allowing longer sessions
- New external Bluetooth antenna for a foolproof connection, even under the waves and before takeoff for heavier riders
- Addition of strategically placed handles for easy carrying and boarding
- Insertion to the hull of attachment points for a handle used with a trolley to help transport to and from the beach

The Remote Control



Made by Bb TALKIN' Action sports intercom Bluetooth

especially for TAKUMA®

- Our new remote control with a waterproof case has a simple ergonomic design that makes it intuitive to use
- Easy to get started on your first try
- Pairing with the ESC *(Electronic Speed Control)* is fast and constant in all situations
- Clear visual of the charge of the main battery pack and that of the remote control
- Vibrating and audible low battery warning
- Cruise control mode
- Turbo “Boost” Button
- A built-in safety system stops the board when the remote is dipped underwater
- Come’s with high visibility ergonomic floating leash

Takuma® Carver & Cruising 2 JET® eFoils are legal for use in Canada by Transport Canada!

Why “Legal in Canada” ?

*The **Takuma® efoils JET®** available in Canada have exclusive features that allow them to be used legally in Canada. **Unlike other efoils on the Canadian market which are currently prohibited by Section 1006(b)** of the **Transport Canada Small Vessel Regulations**.*

Overview of the innovations brought to the “Canadian” model

The high-velocity JET hydrodynamic turbine (HO-V5) propulsion module by YAMAHA®

A turbine is necessary and required by Transport Canada for operation in Canadian waters.

The turbine ensures that the user has no way to be injured by the propulsion system, unlike propeller models.



- Hyper efficient, powerful and safe **JET turbine propulsion** with a **4 kilowatt** *(4000 watt)* **brushless motor** designed exclusively for **TAKUMA®** by our partner YAMAHA
- We have redesigned and modified the profile of our anodized aluminum mast to improve its rigidity and hydrodynamic performance by eliminating drag and wave impact. Resulting in decreased vibrations and allowing the effect of gliding or

flying above the water.

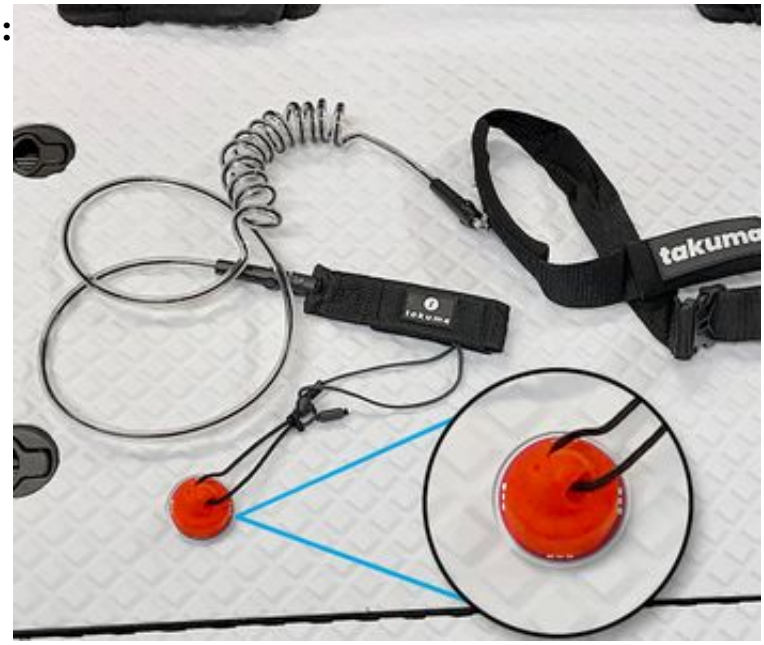
- The weight and the powertrain were also reduced by using high-end components and materials while allowing speeds over 30km/h.
- Premium quality 43.2V - 35Ah Li-Ion battery pack built exclusively for **TAKUMA®** by SAMSUNG — *Same cells as **TESLA®***
- Quick charge *(charger included)* - With visual charge level.
- Autonomy of about 90 minutes. *(depending on the using conditions)*.
- New reinforced 65cm mast with innovative top assembly plate design.

The magnetic safety Kill Switch

The magnetic safety kill switch is necessary and required by Transport Canada for operation in Canadian waters.

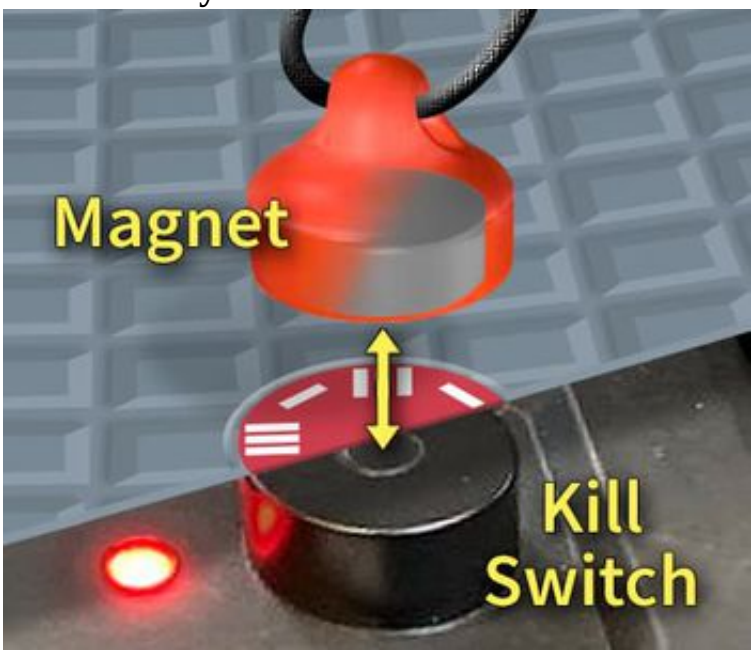
This kill switch adds an infallible layer of security in addition to the one integrated into the remote control (see above). In the event of a fall, these two systems cut the motor automatically, thus avoiding injuries or the efoil escaping from your proximity.

The system includes :



- A comfortable adjustable leash
- The silicone magnetic switch
- The junction point to the board

Functionality :



Other advantages offered by eFoilSurf® on our eFoils JET® Takuma® Canadian version

eFoilSuf® offers you these fantastic options **without any added cost** on the purchase of our Takuma® eFoils JET®

* **Battery advantage (battery pack) of 35Ah**

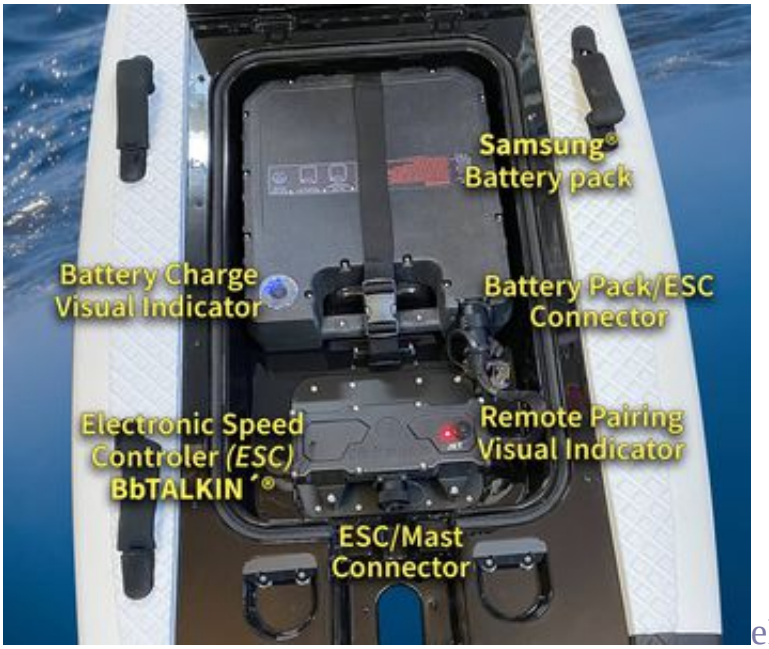
The **Canadian** efoil JET Takuma® comes with a **35Ah battery** *(added value of $600)* compared to the **25Ah battery** pack offered worldwide..

* **Mast advantage and choice of foil set** ***(wings and fuselage)***

• EFoilSurf® replaces the ordinary mast with a **more efficient HD 65cm mast** *(added value of $200)* as well as an **HD 65 fuselage** *(added value of $80)*
• The JET package includes a choice of **Kujira Helium® 1500cm^2** or **1750cm^2** foil or a **Kujira® 1210cm^2** foil. *(at the same price).*
• Also, in the Canadian JET package, we offer the **front and rear fender protection cover** *(added value of $275).*

Other Important Features

A revised interior compartment — We open the hood!



eFoil Cruising JET Takuma shown here.

35Ah Battery Pack *(JET Version Only)*

By SAMSUNG with visual charge indicator *(same cells as **TESLA®**)*

Mini ESC JET® Takuma® *(JET Version Only)*

By Bb TALKIN' Action sports intercom Bluetooth , This speed controller *(ESC)* was specially designed to maximize the efficiency of the JET *(turbine)* propulsion mode. The set is more efficient and reduces battery consumption for even longer sessions.

- Size and weight have been drastically reduced
- Compact and lightweight
- Easy to install
- Pairing LED and power indicator
- Hyper performance
- Come with an EVA® block that protects the ESC and increases the buoyancy of the board

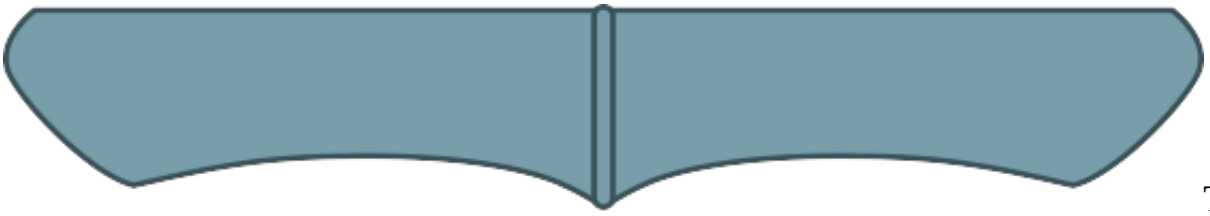
New Cooling System WATAIR COOL®

Develop with our partner Bb TALKIN' Action sports intercom Bluetooth **, specialist in waterproof Bluetooth connectivity for sports equipment.**

Patent pending, WATAIR COOL® allows excellent cooling of the cruise control and the battery pack using both water *(in start-up mode)* and air (*in foil mode)*. The whole system is more efficient and ensures increased longevity of all the electronic equipment *(battery pack, ESC speed controller, etc.)*.

The WATAIR COOL® system is a big advantage over what is offered by other eFoil manufacturers.

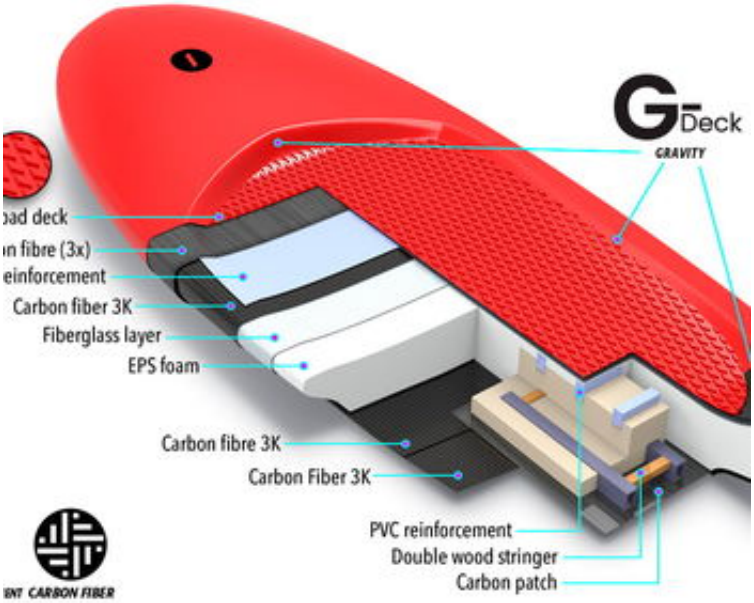
New double concave hull profile with new special ultra-smooth resistant finish



The double concave hull with a new ultra-smooth finish developed by TAKUMA® minimizes water drag and makes the eFoils Carver® boards and SurfFoil TK-CK® boards faster and more stable at take-off and allows entry into mode. foil *(leaning on the fin)* easy and fast, even at low speed.

TAKUMA® Surf Foil board construction technologies

- ***May vary - For informational purposes only***



- **Diamond-shaped EVA® non-slip deck surface**
  - **EVA®** is the most advanced material for its durability and its anti-slip and anti-vibration properties *(3 times more efficient than rubber)*.
  - Gives the surfer a strong and comfortable grip at any angle in wet or dry conditions.
- **Internal design designed, adapted and tested to maximize performance according to the type of Surf Foil** *(eFoil, Surf Foil, etc.)*
- **TAKUMA® uses high strength 3k carbon fibre**
  3k carbon fibre is used in critical parts in industry like ;
  aerospace, aviation, automotive, marine and sporting goods for their incredible qualities ;
  - 5 times stronger and lightweight than steel - Flexible but extremely resistant to shocks and deformation - Resistant to high temperatures and liquids
- - Exceptional structural strength resistant to fatigue in intensive use
- **Finishes and final protective layer of shell ultra smooth and hyper resistant to abrasion and blows**

G Deck
GRAVITÉ

Incorporation of the famous TAKUMA® G-Deck® *(Gravity Deck)* into the Carver 2® board

**** See illustration above.***

The G-Deck® ***(Gravity Deck®)***, is a revolutionary new ergonomic design feature found on all TAKUMA® Surf Foil boards that have been perfected and ported to the eFoil Carver 2® board.

- This hollowed and curved contour around the deck coupled with the non-slip EVA® surface allows the surfer to have a solid and more natural foot support resulting in better control and exceptional balance in all situations and at all angles.
- The G-Deck® allows an ideal and comfortable position of the body and will give you more confidence during rapid accelerations or to perform more extreme acrobatics or “carving” (turns).
- Allows water to flow quickly during departures and in submerged situations.

Takuma® Jet® efoils are accompanied by the famous Kujira® and Kujira Helium® Takuma® foiling wings

Our new Kujira® carbon fibre foil thrust wings with their humpback whale-inspired designs have become global stars for all Surf Foil enthusiasts.



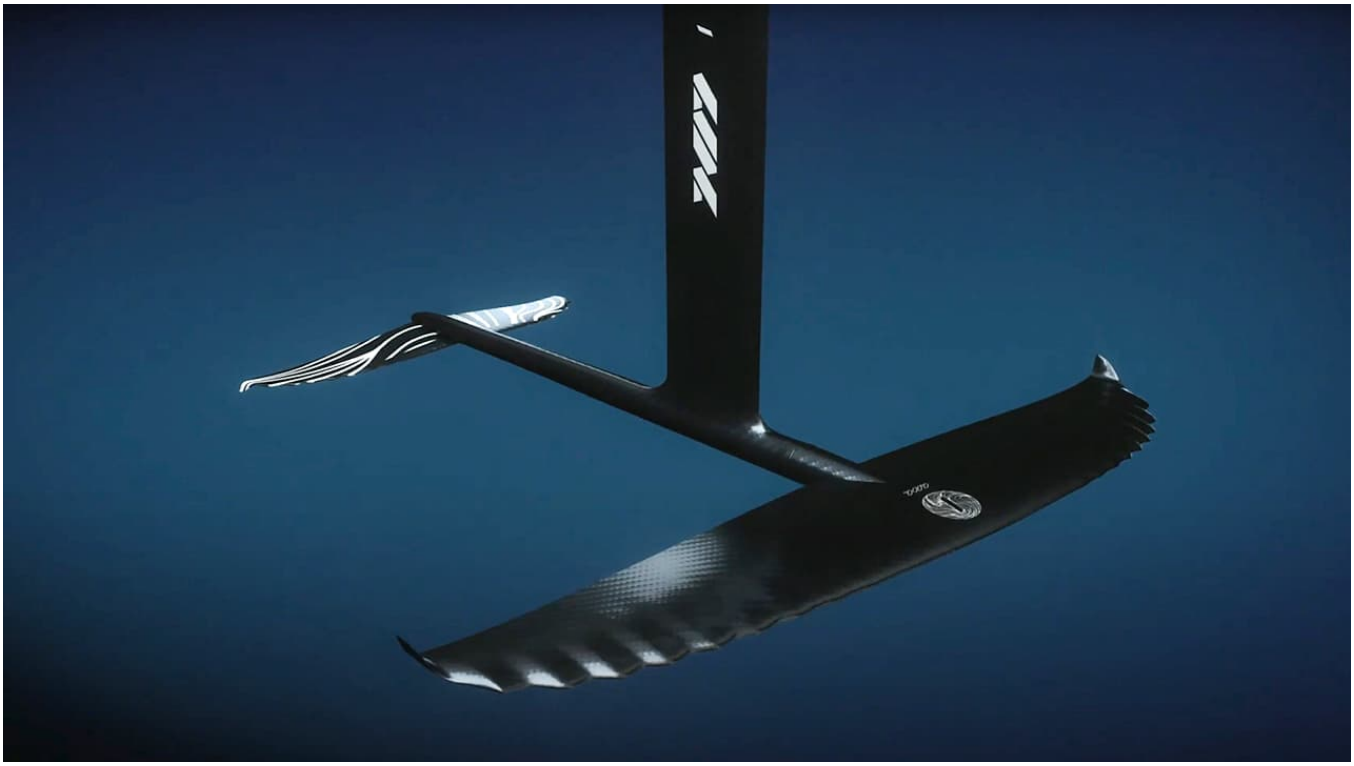
- TAKUMA eFoils Jet® comes with a choice of foil wings; Kujira® **1210cm^2**, Kujira Helium® **1500cm^2** or Kujira Helium® **1750cm^2** recommended for their phenomenal response making headline-grabbing performance in the Foil world.l.
- The full-carbon Kujira® wing offers responsiveness and maximum control whether in the swell or during tight turns or aerobatic mode..
- Allows unparalleled acceleration, great stability when starting or landing jumps.
- Control your board effortlessly, whether at low or high speed.

eFoilSurf® **will be happy to help you in your choice** — Contact Us!

***IMPORTANT! —** See how to choose your Foil Thrust Wing

The TAKUMA® Kujira foil thrust wing — Simply a revolution!

Watch this video on TAKUMA®'s inspiration for a design that has become a hit in the foiling world.



About the experience!

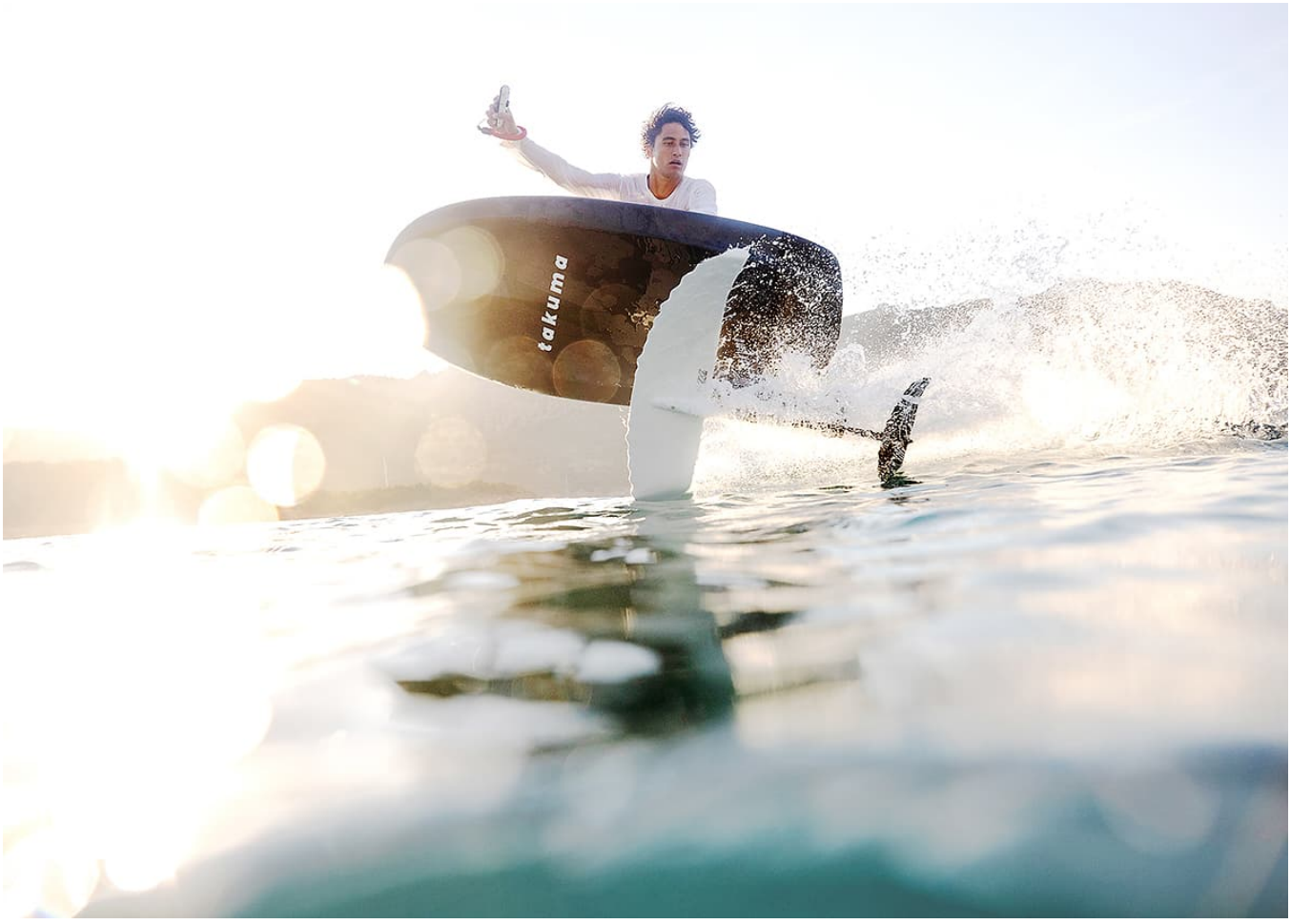
Experience the exhilarating experience of flying silently above the water in complete

freedom without the need for wind or waves.

The TAKUMA® eFoil Carver Jet® is fast and extremely engaging for the water sports athlete and also easy access for future champions..

Its modular system allows quick assembly and disassembly for transport and storage and the possibility of changing the foiling wing to adapt your eFoil to your skills or conditions.

Engineering based on real-world testing coupled with uncompromising premium construction from well-known builders (YAMAHA, SAMSUNG, Bb TALKIN' Action sports intercom Bluetooth …) which assures you reliability and pleasure, being the basis of the success and recognition of the TAKUMA® brand throughout the world.



VIDEOS — EFOIL CARVER®

Watch our videos, live the TAKUMA® eFoil Carver 2® experience

smartslider3[114]

SPECIFICATIONS

Technical details

Drive & batterie:

- **Autonomy:** about 70 - 90 minutes *(depends on your weight and usage conditions)*
- **Charging time:** approximately 2h00 *(220Vt)* +-2h30 - 3h *(110Vt)* with visible charge level.

- **Maximum speed:** +- 35km to 45km/h with the 1500 cm2 foil lift wing *(subject to the board used, size and conditions)*
- **Propulsion module:** High-velocity hydrodynamic **JET turbine** *(HO-V5)* with high efficiency **4000 Watt** *(4KW)* **brushless motor** developed by the famous manufacturer YAMAHA especially for TAKUMA® efoils.

- **Battery :** Li-Ion 43.2V - 35Ah developed by SAMSUNG especially for TAKUMA® eFoils— *Same cells as **TESLA®***
- **Remote control:** built specifically for TAKUMA® by Bb TALKIN' Action sports intercom Bluetooth with easy pairing and a built-in safety system that shuts down the board when the remote is dipped underwater or if there is a loss of communication.
- **Clear indication of battery charge** with visual and vibrating low charge warning.

Construction:

• **The** TAKUMA® Board

- Lightweight EPS *(expanded polystyrene foam)* core and fibreglass layers
- High-density PVC foam on the entire standing surface
- Shell and rail reinforcements and carbon fibre handles

CARBON FIBER

DR
DECK REINFORCEMENT

• **Thruster and foil assembly**

- **Foil lifting front wing, rear stabilizer wing & fuselage:** Carbon Fibre
- **Mast and attachment points:** high grade anodized aluminum
- **Propeller:** high grade anodized aluminum

ALUMINIUM ANODIZED

TO NOTE!

EPS foam *(expanded polystyrene foam)*?

EPS foam is used in modern quality surfboard construction and has big benefits
Advantages:

- A lighter eFoil, which makes the efoil more responsive and also provides better buoyancy allowing for quick starts and facilitating more extreme maneuvers..
- better structural integrity protecting your board against hard impacts and deformation
- EPS foam, unlike cheap alternatives, is recyclable.

eFoilSurf® & TAKUMA® — We are serious with the environment!

Please, contact us **before disposing of a TAKUMA® product — We can help!**
TAKUMA® has developed ways to recycle most of the constituent elements of its products to do its part in protecting the environment..
Batteries, motors, boards, masts, foils, remote controls, wings, etc.

takuma®
RECYCLAGE

BR
BATTERY RECYCLING

I RECYCLE ! — Get informed

Dimensions and weight

Dimensions

- **Board:** 62” x 28in - 157.4cm x 71.1cm — Volume of 120L
- **Fuselage :** 25.6in — 65cm
- **Length from mast to motor:** 26.6in — 65cm / **Total length:** 32in — 81.2cm

Choice of foil thrust wings (same price)

• **Front foil lift wings** Kujira Helium® *(carbon fiber)*
— **Kujira Helium 1500®** : — **Surface :** 590.6in^2 — 1500cm^2 — **Wingspan:** 35.8in — 910mm
— **Kujira Helium 1750®** : — **Surface :** 689in^2— 1750cm^2 — **Wingspan :** à venir !

— Kujira 1210®**:** — **Surface :** 476.4in^2— 1210cm^2 — **Wingspan :** Coming soon !

• **Rear Stabilizer Wing** Kujira®
— Kujira® : 7in — 178mm ou 8.7in — 220mm *(according to front wing)*

Weight

- **eFoil Weight:** 20.9lbs — 9.5kg
- **Min ESC JET:** 3.7lbs —1.7kg
- **Mast/propulsion/foil:** 14.9lbs — 6.8kg
- **Battery weight 35Ah:** 25.1lbs — 11.4kg
- **Battery weight 25Ah:** 22.8lbs — 10.4kg
- **Total weight with battery pack 35Ah:** 64.6lbs — 29.3kg

Delivered with

Delivered with:

- Carver 2 JET Takuma® **Board** *(Canadian version)* with magnetic safety kiil-switch and leash.
- Yamaha® High-Velocity Hydrodynamic Turbine *(HO-V5)* JET Propulsion
- **HD** aluminum propulsion mast *(reinforced)*
- Board carry bag and propulsion carry bag
- JET® Mini ESC Speed Controller by BBTalkin®
- **V3 Bluetooth** BBTalkin® remote control and charger
- 35Ah battery pack and rapid charger by SAMSUNG®
- **HD** fuselage with front/rear foil lift wing
- Antenna clips (2)
- Box of screws and TefGel® *(anti-corrosion and anti-seize protection gel)*
- Instruction manual.

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• Rear stabilizer wing Kujira®
— Kujira® : 7in — 178mm ou 8.7in — 220mm *(according to front wing)*

• Help tables are for reference only .

Let eFoilSurf® Guide You in your Choice!

(514) 990-0255 — experience@efoilsurf.ca

***IMPORTANT ! —** See how to choose your foil thrust wingl

Other advantages offered by eFoilSurf® on our eFoils JET Takuma® Canadian version

- The **Canadian efoil** JET Takuma® kit comes with a 35Ah battery *(added value of $600)* compared to the 25Ah battery pack offered worldwide.
- EFoilSurf® replaces the ordinary mast with a more efficient **HD 65cm mast** *(added value of $200)* as well as an **HD 65 fuselage** *(added value of $80)*
- The **JET package** includes a choice of Kujira Helium® **1500** cm^2 or **1750** cm^2 foil or a Kujira® **1210** cm^2 foil. *(at the same price).*
- Also, in the **Canadian JET package**, we offer the **front and rear wings protection cover** *(added value of $275).*

Videos and instruction manuals

Instruction Manuals :

Flyer Efoil 515.02 KB
Technical details of the eFoil Takuma130.52 KB
eFoil Cruising Takuma® User Manual6.01 MB

Videos :

Important Videos on Use and Safety for your TAKUMA® eFoil®

The basics of eFoil control and security

Learn how to set up, pair and charge your remote control

Product Gallery



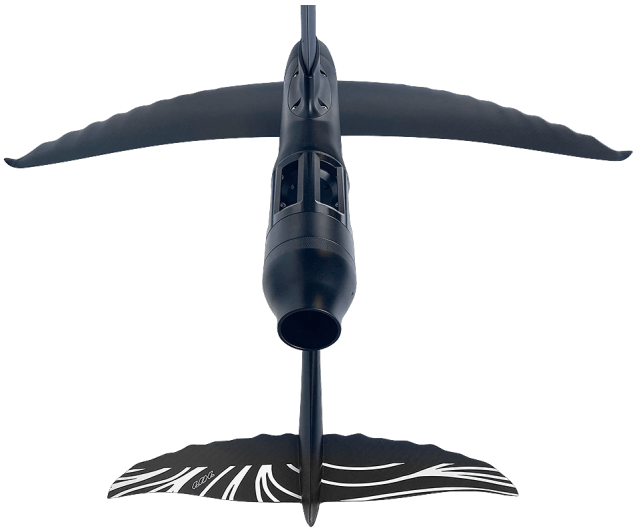













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