



WHAT'S NEW



Duotone

The Electric Foil Assist

2026



"We designed the Foil Assist to deliver an unmatched riding experience, opening doors to new sensations and disciplines, pushing each rider's limits, all while preserving the purity and true essence of foiling."

unique remote design keeps your hands free, making it ideal for paddling, popping up, duck-diving, or holding a wing.

The Duotone Foil Assist is compatible with all foils, especially the Duotone Free, Glide, and Crest models, as well as all wing and prone boards featuring standard US foil tracks. To maximize

battery runtime with your Foil Assist, we recommend using a front wing with a surface area of 900 cm² or larger, along with a board that has a minimum volume of 35 L. We have developed a dedicated mid-length foilboard that offers extra benefits when paired with the assist mast. This versatility enables a broad range of applications, whether you're prone foiling in waves, wing foiling in light winds, cruising on flat water, or going for fun downwinders.

For newcomers, the Foil Assist simplifies the learning process, making it easier to get on foil and execute takeoffs in waves. Experienced riders will appreciate its ability to provide smoother rides with less effort, allowing them to avoid

strenuous paddling and pumping when getting back out to catch the next wave. They will also be able to ride smaller foils, catch more waves, and tackle downwinders with ease while reaching swells farther from shore.

With the Duotone Foil Assist, you can significantly increase your time on the water, transforming mediocre conditions into exciting sessions. Explore new areas with ease, ride wave after wave, and enjoy extraordinary sessions without physical fatigue.

Experience the joy of foiling like never before with the Duotone Foil Assist!



Cyril Coste
Foil Assist Developer

Introducing the Duotone Foil Assist, an innovative solution that addresses the challenges of existing foil assist systems. This cutting-edge system is lightweight and seamlessly integrated, consisting of three mast options, a harness with battery box, and a watch ring remote. This setup keeps the battery weight close to your body, allowing you to foil with only little extra weight on your mast and board. Moreover, the Duotone Foil Assist offers increased torque and thrust, enabling you to get on foil even sooner and use smaller foil sizes. The

⚡
Range
of use



- Prone
- Downwind
- Wing Foil
- Wake
- Cruising



Highlights

The Electric Foil Assist 2026

Overview



The Highlights

Drag-free design and easy setup

The motor pod is seamlessly integrated into the mast profile and positioned just behind the leading edge. Combined with the internal cable routing, this ensures maximum maneuverability and minimizes drag, even during touchdowns. All masts mount to your board and foil just like a conventional setup - quick, clean, and simple.



High-performance motor with folding propeller

Customize your ride with different propellers (two or three blades, in plastic or aluminum) to dial in your perfect setup. Choose between powerful assistance that enables you to ride smaller foils and perform sharper turns, or go for a smoother boost for easy takeoffs and foiling. The folding gear propeller minimizes drag for effortless glide on the wave. Its integrated gear system allows the propeller to unfold instantly, delivering a seamless transition as you kick out of the wave and power back out.



Minimizing drag & weight

To keep your board-and-foil setup light and perfectly balanced, the batteries are integrated into a lightweight, buoyant harness. Its ergonomic design allows for a full range of movement. The plug-in battery system makes installation and swapping effortless. Placing the batteries on the body also offers a major advantage: optimal signal transmission to and from the remote for consistent power output.



Compatibility

Our Assist Masts are compatible with all foilboards that use standard US foil tracks. The aluminum masts can also be paired with fuselages and wing sets from other brands using our fuselage adapters. We recommend using a mid-length board of at least 35 L and a 900 cm front wing. Lighter or more experienced riders can size down to their preferred foil size, but please note that smaller foils increase battery consumption.



Watch Ring Remote

The Foil Assist Remote - a smartwatch-style controller with a finger ring - keeps your hands free for paddling, duckdiving, popping up, or wing handling. Activate the motor with a double-click, then fine-tune your speed with simple plus and minus controls.



Complete, lightweight, stylish set at an attractive price point

We offer a comprehensive, extremely light all-in-one package, including the Foil Assist set, board, fuselage, and wing set, all at a competitive price, even when adding an additional set of batteries for more runtime. The fully integrated mast and stylish design contribute to a clean and premium aesthetic.



Compact, travel-friendly batteries

Our lithium high-voltage batteries (LiPo) are specially designed for the Duotone Foil Assist system. With a capacity of 7 Ah and an energy content of 159.6 Wh - just under the 160 Wh limit - they comply with airline regulations. To operate the Foil Assist, two batteries are required. They provide an approximate runtime of 30 to 60 minutes, influenced by various factors.



Charger – fast charging & battery protection

The Foil Assist Charger powers up both batteries in under an hour, getting you back on the water in no time. It can also discharge the batteries to an optimal storage level to help prolong battery life.



Midfish Foilboard

The Midfish Foilboard is available in seven sizes (32 to 98 L), while the smaller sizes are surf-oriented and super playful in waves and bumps, the larger sizes offer great stability for Cruising sessions. The Midfish was specifically designed for the Foil Assist. Its mid-length shape with a narrow outline and wide fishtail gives you offset foot placement, added stability, and extra drive through takeoff. It also keeps the power cable neatly tucked and out of the way while riding.

Foil Assist Products

2026



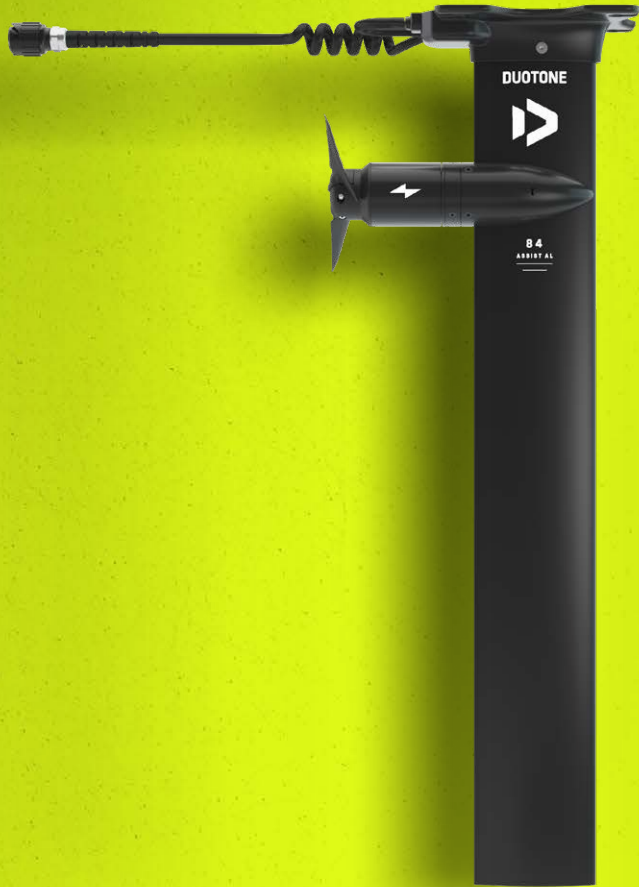
ITEM NUMBERS - FOIL ASSIST AL SET: 40260-4001 MAST AL SET: 40260-6300 MAST AL (W/O MOTOR): 40260-6303

Duotone

Foil Assist Mast AL

Prone / Downwind

What's New



The aluminum Foil Assist Mast is designed to enhance your foiling experience by combining power, maneuverability, glide, and modularity. With a single size of 84 cm, this mast is ideal for prone and downwind foiling and also works well for wake foiling in tanker waves and wing foiling in light winds.

At the core of this mast is a motor pod that is seamlessly integrated into the mast profile, positioned 17 cm below the top plate. This integration not only enhances aesthetics but also contributes to performance. The mast features internally routed cables, ensuring optimal glide and maximum maneuverability. Its rigid, surf-inspired profile provides precise control and instant responsiveness while minimizing drag for smoother, more efficient sessions.

Customize your ride with different propellers — two or three blades, in plastic or aluminum — to dial in your perfect setup. Choose between powerful assistance that enables you to ride smaller foils and perform sharper turns, or go for a smoother boost for easy takeoffs and foiling. The folding gear propeller minimizes drag for effortless glide on the wave. Its integrated gear system allows the two-blade propeller to unfold instantly, delivering a seamless transition as you kick out of the wave and power back out.

The placement of the receiver in the battery box on the harness ensures optimal signal transmission to and from the remote, providing reliable power throughout your session. This effectively addresses a common pain point associated with foil assist products.

Every component in the Foil Assist system is cross-compatible with the other emast options, so you can expand your setup as you progress. With a range of fuselage adapters, including ten non-Duotone options such as F-One, Armstrong, Gong, Axis, Lift, North, Code, Sab, AFS, and KT, the Foil Assist integrates easily with most foil systems. It also mounts to any foilboard featuring standard US foil tracks, enhancing its versatility.

To maximize battery runtime with your Foil Assist, we recommend using a front wing with a surface area of 900 cm² or larger, along with a board that has a minimum volume of 35 L.

SIZE	
84 CM	
THE FOIL ASSIST SET AL INCLUDES	
•	FOIL ASSIST MAST AL WITH MOTOR, BELL, PLASTIC PROPELLER, MAST COVER, AND MOTOR BELL & PROPELLER COVER
	SCREWS AND TOOLS
	CONNECTOR CABLE AND LEASH
•	CABLE FASTENER V, CABLE FASTENER 3M (4PCS)
	EXTRA EPROPELLER 2-BLADE REGULAR
	HARNESS SET
•	REMOTE WATCH RING SET
	BATTERY CHARGER SET
	2 × BATTERIES AND BATTERY BAG

Key Features

LOW DRAG THROUGH SEAMLESS INTEGRATION
The fully integrated motor pod, fixed at 17 cm below the top plate, and internally routed cables optimize glide and maneuverability, while allowing for easy assembly.

STIFF ALLOY MAST FOR A DIRECT RESPONSE
The stiff alloy mast features a rigid, surf-inspired profile that ensures precise control and instant responsiveness, minimizing drag for smoother and more efficient sessions.

HIGHLY MODULAR
Every component in the Foil Assist system is cross-compatible with the other emast options. With a range of fuselage adapters, including ten non-Duotone options such as F-One, Armstrong, Gong, Axis, Lift, North, Code, Sab, AFS, and KT, the Foil Assist integrates easily with most foil systems. It also mounts to any foilboard featuring standard US foil tracks, enhancing its versatility.

DIFFERENT BOOST OPTIONS
Customize your ride with different propellers — two or three blades, in plastic or aluminum — to dial in your perfect setup. Choose between powerful assistance that enables you to ride smaller foils and perform sharper turns, or go for a smoother boost for easy takeoffs and foiling.

FOLDING GEAR PROPELLER FOR LOW DRAG
The folding gear propeller minimizes drag for effortless glide on the wave. Its integrated gear system allows the two-blade propeller to unfold instantly, delivering a seamless transition as you kick out of the wave and power back out.

CONSISTENT PROPULSION AND OPTIMAL SIGNAL
The placement of the receiver in the battery box on the harness ensures optimal signal transmission to and from the remote, providing reliable power throughout your session.

Recommended Board & Foil Setup

Midfish
Skybrid (SLS and D/LAB)
Crush SLS (35 L)

Duotone Adapter Fuselage
Fuselage Aero Tail D/LAB
Fuselage Aero AL 3BS

Crest D/LAB
Glide 2.0 D/LAB
Glide 2.0 SLS

Back Wing Stabilizer S
Back Wing Stabilizer H

WARNING: Due to safety reasons concerning the propeller, please do not use the assist masts with a pump board or a prone board that has a foil box position close to the tail.



What's New 2026

Foil Assist Cruise Mast AL

Cruising

What's New

The Foil Assist Cruise Mast is designed for beginners and intermediate foilers, making it an excellent choice for those looking to get into the sport of foiling or advance their skills, as well as for schools. With a length of 80 cm, this mast is slightly shorter than the Foil Assist Mast AL, enhancing its suitability for novices while still performing well in swell and choppy waters.

With the Foil Assist Cruise Mast AL, the motor pod is positioned lower on the mast, precisely 15 cm above the fuselage. Despite this adjustment, it retains all the features of the Foil Assist Mast AL, including internally routed cables that ensure better glide and maneuverability, and a rigid, surf-inspired profile for precise control and instant responsiveness, minimizing drag for smoother and more efficient sessions.

Equipped with a powerful folding gear propeller, the propeller opens and rotates only when activated and automatically folds when you release the ring-controller button, ensuring less drag and enhanced safety. If additional torque is needed, the plastic blades can be replaced with the aluminum blades (2- or 3-blade).

For added safety, the Cruise Mast AL also includes an optional propeller guard that attaches to the motor with three screws. It's especially recommended for riders new to electric foiling. Please note that the guard increases drag and energy consumption, reducing battery runtime; to counter this, we suggest using larger foil and board sizes.

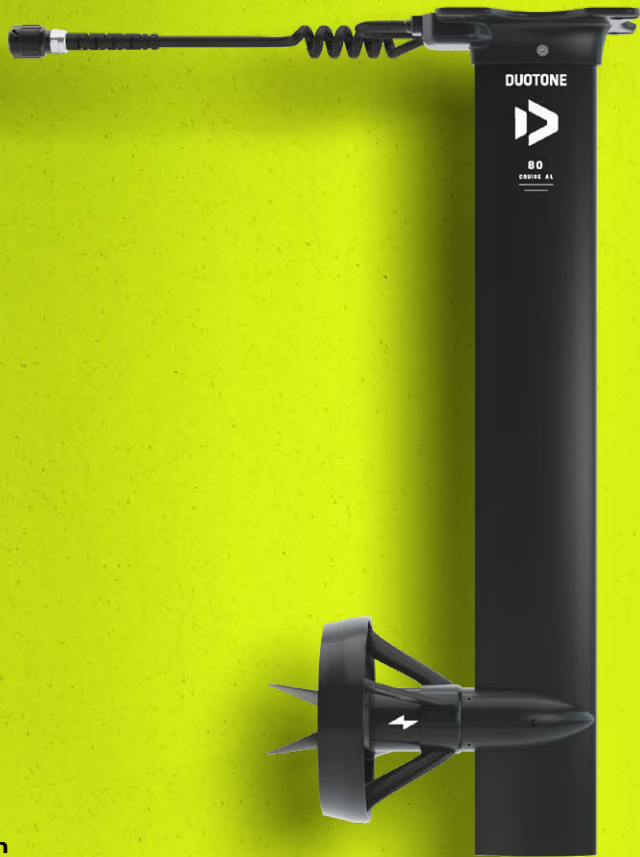
The receiver is located in the battery box on the harness, ensuring optimal signal transmission from the remote and providing reliable power throughout your session.

The batteries offer an average runtime of 30–50 minutes, depending on skill level, weight, conditions, chosen speed, and board and foil size.

Every component in the Foil Assist system is cross-compatible with the other mast options, allowing you to expand your setup as you progress. With a wide range of fuselage adapters - including ten non-Duotone options such as F-One, Armstrong, Gong, Axis, Lift, North, Code, Sab, AFS, and KT - the Foil Assist integrates easily with most foil systems and mounts to any foilboard using standard US foil tracks.

For beginners and schools, we recommend pairing the Foil Assist Cruise Mast with the Midfish Air board and mounting the battery box on the tail using the specially designed mounting plate (available in July 2026).

While the assist system does not offer the range or full integration of traditional eFoil, it is significantly smaller and lighter, enabling multiple configurations that dedicated eFoil cannot achieve. Most importantly, it works with your existing boards and foils. For longer sessions, we recommend purchasing an additional set of batteries.



SIZE

80 CM

THE FOIL ASSIST CRUISE SET AL INCLUDES

- FOIL ASSIST CRUISE MAST AL WITH MOTOR, BELL, PLASTIC PROPELLER, MAST COVER, AND MOTOR BELL & PROPELLER COVER
- SCREWS AND TOOLS
- CONNECTOR CABLE AND LEASH
- CABLE FASTENER V, CABLE FASTENER 3M (4PCS)
- EXTRA EPROPELLER 2-BLADE REGULAR
- PROPELLER GUARD
- HARNESS SET
- REMOTE WATCH RING SET
- BATTERY CHARGER SET
- 2× BATTERIES AND BATTERY BAG

Key Features

LOW DRAG THROUGH SEAMLESS INTEGRATION

The fully integrated motor pod, positioned 15 cm above the fuselage, and internally routed cables optimize glide and maneuverability while allowing for easy assembly.

STIFF ALLOY MAST FOR A DIRECT RESPONSE

The stiff alloy mast features a rigid, surf-inspired profile that ensures precise control and instant responsiveness, minimizing drag for smoother and more efficient sessions.

HIGHLY MODULAR

Every component in the Foil Assist system is cross-compatible with the other emast options. With a range of fuselage adapters, including ten non-Duotone options such as F-One, Armstrong, Gong, Axis, Lift, North, Code, Sab, AFS, and KT, the Foil Assist integrates easily with most foil systems. It also mounts to any foilboard featuring standard US foil tracks, enhancing its versatility.

EFOIL SETUP

For beginners and schools, we recommend combining the Cruise mast with the Midfish Air, as it is a safer and more durable board. Additionally, it allows for the battery box to be placed on the tail of the board, providing an alternative option to the harness.

POWERFUL FOLDING PROPELLER FOR MINIMIZED DRAG AND SAFETY

The powerful folding gear propeller only rotates when the motor is engaged, ensuring less drag and enhanced safety during use. For additional torque, you can replace the plastic propeller blades with the SLS propeller blades made out of aluminium.

CONSISTENT PROPULSION AND OPTIMAL SIGNAL

The placement of the receiver in the battery box on the harness ensures optimal signal transmission from the remote, providing reliable power throughout your session. The batteries offer an average runtime of approximately 30 - 50 minutes.

PROPELLER GUARD ENSURES SAFETY

The optional propeller guard attaches easily to the motor with three screws, providing an added layer of safety, especially for beginners.

Recommended Board & Foil Setup

ePropeller Guard Cruise

Midfish / Midfish Air
Skybrid / Skybrid SLS / Skybrid Air

Duotone Adapter Fuselage
Fuselage Aero AL 3BS
Fuselage Aero Tail D/LAB

Free 2.0
Glide 2.0 SLS
Glide 2.0 D/LAB
Crest D/LAB

Back Wing Stabilizer PX
Back Wing Stabilizer H
Back Wing Stabilizer S

WARNING: Due to safety reasons concerning the propeller, please do not use the assist masts with a pump board or a prone board that has a foil box position close to the tail.



Foil Assist Mast D/LAB

Prone / Downwind

What's New

The Foil Assist Mast D/LAB sets a new standard for powered foiling, delivering an exceptionally smooth ride from takeoff to touchdown.

Measuring 84 cm, this eMast is particularly well-suited for prone and downwind-oriented riders, but can also be used for wake foiling in tanker waves and for light wind wing foil sessions.

Made from carbon, this mast is the lightest and most sophisticated option available in the Foil Assist lineup. The motor pod is molded seamlessly into the mast's profile at 17 cm below the top plate, minimizing drag, even during touchdowns. Crafted for unparalleled performance and control, the D/LAB mast has a slim, low-drag profile that ensures playful and precise turning, exceptional rigidity, and maximum speeds. Constructed with High Modulus Carbon fiber and optimized fiber orientation, the D/LAB Mast achieves superior bending and torsional stiffness. Additionally, its drag-optimized base plate design significantly reduces resistance during takeoff and landing, while the tapered chord length and thickness maximize strength while minimizing drag.

Customize your ride with different propellers — two or three blades, in plastic or aluminum — to dial in your perfect setup. Choose between powerful assistance that enables you to ride smaller foils and perform sharper turns, or go for a smoother boost for easy takeoffs and foiling. The folding gear propeller minimizes drag for effortless glide on the wave. Its integrated gear system allows the two-blade propeller to unfold instantly, delivering a seamless transition as you kick out of the wave and power back out.

The placement of the receiver in the battery box on the harness ensures optimal signal transmission from the remote, providing reliable power throughout your session.

The D/LAB eMast is slightly less modular than the aluminum masts, as it features a molded 3BS connection and is thus only compatible with Duotone or the specially designed fuselage for Armstrong foils. The carbon mast can be attached to any brand's foilboard that utilizes standard US foil tracks. For optimal performance, we recommend combining the D/LAB Mast with the Duotone Midfish foilboard.



SIZE
84 CM
THE FOIL ASSIST SET D/LAB INCLUDES
• FOIL ASSIST MAST D/LAB WITH MOTOR, BELL, PLASTIC PROPELLER, MAST COVER, AND MOTOR BELL & PROPELLER COVER • SCREWS AND TOOLS • CONNECTOR CABLE AND LEASH • CABLE FASTENER V, CABLE FASTENER (4PCS) • EXTRA EPROPELLER 2-BLADE REGULAR • HARNESS SET • REMOTE WATCH RING SET • BATTERY CHARGER SET • 2 × BATTERIES AND BATTERY BAG



Key Features

LOW DRAG THROUGH SEAMLESS INTEGRATION
The motor pod is molded seamlessly into the mast's profile at 17 cm below the top plate, minimizing drag, even during touchdowns.

MODULAR DESIGN
Every component in the Foil Assist system is cross-compatible with the other emast options. The Foil Assist Mast D/LAB features a molded 3BS connection and is compatible with all Duotone foils and the specially designed fuselage for Armstrong foils. It attaches to any brand's foilboard using standard US foil tracks.

DIFFERENT BOOST OPTIONS
Customize your ride with different propellers — two or three blades, in plastic or aluminum — to dial in your perfect setup. Choose between powerful assistance that enables you to ride smaller foils and perform sharper turns, or go for a smoother boost for easy takeoffs and foiling.

CONSISTENT PROPULSION AND OPTIMAL SIGNAL
The placement of the receiver in the battery box on the harness ensures optimal signal transmission from the remote, providing reliable power throughout your session.

EXTREMELY LOW DRAG
The slim and extremely low drag profile ensures maximum performance for the intended foiling discipline. The super slim base plate design minimizes drag while pumping up on the foil, landing and touching down significantly.

TURNING BEHAVIOR
The riding characteristics of the Mast Slim 2.0 D/LAB remain extremely playful. The High Modulus Carbon fiber enables precise turning.

RIGIDITY
Tested to its limits and approved by our Pro Team, the Mast Slim 2.0 D/LAB is our most rigid High Modulus Carbon mast yet.

Recommended Board & Foil Setup

Midfish
Crush SLS (35 L)

Fuselage Aero Tail D/LAB
Monobloc Tail PX D/LAB
Monobloc Tail S D/LAB

Crest D/LAB
Glide 2.0 D/LAB

Back Wing Stabilizer S
Back Wing Stabilizer H

WARNING: Due to safety reasons concerning the propeller, please do not use the assist masts with a pump board or a prone board that has a foil box position close to the tail.

Watch Ring Remote



SIZE

ONE SIZE

(XL WRIST BAND AND 1 SET OF RING CUSHIONS FOR A SMALLER INDEX FINGER AVAILABLE WITH THE REMOTE SET)

New

Ring XL



THIS RING CABLE ATTACHES TO YOUR FINGER WITH VELCRO, ALLOWING YOU TO USE IT WITH GLOVES OR IF THE STANDARD RING IS TOO TIGHT. IT MUST BE PURCHASED SEPARATELY.

Watch Features

SPEED LEVEL

Instantly check your current speed level (0-7) at a glance.

BATTERY LEVEL OF THE FOIL ASSIST

Monitor the charge status of your Foil Assist batteries.

REMOTE BATTERY LEVEL

Keep track of the charge status of your remote control.

CONNECTION STATUS

Easily see if your remote is connected to the battery receiver.

OPERATING MODE

Unlock seven speed levels instead of five with Boost Mode.

User-Friendly Design

The Foil Assist Remote Control combines a smartwatch-style controller with a finger ring. This innovative design allows you to keep your hands free while pushing yourself up from the board, paddling, duck diving, or handling your wing.

The remote control is intuitive to use and ensures along with the receiver in the battery box reliable signal transmission to the ESC/motor. With the + and - buttons on the ring controller, you can easily adjust your speed. Hold down the + or - button to maintain a specific speed. To stop the motor, simply release the ring controller.

The Remote Set comes with a watch and Velcro wristband (plus a spare XL wristband), two ring controllers (one as a spare), a USB-C charging cable (without wall plug), and two thick ring cushions for smaller index fingers.

Safety Measures

There are two safety systems built into the remote to ensure that the motor starts and stops as intended. To activate the motor and switch from speed 0 to speed 1, you must double-click the + button on the ring controller. This prevents the motor from being activated by accidental clicks. To stop the motor while using the Foil Assist, simply release the ring controller (+ or - button). We recommend practicing the release of the ring controller several times at the beginning to ensure you stop the motor immediately in case of a fall. Please note that the wireless signal may be lost if the remote is submerged, so place your hands on the nose of the board when rising to a standing position.

Harness With Battery Box



SIZE

S - M (WAIST MEASUREMENTS: 71 - 89 CM / 28" - 35")
L - XXL (WAIST MEASUREMENTS: 89 - 114 CM / 35" - 45")

Innovative battery placement for a better foil feeling

Unlike conventional systems that mount the batteries on the mast top plate or the board, the Duotone Foil Assist batteries (2 x 1 kg) are placed in a waterproof box attached to a comfortable waist harness. This arrangement ensures that the board-foil setup remains perfectly balanced despite the motor, preserving the pure feel of foiling as much as possible. A backpack with batteries has the disadvantage of placing weight on the shoulders, which can disrupt balance during turns and quick movements. With the harness, the weight sits on the hips, where it does not affect your balance, and you have full freedom of movement in your upper body. You will hardly notice the weight of the harness (approximately 3.76 kg, including the box and batteries) after just a few minutes.

The connection between the batteries and the motor is made via a cable that runs along a shorter leash from the battery box to the top plate of the mast. The

board leash is attached below the cable port of the battery box to the harness. The receiver for the remote control is mounted in the lid of the battery box, ensuring a more reliable connection between the remote and the motor, as the signal is not disrupted by water.

The eHarness has been designed with a clear focus on safety and user-friendliness. The magnetic buckle and the Velcro neoprene strap allow for quick and easy removal. With the adjustable buckle, you can customize the harness to fit your individual waist size. If you need to detach the harness underwater, you can easily do so with a quick tug. Additionally, the harness is made from non-water-absorbing materials and features built-in buoyancy, allowing it to float independently and not pull you down in the water. To prevent the battery box from opening under water pressure, it is protected with a neoprene cover that can be opened using a large zipper.

ITEM NUMBER: 40260-6704

Batteries



Battery Characteristics

TYPE	VOLTAGE	WEIGHT
LiPo	22.8V × 2	1 kg X 2
CAPACITY	ENERGY	
7Ah	159.6 Wh X 2	

The battery runtime depends on several factors, including your skill level, weight, riding conditions, board size, used speed level and the efficiency of the foil you have mounted; it ranges between 30 and 60 minutes.

Our lithium high-voltage batteries were specifically engineered for the Duotone Foil Assist system and ensure consistent power output throughout use, providing reliable and powerful assistance for a fun ride. Please note that you need to plug in two batteries to make the Foil Assist work.

Designed with travel in mind, our batteries comply with air travel regulations, featuring a capacity of 159.6 Wh - just under the 160 Wh limit for air transport*. This means you can take your Foil Assist system anywhere, opening up access to new spots you never imagined and making your foiling experience truly limitless.

We advise investing in an additional set of batteries. This allows you to extend your foil sessions, making them last as long as you do.

ITEM NUMBER: 40260-6700

Charger



The Charger was specially designed for our Duotone Foil Assist batteries and can hold up to two batteries at once. **Charge your batteries in less than an hour and be back on the water in no time!**

If you don't plan to use the batteries again that day, we recommend charging or discharging them to about 50% (2-3 LED lights). This prevents over-discharge and ensures they last longer. Another advantage of this charge level is that you will need less time to fully recharge the batteries.

The charger set includes a docking station and an adapter cable. To ensure you can easily plug the charger into your outlet, it comes with a suitable plug or adapter for your region (EU, USA, Australia, and the United Kingdom).



Fuselage Adapters



Both aluminum masts are compatible with fuselages and wing sets from Duotone, as well as from F-One, Armstrong, Gong, Axis, Lift, North, Code, Sab, AFS, and KT.

Please note that the fuselage adapter is not included in the Foil Assist (mast) sets and must be purchased separately, including the Duotone adapter.

For Armstrong foil users, we have developed a specific fuselage with a 3BS connection, ensuring compatibility with the D/LAB mast and the Duotone adapter on the aluminum masts.

All Duotone fuselages can be easily mounted on both the D/LAB mast and the Duotone adapter for the aluminum masts.

See the full adapter list on page 35.

*Please note that some airlines may have different battery watt-hour limits, so kindly check this before booking your flights. Approval from the airline needs to be obtained prior to the journey to ensure a smooth trip.

Midfish Foil Assist Board

Prone / Downwind / Wing Foil / Cruising

What's New

The Midfish is our go-to assist board for prone, downwind and wing foiling as well as flatwater cruising.

It features a mid-length shape with a narrow outline, designed for powerful carves while maintaining total control. Thanks to its slim design, the connection to the foil is direct, offering an outstanding responsive feel. The low rocker contributes to a flatter surface area, providing greater stability while riding and making it easier to get up on the foil.

Constructed with full carbon and reinforced with PVC in the standing area, the Midfish Foilboard is both strong and stiff, while remaining lightweight. This stiffness provides optimal control and responsiveness from the foil, allowing for precise maneuvers.

The fishtail design not only enhances stability and provides extra push during takeoffs, but it also keeps the cable and leash securely in place and out of the way while foiling. The wider tail gives you offset foot placement.

The forward foil box position makes the board feel shorter and livelier on the foil, providing maximum maneuverability and a hyper-connected feel that allows you to easily navigate through tight turns and quick transitions.

The optimized volume distribution, along with a lowered front foot deck, enhances balance and ensures perfect pressure between the front and back foot, resulting in smooth, controlled touchdowns. The V-bottom concave improves comfort during landings, facilitates efficient takeoffs, and helps reduce energy consumption, making your rides more enjoyable.

On the Midfish 58 L, 68 L, 78 L and 98 L models, front footstrap inserts allow for both straight and V-strap setups, so you can choose the option that best suits your style.



SIZES

New

5'0" × 17 3/4" × 2 3/4" (32 L)

5'2" × 18 1/16" × 3 1/16" (38 L)

5'5" × 19 3/4" × 3 5/8" (48 L)

5'8" × 20" × 4" (58 L) (WITH FRONT FOOTSTRAP INSERTS – STRAIGHT AND V POSITION)

New

5'10" × 20 1/2" × 4 5/16" (68 L) (WITH FRONT FOOTSTRAP INSERTS – STRAIGHT AND V POSITION)

5'11" × 22" × 5" (78 L) (WITH FRONT FOOTSTRAP INSERTS – STRAIGHT AND V POSITION)

New

6'3" × 23" × 5" (98 L) (WITH FRONT FOOTSTRAP INSERTS – STRAIGHT AND V POSITION)



Key Features

MID-LENGTH DESIGN WITH A LOW ROCKER

The mid-length design with a low rocker maximizes takeoff efficiency while ensuring a smoother and more controlled ride.

NARROW OUTLINE

The narrow outline enhances responsiveness, making the board highly agile and well-suited for surf foiling and dynamic carves while maintaining stability for smooth transitions.

FORWARD FOIL BOX POSITION

The foil box placement is slightly forward, offering comfortable and balanced takeoffs while keeping the ride light and responsive.

V-BOTTOM CONCAVE

The V-bottom concave improves comfort during touchdowns, facilitates efficient takeoffs, and helps reduce energy consumption.

OPTIMAL VOLUME DISTRIBUTION

Optimized volume distribution with a lowered front foot deck enhances balance, ensuring perfect pressure between the front and back foot for smooth, controlled touchdowns.

FISHTAIL DESIGN

The fishtail design improves stability and provides extra push during takeoffs while also keeping the cable and leash securley in place and out of the way.

ITEM NUMBER: 40260-3601

Midfish Air Foil Assist Board

Cruising / Wing Foil

What's New

The Midfish Air offers the perfect balance of safety, comfort, and performance.

Its inflatable construction makes it lightweight, durable, and impact-resistant, making it ideal for both learning and traveling. With its generous volume of 115 L, narrow mid-length shape, and fishtail design, the Midfish Air provides effortless takeoffs and precise control in the air. The extended fishtail also enhances safety by providing protection from the propeller. The long carbon foil tracks allow for a wide range of foil placement options while also reducing the overall weight of the board. Soft neoprene handles offer multiple carrying options for the board, making it easier to transport. The front handle serves as a helpful reference point for hand placement when getting up and can also be used for holding on while cruising in a lying or kneeling position on flat water.

When paired with the Cruise mast, the Midfish Air is perfect for flat water cruising sessions, delivering smooth rides.

For beginners in watersports or foiling, as well as for rental centers and schools, we recommend placing the battery box at the tail of the board instead of using the harness. This approach allows users to lie down, kneel, or stand freely without the cable and leash getting in the way, simplifying the process of mounting the board and standing up.

For this setup, the battery box will be attached to the D-Rings of the board using Velcro straps. It is positioned on a small mount to facilitate easy access for opening the lid of the box and installing or replacing the two batteries. To ensure that the signal from the remote to the receiver in the battery box is maintained even when the tail of the board is underwater, an antenna can be installed in a pipe beneath the footpad. For this configuration, the standard cable must be replaced with the shorter eFoil cable. The mount, the battery box with the antenna (which differs slightly from the standard harness battery box), straps and the eFoil connector cable are available as a complete set.

The Midfish Air comes complete with a pump and a compact, travel-friendly bag equipped with wheels and straps for easy transport.



SIZE

6'10" × 22 ½" × 5" (115 L)



Key Features

IDEAL FOR TRAVELING AND LEARNING TO FOIL

Ideal for travelers, entry-level foilers, rental centers, and schools, as it offers the perfect balance of safety, comfort, and performance.

INFLATABLE CONSTRUCTION FOR LIGHTNESS AND DURABILITY

The inflatable construction makes the board lightweight, durable, and impact-friendly, reducing risks during falls and making learning easier and more enjoyable.

GENEROUS VOLUME FOR EFFORTLESS TAKEOFFS

The Midfish Air provides effortless takeoffs and precise control in the air due to its generous volume, narrow shape, and fishtail stability.

LIGHT EFOIL SETUP

Build a lightweight eFoil setup by pairing the Midfish Air with the Foil Assist Cruise Mast. While the battery runtime is shorter compared to a traditional eFoil, the combination of the stable inflatable board and the smooth, gentle boost from the Cruise Mast makes it exceptionally easy to learn, get up on foil, and cruise around.

OPTIONAL BATTERY BOX PLACEMENT ON THE BOARD'S TAIL

For beginners in watersports or foiling, we recommend placing the battery box at the board's tail instead of using the harness. This approach allows users to lie, kneel, or stand freely, without managing cable and leash, and makes mounting the board and standing up even easier.



Duotone Lazepump

What's New

+ E-Pump for Kites, Wings, and inflatable boards

Power Up Faster, Ride Longer! The all-new Duotone E-Pump delivers game-changing inflation performance for every watersport enthusiast. This compact powerhouse efficiently inflates your kites, wings, and inflatable boards, freeing you from the exhaustion of manual pumping so you can focus on what matters most – maximizing your time on the water! Are you ready to revolutionize your pre-session routine? Because that's exactly what the Duotone Lazepump delivers! With impressive output capacity and versatile compatibility across all inflatable equipment, this essential accessory represents the perfect balance of performance, portability, and precision.

Experience unmatched convenience with the E-Pump's powerful motor that delivers precise inflation up to 1.4 Bar (20 PSI), ensuring optimal rigidity for peak performance. The integrated filter system protects against sand and debris, significantly extending your pump's lifespan even in challenging beach conditions. Weighing just 1.3 kg, this lightweight companion easily fits in your gear bag without adding unnecessary bulk.

The E-Pump's exceptional battery efficiency means you can inflate an impressive 10 kites (9 m²) to 10 PSI, 8 wings (5 m²) to 10 PSI, or 3 – 5 inflatable boards on a single charge. When it's time to power up, the quick 2 – 3 hour charging time ensures you're ready for your next session with minimal downtime.

Designed for riders who demand both performance and convenience, the Duotone Lazepump is the ultimate addition to your equipment arsenal. Simply the best solution for efficient, precise inflation across your entire quiver. The Lazepump delivers exceptional inflation performance for kites, wings, and inflatable boards in a compact, portable package. Simply the best solution for efficient, precise inflation with maximum convenience.



Key Features

Impressive Capacity: Inflate up to 10 kites (9m²), 8 wings (5m²), or 3-5 inflatable boards on a single charge.

Precise Pressure Control: Delivers accurate inflation up to 1.4 Bar (20 PSI) for optimal equipment performance.

Integrated Filter System: Protects against sand and debris for extended durability in beach environments.

Rapid Recharge: Quick 2-3 hour charging time minimizes downtime between sessions.

Ultra-Portable Design: Lightweight 1.3 kg construction for easy transportation and storage.

Universal Compatibility: Works seamlessly with all Duotone inflatable products and other brands.





Cyril Coste mastermind behind the Duotone Foil Assist

Cyril, a passionate water sports enthusiast from France and former professional kiteboarder, is the mastermind behind the innovative Duotone Foil Assist. With a decade-long career competing in the Freestyle discipline on the Kite World Tour, he transitioned to design and engineering while working for a kite company in Maui. Spoiled with world-class waves, Cyril also took up waveriding and eventually stand-up paddling to escape the crowds. In the early stages of foil development, he embraced kitefoiling and SUP foiling in waves, a time when prone and winging in waves didn't yet exist.

Totally addicted to the feeling of foiling, Cyril began developing foils and shortly after conceived a simple yet groundbreaking idea: to create a lightweight electric foil assist that would allow users to enjoy the glide of foiling anywhere, including flat water. This vision was



fueled by his desire to share the joy of foiling with others. Through relentless passion and innovation, he developed the concept behind the Foil Assist, ensuring it maintains the pure feel of foiling while overcoming the limitations of existing systems.

Now residing in Japan, Cyril leverages the local surf conditions for continuous product development and collaborates closely with Imai Homare, based in the R&D lab in Taiwan, and Terence Wang, our product manager, along with the Duotone R&D team located in Munich, Germany.

Our goal for the Duotone Foil Assist is simple: to share the exhilarating sensation of foiling with as many people as possible, ensuring that the Duotone Foil Assist opens the door to new adventures on the water.

Check out
our new
apparel
collection!

DUOTONE COLLECTION 2026

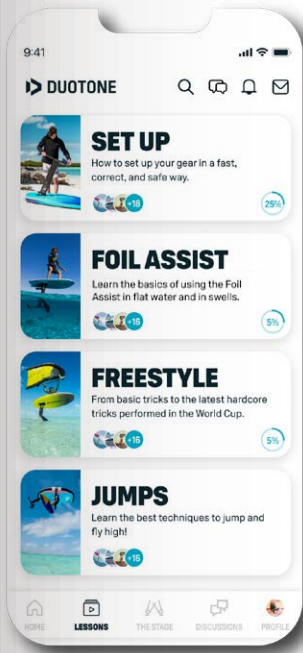




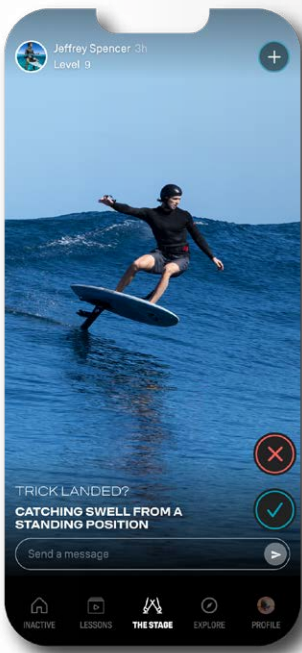
Learn how to use the Foil Assist in flat water and in swell

We are excited to announce the launch of the Foil Assist section within the Duotone Wing Academy App! This new addition will offer comprehensive video tutorials that guide users through all the essential aspects of using the Foil Assist. Perfect for both beginners and experienced foilers, these lessons will take you through everything from preparing for your first session - such as safely carrying your gear and entering the water - to getting up on the board, cruising, and foiling with the motor engaged and disengaged. You'll learn how to catch swell, kick out of waves, and prepare for your next ride.

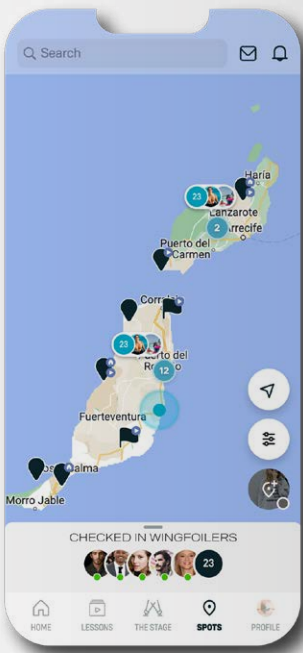
Additionally, we will provide valuable tips on assembling the Foil Assist, finetuning your gear, keeping it in top condition and how to handle the batteries properly.



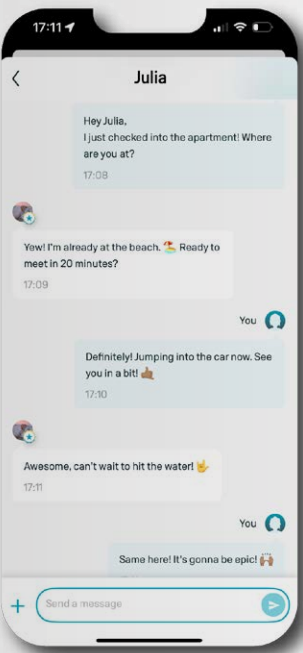
A new section for Foil Assist lesson videos is coming soon.



Get tips from the community on how to improve your Foil Assist skills.



Connect with the local foiling community and meet up for a fun session on the water.



Whether you're trying the Foil Assist for the first time or are new to foiling in general, these lesson videos will be a great tool to help you master foiling with electric propulsion. Best of all, all lesson videos will be available for FREE!

Join the vibrant Duotone community to elevate your skills, discover upcoming test events and clinics, connect with fellow riders, and gain expert insights from our pro riders.



Watch Ring Remote
Set & Spareparts



eRemote Watch Ring Set
40260-6500



eRemote Watch (only)
40260-6501



eRemote Ring (only)
40260-6502



eRemote Charging Cable
40260-6503



eRemote Ring XL (only)
40260-6504

Batteries & Charger
Set & Spareparts



Battery 7A Set (2Pcs)
40260-6704



Battery 7A (1Pcs)
40260-6701



Battery Charger Set*
40260-6700



Battery Smart Dock
40260-6703



Battery Charger Adapter*
40260-6702

eHarness & Battery Box Mounting Set
Set & Spareparts



eHarness Set
40260-4700



**eHarness
(w/o Box&Battery)**
40260-8000



**eHarness
Battery Box**
40260-8003



**Battery Box
Neoprene Cover**
40260-7206



Receiver
40260-6205



**Cruise battery box
mounting set**
40260-6210



**Battery box
mounting plate**
40260-6213



**Battery box with
antenna plug**
40260-6212



Wire antenna
40260-6211



**Battery box mounting
straps (4pcs)**
40260-6214



**Cable & Connector
for eFoil**
40260-8002



**Cable Fastener 3M
(4Pcs)**
40260-8005

Adapters & Fuselage
Duotone & Other brands



Duotone
40260-6600



F-One
40260-6601



Code
40260-6606



Sab
40260-6607



Axis
40260-6603



AFS
40260-6608



KT
40260-6609



North
40260-6605



Gong
40260-6602



Lift
40260-6604



**Fuselage for
Armstrong Foils**
40260-6800

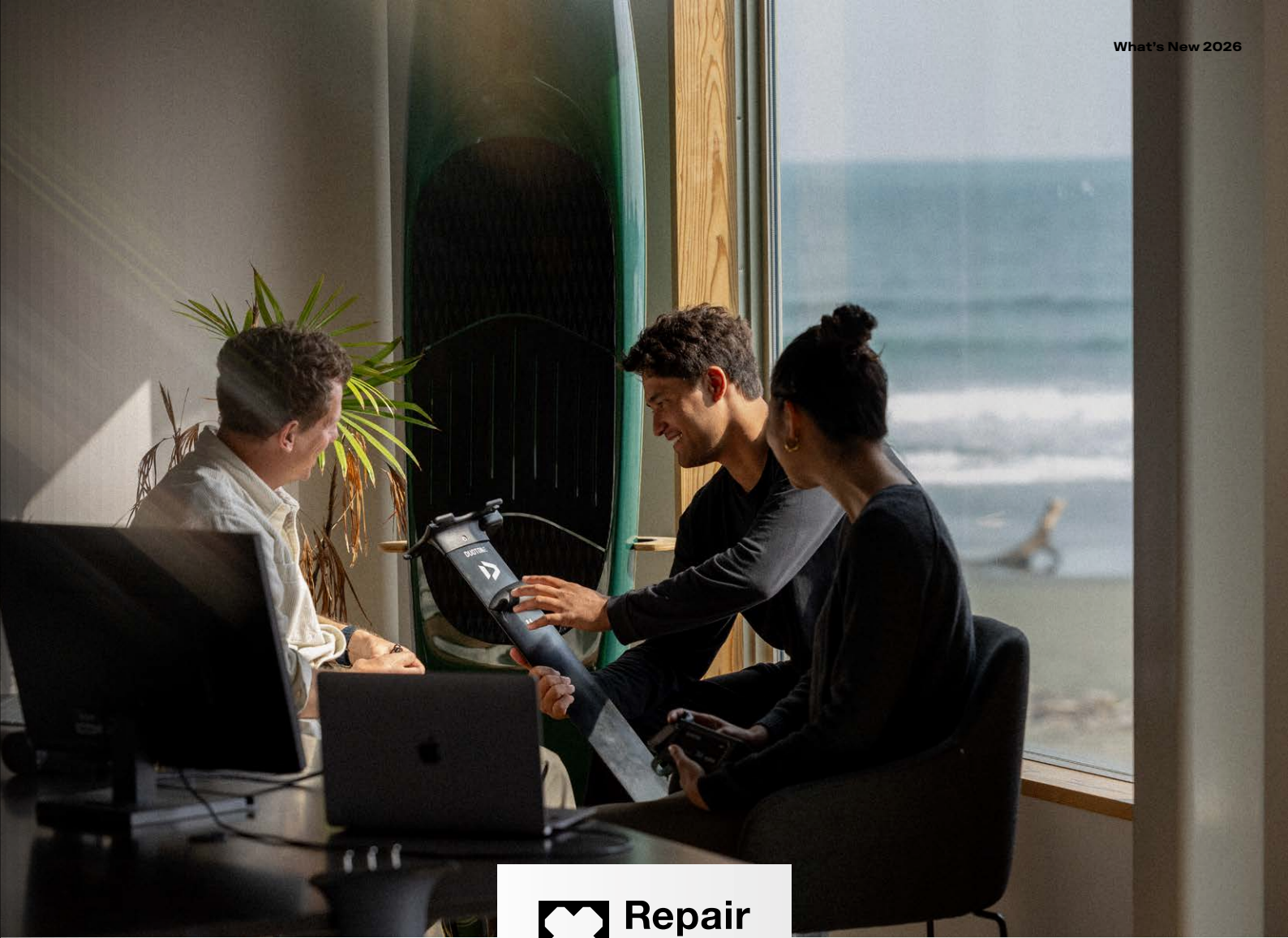
*Will come with a regional plug for specific regions
(EU, USA, AUS, and UK)

Service Helpcenter

Our Duotone Helpcenter is your go-to resource for using, maintaining and optimizing your Foil Assist setup. We understand that the Foil Assist requires a bit more care than conventional foiling equipment, and we're here to provide you with all the tips and tricks to keep it in top shape. With our detailed guides, you're empowered to perform minor replacements, ensuring your gear remains in peak condition.

Additionally, our Helpcenter will give you guidance on how to efficiently handle and store batteries, how to utilize the Foil Assist for different foiling disciplines and more.

At Duotone, we continuously strive to innovate and improve our services to better meet your needs. Your foiling experience is our top priority, and we're here to support you every step of the way.



Repair Shop Local Dealers & Online Support

All Duotone Foil Assist components can be easily replaced using our maintenance tool and screw sets. You'll find detailed installation instructions in the Helpcenter on our website and in the manual. You can also reach us via email at foilmarketing@duotonesports.com.

Spareparts
Finetuning & Repairs

Tools & Screws



Foil Assist
Maintenance Tools
40260-8007



Foil Assist
Maintenance Screws
40260-8008



Screw Set & Tools
40260-8090



Torx Tool Duo
42260-8308

Leash, Cable & Connector



Assist Male connector
with cables for top
plate (only)
40260-6207



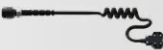
Assist AL Top Plate
with male connector
and cables
40260-6206



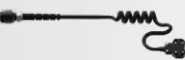
Cruise Male connector
with cables top plate
(only)
40260-6209



Cruise AL Top Plate
with male connector
and cables
40260-6208



Cable & Connector
for eHarness regular
40260-8001



Cable & Connector
for eHarness long
40260-8006



Leash for eHarness
40260-7200



Cable Fastener 3M
(4Pcs)
40260-8005



Cable Fastener V
40260-8004

Masts



eMast D/LAB
(w/o Motor)
40260-6305



eMast D/LAB Only
(w/o any electric parts)
40260-6306



eMast AL (w/o Motor)
40260-6303



eMast AL Cruise
(w/o Motor)
40260-6304

Motor, Bell & Propeller



Motor
40260-6203



Motor & Bell
40260-6201



Motor Bell with 2-Blade
Propeller Regular
40260-6200



ePropeller 2-Blade Mount
40260-6402



ePropeller 2-Blade SLS
(2pcs)
40260-6401



ePropeller 2-Blade Regular
(2pcs)
40260-6400



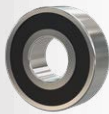
ePropeller 3-Blade SLS
with Mount
40260-6406



ePropeller 3-Blade SLS
(3pcs)
40260-6404



ePropeller 3-Blade
Mount
40260-6405



Bearing
40260-6204



ESC
40260-6202



ePropeller Guard Cruise
40260-6403



Motor Pod Cover
40260-7203



Front Footstrap Wingboards
incl. Screws (1pcs)
42240-8070



V-Footstrap incl. Screws
42250-7204

Choosing the right propeller for your Foil Assist

2-Blade Regular Propeller

The 2-Blade Regular propeller is made from durable fiberglass-injected plastic and comes standard with all Foil Assist sets (including one spare). Designed for light to mid-weight riders, beginners, and first-time users, it delivers smooth, vibration-free propulsion and is the most silent propeller option in the lineup. It can also be paired with the propeller guard for added safety. Thanks to its integrated gear system, the blades open instantly as soon as the motor starts.

2-Blade SLS Propeller

The 2-Blade SLS propeller is crafted from aluminum for maximum durability and performance. Sold separately, it is built for advanced foilers seeking reliability in open-ocean conditions, where impacts with wood or seaweed can occur. It provides stronger low-speed torque and recovers torque faster when kicking out of the wave, offering a highly responsive and robust riding experience



3-Blade SLS Propeller

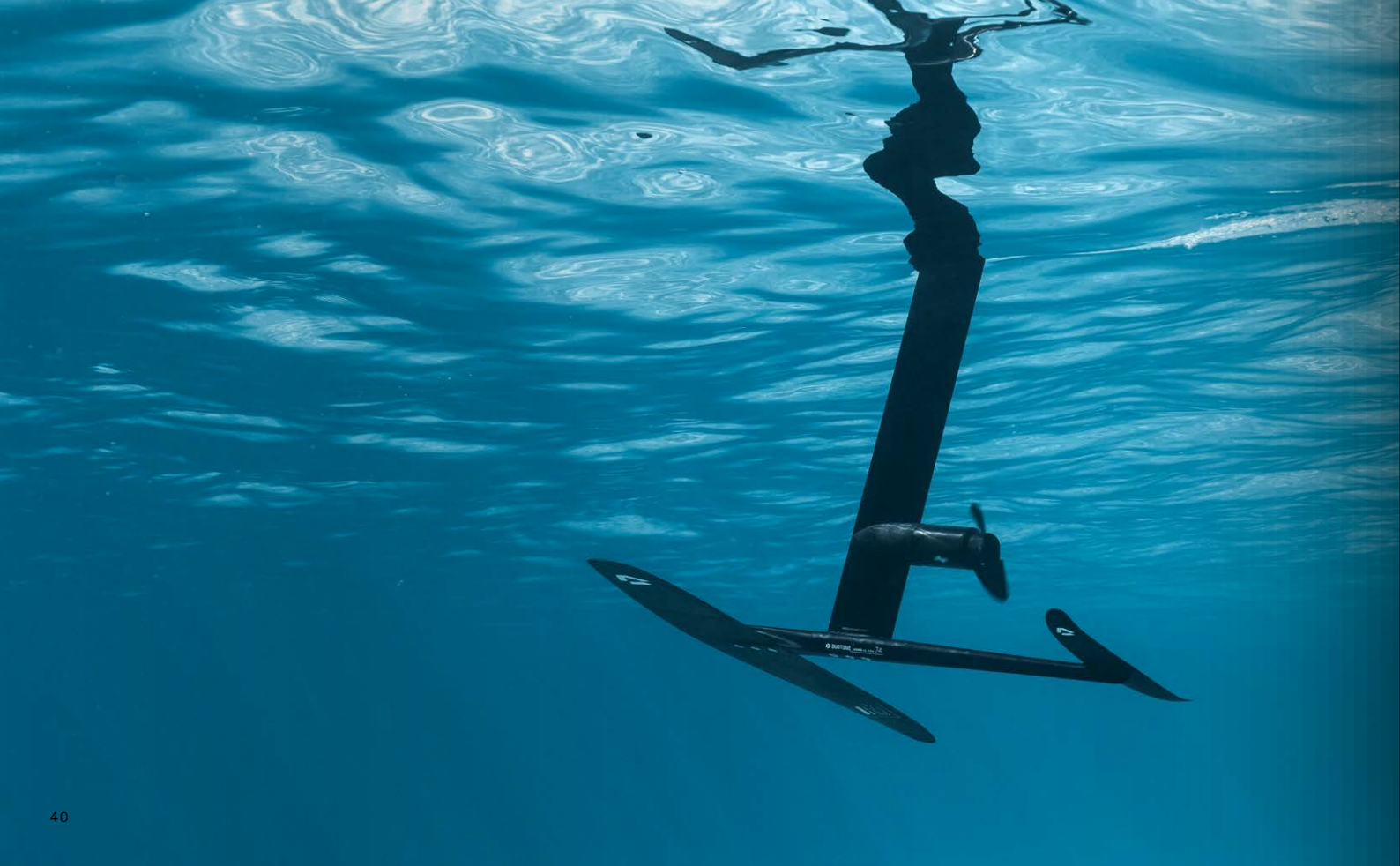
The 3-Blade SLS Propeller is the performance upgrade for riders seeking more boost, higher speeds, and improved efficiency from their Foil Assist system. Made from durable aluminum, it delivers noticeably more power, making it well suited for advanced riders aiming to push their setup further.

Thanks to its increased thrust, the 3-Blade SLS allows riders to comfortably use smaller front wings or lower-liter boards. It performs exceptionally well in bigger or faster swells, and is ideal for riders above 80 kg who want more acceleration and longer run-time

with reduced battery load. On flat water, the propeller adds an extra level of speed.

Switching from the standard 2-blade system to the 3-blade SLS is quick and simple: remove the 2-blade propeller and its mount, then install the dedicated 3-blade mount along with the three blades.

Because its power delivery is stronger and less gradual, the 3-Blade SLS is not recommended for beginners. However, it is the preferred choice for advanced riders seeking a more powerful, dynamic, and efficient foiling experience.



Bags



Gearbag Foil Assist
40260-7000

This well-padded, rigid rolling bag (115 x 44 x 26 cm / 45 x 17 x 10") combines the protection of a hard-shell case with the comfort of a soft bag. The bag features a durable, water-resistant outer shell that protects your gear from impacts during travel. Sturdy handles on three sides make loading and unloading easy. The bag is spacious enough to accommodate your complete Foil Assist set. External straps allow you to secure your board, making it easy to transport everything in one go.



Assist eMast Cover
40260-7204

The Assist and Cruise eMast Cover shields your Foil Assist mast from any damage during transport or storage. It features magnetic and Velcro sections for easy packing and unpacking. Equipped with a convenient mesh pocket on the side, it allows you to store the connector cable and cable fastener V. At the bottom of the mast cover, you'll find a zippered pocket to securely store your screw set and tools. Additionally, it includes two handy handles for easy carrying.



Cruise eMast Cover
40260-7205



Battery Bag
40260-7201

The hard case battery bag can hold up to four batteries and the remote and protects them from sand, debris, and small impacts.



Motor Bell & Propeller Cover
40260-7202

The Motor Bell & Propeller Cover fits over your motor, bell and propeller for protection when transporting or storing them.

What the pros are saying

Matahi Drollet

"The Duotone Foil Assist system is an absolute game changer! It opens up a whole new world of possibilities for wave discovery, especially for those of us who thrive on adventure. Catching waves on a foil has never been easier. I love this new product and the incredible sense of freedom it brings to foiling."



Jeffrey Spencer

"Riding the Duotone Foil Assist is an absolute blast! The ability to foil right back to the peak and catch waves on repeat allows you to maximize every session. It's fantastic to have the battery pack on the waist harness, as it still allows you to shift your weight with your hips, making the board and foil feel lighter and more maneuverable!"

Recommended Foils

Foil Assist Masts

No. 1 Pick - Suitable for Prone, Downwinding & Light Wind Wing Foiling



Front Wing Crest D/LAB
42260-3848

Sizes:
675 - 800 - 925 - 1050 - 1200



Monobloc-Tail PX D/LAB
42260-3850

Sizes:
37/160 - 40/145



Monobloc-Tail S D/LAB
42260-3851

Size:
40/160

Suitable for Downwinding, Prone, Light Wind Wing Foiling & Cruising



Front Wing Glide 2.0 D/LAB
42250-3836

Sizes:
620 - 750 - 900



Fuselage Aero Tail D/LAB
42240-3828

Sizes:
37 - 43



Back Wing Stabilizer H
42250-3830

Sizes:
125 - 145 - 165 -
185 - 210 - 235



Back Wing Stabilizer S
42260-3832

Sizes:
145 - 165 - 185 - 210



Front Wing Glide 2.0 SLS
42250-3837

Sizes:
750 - 900 - 1100 - 1350



Fuselage Aero AL 3BS
42240-3823

Sizes:
60 - 66 - 74



Back Wing Stabilizer H
42250-3830

Sizes:
125 - 145 - 165 - 185 -
210 - 235



Back Wing Stabilizer S
42260-3832

Sizes:
145 - 165 - 185 - 210

Recommended Foils

Foil Assist Cruise Mast

Suitable for Cruising, Wing Foiling & Prone Foiling in Swell



Front Wing Free 2.0
42260-3840

Sizes:
1300 - 1600 - 1900



Fuselage Aero AL 3BS
42240-3823

Sizes:
60 - 66 - 74



Back Wing Stabilizer PX (OG)
42260-3852

Sizes:
225 - 260



Back Wing Stabilizer PX
42260-3847

Sizes:
195

Suitable for Cruising, Wing Foiling & Prone Foiling in Small Waves



Front Wing Glide 2.0 SLS
42250-3837

Sizes:
750 - 900 - 1100 - 1350



Fuselage Aero AL 3BS
42240-3823

Sizes:
60 - 66 - 74



Back Wing Stabilizer H
42250-3830

Sizes:
125 - 145 - 165 - 185 -
210 - 235



Back Wing Stabilizer S
42260-3832

Sizes:
145 - 165 - 185 - 210

Suitable for Prone Foiling in Small waves, Wing Foiling & Cruising



Front Wing Crest D/LAB
42260-3848

Sizes:
675 - 800 - 925 - 1050 - 1200



Monobloc-Tail PX D/LAB
42260-3850

Sizes:
37/160 - 40/145



Monobloc-Tail S D/LAB
42260-3851

Size:
40/160

Beginner

Intermediate

Advanced

➤ DUOTONE

Photo Credits: Thomas Bevilacqua,
Ben Thouard, Neil Armstrong, Toby Bromwich

Design: 3deluxe

All data subject to change
Duotone Electric
www.duotonesports.com

FOLLOW US ON   

SAVE OUR 
PLAYGROUNDS

➤ DUOTONE
ACADEMY



