



Season 2023

DILS FOILS F





FOIL CHART

				FL	IGHT – FRON	T WINGS					
WING	CONSTR.	AREA CM ²	SPAN CM	ASPECT RATIO	CHORD CM	STABILITY	SPEED	PUMP	BOAT	WIND	PRONE
GLIDER 115	CARBON	1150	100	8.7	15	MEDIUM	FAST	GREAT	MED-LARGE	MED	SMALL
GLIDER 95	CARBON	950	90	8.5	13.8	MEDIUM	FAST	GREAT	LARGE	MED- HIGH	SMALL-MED
HORIZON 190	CARBON	1900	100	5.3	26	GREAT	LOW	GREAT	SMALL	LOW	SMALL-MED
HORIZON 155	CARBON	1550	80	4.1	26	GREAT	MEDIUM	GOOD	ALL	LOW-MED	SMALL
HORIZON 120	CARBON	1200	80	5.3	19.5	GREAT	MED/FAST	GOOD	MED-LARGE	MEDIUM	SMALL-MED
FLITE 120	CARBON	1200	65	3.5	21	GREAT	LOW	MEDIUM	MED-LARGE	-	-
					LIGHT – REAF	R WINGS					
WING	CONSTR.	AREA CM ²	SPAN CM	ASPECT RATIO	CHORD CM	STABILITY	SPEED	PUMP	BOAT	WIND	PRONE
G21	CARBON	210	35	5.8	8	MEDIUM	FAST	MEDIUM	X	х	х
H24	CARBON	240	37	5.7	8	MEDIUM	MEDIUM	MEDIUM	X		х
TC28	CARBON	280	40	5.7	8	GREAT	MEDIUM	GREAT	х		
FLITE	POLYMER	278	39	5.4	9	GREAT	LOW	MED-LOW	х		
					ALTITUDE – N	IASTS					
MAST		STIFFNESS	CONSTRUCTION		BOAT WAK		PRONE	LEAR	NING		
CARBON 32"		MAX	CARBON	FAST		х	х				
CARBON 28"		MAX	CARBON	FAST	х	х	Х				
ALLOY 28"		GREAT	EXTRUDED ALLOY	MEDIUM	х	х	х				
ALLOY 24"		GREAT	EXTRUDED ALLOY	MEDIUM	х			x	(
				WH	EEL BASE – F	USELAGE					
FUSELAG	GE	STABILITY	MANEUVERABILI								
CARBON 44"		GREAT	MAX	CARE	BON						
CARBON 54"		MAX	GREAT	CARE	BON						
ALLOY 44"		GREAT	MAX	CNC ALU	MINUM						
ALLOY 54"		MAX	GREAT	CNC ALU	MINUM						
				D	ECKS = EOIL E	ROAPDS					
DECKS - FOIL BOARDS BOARD ABILITY CONSTRUCTION WAKESURF COMPATIBLE											
ORB 3'6"		ADVANCED	ATOMIC								
ORB 4'0"		INT/ADV	ATOMIC								
NEBULA 3'8"		ADVANCED	DURASURF								
NEBULA 4'2"		INT/ADV	DURASURF								
POD 4'4"		BEG/INT	DURASURF		Х						
POD 4'9"		BEG/INT	DURASURF		Х						
LAUNCH 4'5"		BEG/INT	BREAKTHROUG	н							

STABILITY

Stability can be thought of as the ability to recover with minimal effort. Highly stable foils will allow you to make mistakes and get off balance but wont effect your ride or ability to maintain lift. These foils are not as agile or nimble and can not be turned as hard or used as aggressively. The Horizon 190 and 155 would fall into this category. At the other end you will find the Glider 95 which is highly maneuverable, but you need to be a bit more on you're A game to harness the magic.

PUMPABILITY

Good pumping foils give good glide and enough lift with minimal effort put in by the rider. With every physical movement expended by the rider, the foil needs to translate that into speed and forward movement. Bigger foils can go slower and are easy to get going at the beginning. The Horizon 190 is a great foil for dock starts and starting from zero. The Glider series needs speed to start but once you are going, it is much easier to maintain momentum.



SPEED

High Aspect = High Speed

Medium Aspect = Medium Speed

The speed can be directly related to the efficiency of the wing. The High Aspect Wings have lower drag and therefore are able to reach higher speeds. By the same token, size effects the speed as well. Smaller wings can go faster due to the lower drag.

AREA

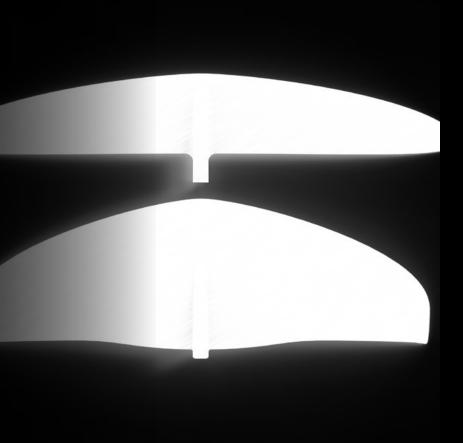
Area is the first indicator of how the foil will perform. Larger area wings are made for going slower and accommodating heavier riders. Smaller wings will be faster. Area is not an indicator of skill level. Smaller wings will be used by both novice and advanced riders. Advanced riders will gravitate towards smaller wings due to the increase in speed that is possible. Novice riders will also gravitate towards smaller wings as the lift of the smaller wings is less and more manageable for the first time rider

WINGSPAN

Wingspan, defined as the tip to tip distance of a foil. The Wingspan primarily controls a foils ability to roll. The shorter the wingspan the easier it is to roll the wing over and get a high banking turn. The Wingspan also effects the drag and overall speed of the wing. For a wing of a given area and lift profile, extending the wingspan allows you to shorten the chord length while keeping a similar amount of lift. This usually equates to lower drag and a higher speed foil.



Defined as the wingspan ^2 divided by the wing area (B^2/S), the aspect ratio is the defining term for the efficiency of a foil. Typically speaking, the higher the aspect the more efficient the foil is. This leads to longer glides and higher speeds. The higher aspect wings have a higher level of required skill to ride and are not as forgiving as a medium aspect wing. Most beginner to intermediate riders will gravitate towards a medium aspect foil (3-6) due to the ability to achieve lift at lower speeds and bigger sweet spot that allows for easy recoveries while foiling. Advanced riders will gravitate towards a high aspect roil (7-10) as the overall speed the foil can go and generate is much higher. This leads to more progressive foiling.









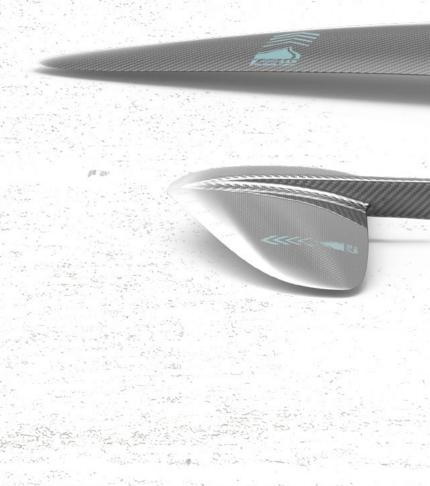
GLIDER 115

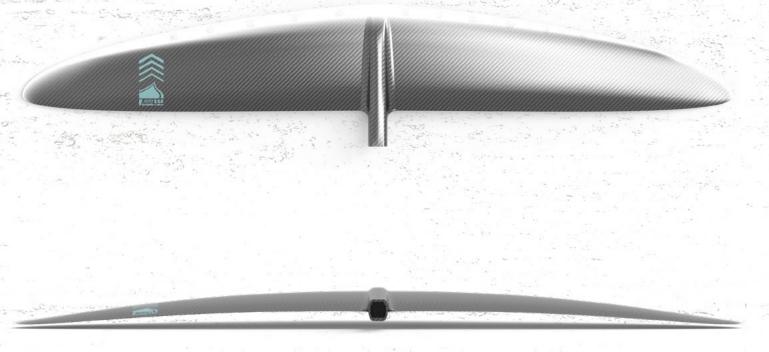
1150cm² | 100cm Span | 8.7 Aspect Ratio | 15cm Chord

DESIGNED FOR WHIPS AND PUMPS

Ideal for medium to large boats, winging in the ocean or lake. The 3k prepreg carbon fibre has a huge weight to strength ratio and doesn't use unnecessary additional resin keeping it light and responsive. The 115 glider gives you the speed of a high aspect wing with the lift of a larger wing. Want to use it for light wind winging? The 115 Glider has you covered too!

This high aspect wing is made for maximum glide and speed. It requires a higher level of skill to ride but will quickly become the go-to foil for the advanced rider. The shorter chord length allows for less drag and more overall performance. This is great for those of you that are familiar with our horizon line and looking for an upgrade.





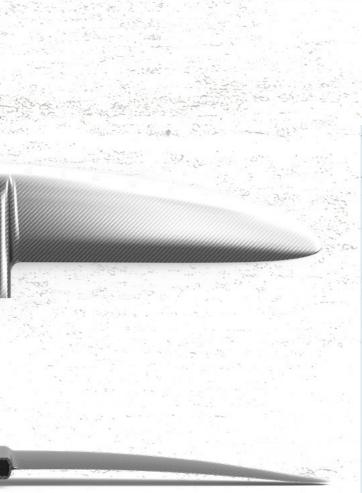
GLIDER 95

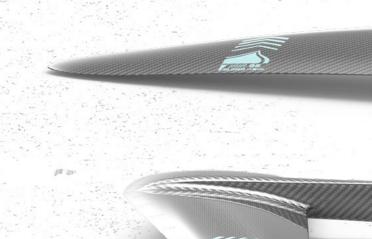
950cm² | 90cm Span | 8.5 Aspect Ratio | 13.8cm Chord

DESIGNED FOR SURFING 3RD WAKE SMALL BUMPS

Ideal for large boat wakes the 95 is our premium sports car, extremely nimble and fast. The Glider 95 is more than capable of winging too whether it be in the ocean or lake the 95 can handle bigger winds and waves. The 3k prepreg carbon fibre has a huge weight to strength ratio and doesn't use unnecessary additional resin keeping it light and responsive. With a medium stability the Glider is best placed for more experienced riders looking to take it further.

This high aspect wing is made for maximum glide and speed. It requires a higher level of skill to ride but will quickly become the go-to foil for the advanced rider. The shorter chord length allows for less drag and more overall performance. This is great for those of you that are familiar with our horizon line and looking for an upgrade.





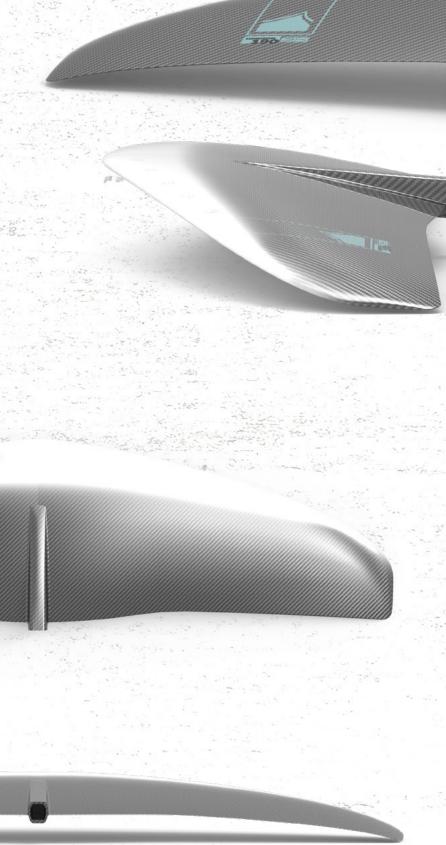
HORIZON 190

1900cm² | 100cm Span | 5.3 Aspect Ratio | 19.5cm Chord

DESIGNED FOR SMALL SURF WAKES

The Horizon 190 offers our biggest surface area wing meaning you need less of a wave or roller to have a good time. Don't have a surf boat? Have a small fishing boat? The 190 has you covered! The 3k prepreg carbon fibre has a huge weight to strength ratio and doesn't use unnecessary additional resin keeping it light and responsive. With our highest stability in a wing the Horizon is great for inspiring confidence when starting out.

This medium aspect wing for is for all levels and abilities. With a low speed lift, these foils are geared to excel within all conditions found on the lake, they are optimized For wakesurf boat speed and, depending on the size, can be foiled on everything from a jet ski to large fast wakes.



HORIZON 155

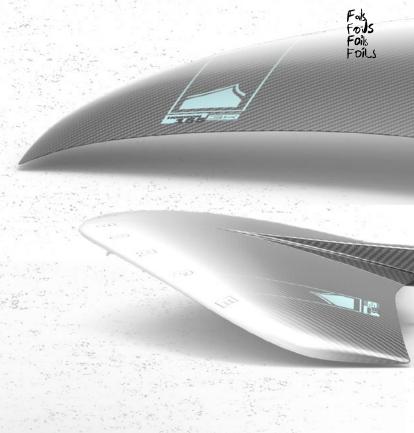
1550m² | 80cm Span | 4.1 Aspect Ratio | 26cm Chord

DESIGNED FOR EVERY TYPE OF RIDING.

The new thinner profile of the front wing allows for more glide speed and the extended chord length helps with low-speed lift. Pair the 155 Front Wing with the H24 Tail Wing and the 28" carbon mast and you have a light-weight, hydrodynamic machine...superior hold through extended carves and advanced acceleration out of turns ensures that with this setup you truly can #FoilAnything!

This medium aspect wing for is for all levels and abilities. With a low speed lift, these foils are geared to excel within all conditions found on the lake. They are optimized for a wakesurf boat and, depending on the size, can be foiled on everything from a jet ski to large fast wakes





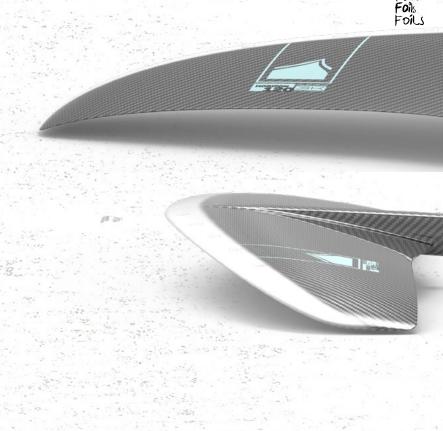
HORIZON 120

1200cm² | 80cm Span | 5.3 Aspect Ratio | 26cm Chord

DESIGNED FOR SURF BOATS

The Horizon 120 is a faster speed wing with great stability and pump-ability. Best suited behind medium to large boats the 120 also works well winging and prone. The 3k prepreg carbon fibre has a huge weight to strength ratio and doesn't use unnecessary additional resin keeping it light and responsive. Advanced riders will love the Carbon 120 with its fast lightweight feel and capable of tackling anything you put in front of it #FOILANYTHING

This medium aspect wing is for all levels and abilities. With a low speed lift, these foils are geared to excel within all conditions found on the lake. They are optimized for wakesurf boat and, depending on the size, can be foiled on everything from a jet ski to large fast wakes.





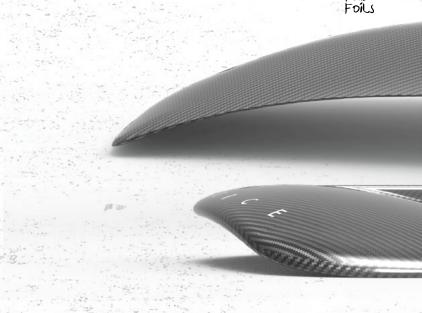
FLITE 120

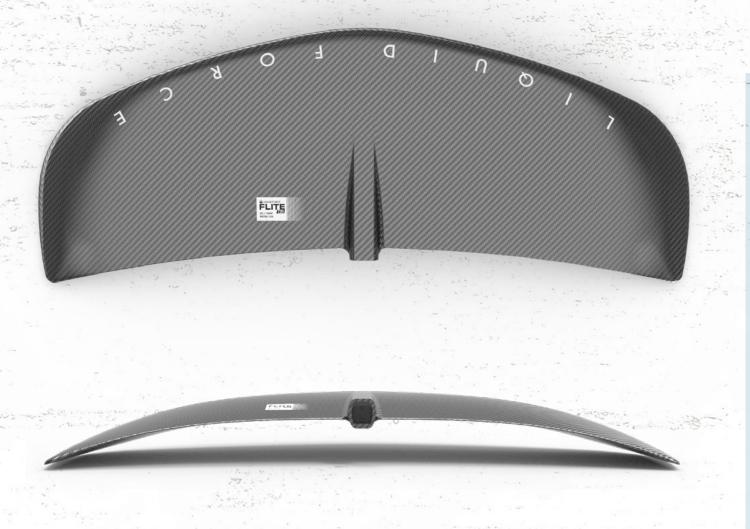
1200m² | 80cm Span | 4.1 Aspect Ratio | 26cm Chord

DESIGNED FOR TO HELP YOU LEARN.

Learn to foil with the best introduction wing on the market! The Flite 120 wing allows you to progress quickly through learning stages and keep progressing through the intermediate stages.

Low speed lift wing designed to get people up and out of the water. This is the wing with built in training wheels to get you going. With extra stability and a higher designed drag coefficient, the flite will give you the feeling of flight and make it easy to control while getting used to the sensation







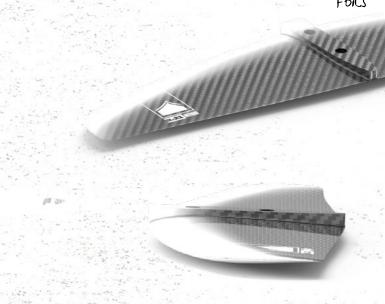


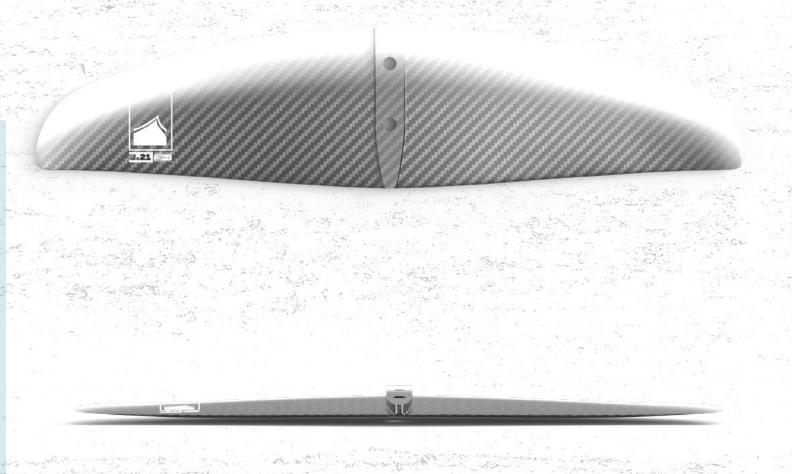
G21 REAR WING

210cm² | 35cm Span | 5.8 Aspect Ratio | 8cm Chord

DESIGNED FOR EVERYTHING!

This stabilizer wing is great rear wing for anything you plan to do on the water. Its works behind the boat, under a wind wing, or out in the ocean swell. Its a fast rear wing that will help you get the most out of your foil kit.



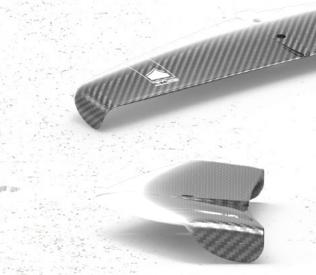


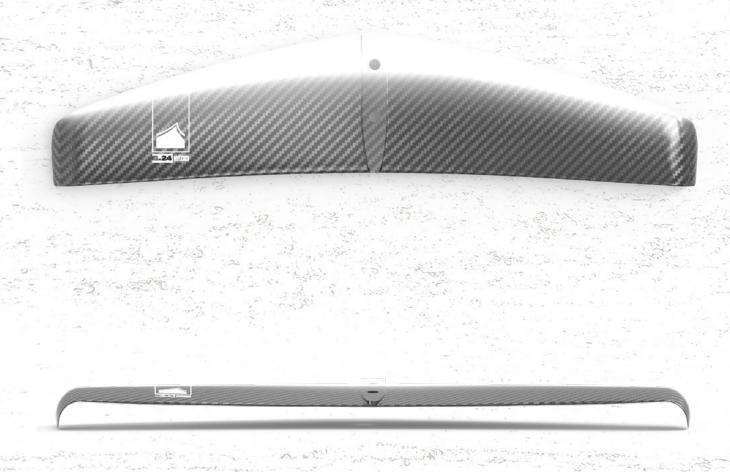
H24 REAR WING

240m² | 37cm Span | 5.7 Aspect Ratio | 8cm Chord

DESIGNED FOR BOAT AND OCEAN!

This stabilizer wing is a medium speed performance wing. It is best utilized behind the boat or in the ocean. the downward wing-tips allow this wing to maneuver and grab in the water to give you more control.







Foils Foils Foils

TC28 REAR WING

280cm² | 40cm Span | 5.7 Aspect Ratio | 8cm Chord

DESIGNED FOR BEHIND THE BOAT!

This stabilizer wing is best suited for riding behind the boat. Its a grea rear wing for pumping and playing around on slower speeds. But also can hold up as you progress your skills to the 3rd or 4th wake back. This is the largest rear wing in the linup and also the most stable.









CARBON MAST

Foils Foils Foils

32" | 28"

LIGHTWEIGHT, FAST AND HIGH PERFORMANCE

Whether it's the 28" or the 32" Carbon Mast, this is the ultimate set up for someone looking for an ultra-light, fast, and stiff mast. Riding behind a boat wake and looking to make sure your foil doesn't drop below the power zone, the 28" is the call. Looking to expand your horizons on the foil and take it to the ocean or get powered by the wind, the 32" mast is what you need.



ALUMINUM MAST

28" | 24"

A BEGINNER FRIENDLY OPTION WITH PERFORMANCE CHARACTERISTICS.

Whether it's the 24" or the 28" aluminum mast, this is a great set up for someone looking for a strong, durable and stiff mast. Riding behind a boat wake and looking to make sure your foil doesn't drop below the power zone, the 28" is the call. If you are just learning to foil or riding in shallow water, the 24" aluminum mast is the perfect set up.



CARBON FUSE

Foils Foils Foils

54" | 44"

LIGHTWEIGHT WITH SUPERIOR STRENGTH – TAKE YOUR FOILING TO THE NEXT LEVEL.

The lightweight carbon fuse is offered in 2 sizes for 2023, 54" and 44". The 54" is more stable and better suited for a little smaller wake. The carbon fuse is like driving a Bentley and allows for more drawn out, relaxed carves. If a Ferrari is more your speed and you are looking to take foiling to the next level, the 44" fuse is the weapon of choice. The 44" carbon fuse is for the serious foiler looking for quicker and tighter turns and the ability to get a little lose.





Foils Foils Foils

54" | 44"

STRONG AND DURABLE – PERFECT FOR THE PERSON ENTERING

The aluminum fuse is offered in 2 sizes for 2023, 54" and 44". The 54" is more stable and better suited for a little smaller wake. The aluminum fuse is like driving a Cadillac and allows for more drawn out, relaxed carves. If a Corvette is more your speed and you are looking to take foiling to the next level, the 44" aluminum fuse is the weapon of choice. The 44" allows for quicker and tighter turns and the ability to get a little lose while not breaking the bank.







FLITE 120 KIT

FLITE FW | TC28 STAB | 27" ALLOY MAST | 54" ALLOY FUSE | WING COVERS

THE IDEAL PROGRESSION FOIL, GET SOME CONFIDENCE WITH THE FLITE 120.

Learn to foil with all the upgrades in our more advanced kits. With the addition of the TC 28 stabilizer, customizable shim kit, and 27" alloy mast, the Flite 120 Foil Set allows you to progress quickly through learning stages and keep progressing through the intermediate stages.

Low speed lift wing designed to get people up and out of the water. This is the wing with built in training wheels to get you going. With extra stability and a higher designed drag coefficient, the flite will give you the feeling of flight and make it easy to control while getting used to the sensation





LAUNCH 120 KIT

FLITE FW | FLITE STAB | 24" ALLOY MAST | 54" ALLOY FUSE | WING COVERS

FIRST TIME FOILING? NO PROBLEM, THIS KIT WAS BUILT WITH YOU IN MIND.

A small 24" Alloy Mast to keep you comfortable while beginning your foil career. Injection molded stabilizer wing to keep things easy and balanced and the perfect front wing for learning with the Flite 120 to allow you to "feel" the foil at low speeds before you start flying. Make it easy on yourself and your friends and learn to foil on the Launch Foil Set.





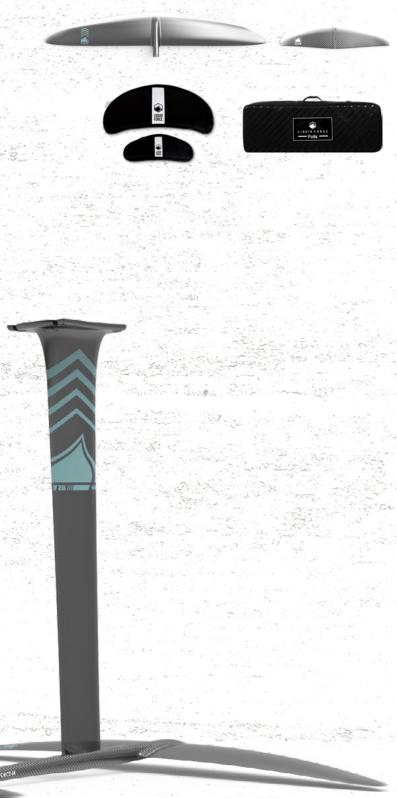
GLIDER 115 CARBON KIT

GLIDER 115 FW | G21 STAB | 28" CARBON MAST | 44" CARBON FUSE | WING COVERS

Carbon response and durability to slay any session.

Ideal for medium to large boats, winging in the ocean or lake. The 3k prepreg carbon fibre has a huge weight to strength ratio and doesn't use unnecessary additional resin keeping it light and responsive. The 115 glider gives you the speed of a high aspect wing with the lift of a larger wing. Want to use it for light wind winging? The 115 Glider has you covered too!

This high aspect wing is made for maximum glide and speed. It requires a higher level of skill to ride but will quickly become the go-to foil for the advanced rider. The shorter chord length allows for less drag and more overall performance. This is great for those of you that are familiar with our horizon line and looking for an upgrade.





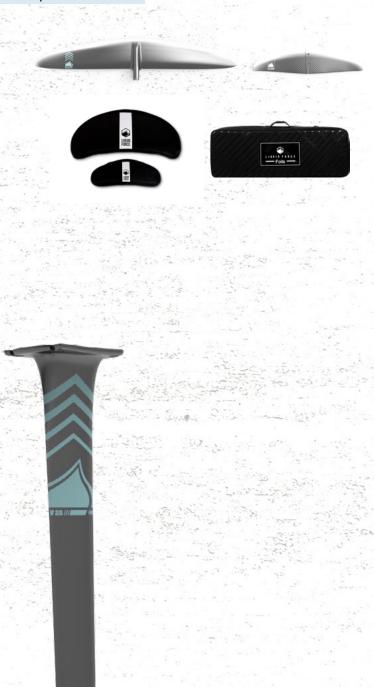
Foils Foils

GLIDER 95 FW | G21 STAB | 28" CARBON MAST | 44" CARBON FUSE | WING COVERS

Looking for fast speed and large boat wake use? The Glider 95 has your back.

Ideal for large boat wakes the 95 is our premium sports car, extremely nimble and fast. The Glider 95 is more than capable of winging too whether it be in the ocean or lake the 95 can handle bigger winds and waves. The 3k prepreg carbon fibre has a huge weight to strength ratio and doesn't use unnecessary additional resin keeping it light and responsive. With a medium stability the Glider is best placed for more experienced riders looking to take it further.

This high aspect wing is made for maximum glide and speed. It requires a higher level of skill to ride but will quickly become the go-to foil for the advanced rider. The shorter chord length allows for less drag and more overall performance. This is great for those of you that are familiar with our horizon line and looking for an upgrade.



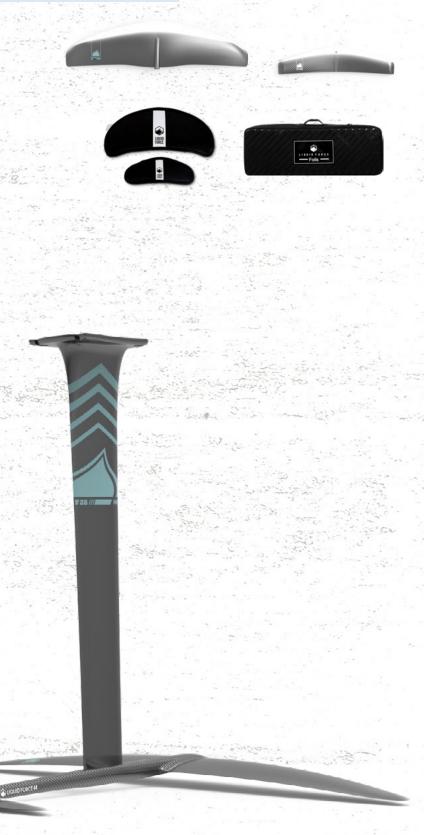
HORIZON 190 CARBON KIT

HORIZON 190 FW | H24 STAB | 28" CARBON MAST | 44" CARBON FUSE | WING COVERS

Ideal for ANY boat and hijacking waves, the 190 keep fun and stability high!

The Horizon 190 offers our biggest surface area wing meaning you need less of a wave or roller to have a good time. Don't have a surf boat? Have a small fishing boat? The 190 has you covered! The 3k prepreg carbon fibre has a huge weight to strength ratio and doesn't use unnecessary additional resin keeping it light and responsive. With our highest stability in a wing the Horizon is great for inspiring confidence when starting out.

This medium aspect wing for is for all levels and abilities. With a low speed lift, these foils are geared to excel within all conditions found on the lake, they are optimized For wakesurf boat speed and, depending on the size, can be foiled on everything from a jet ski to large fast wakes.





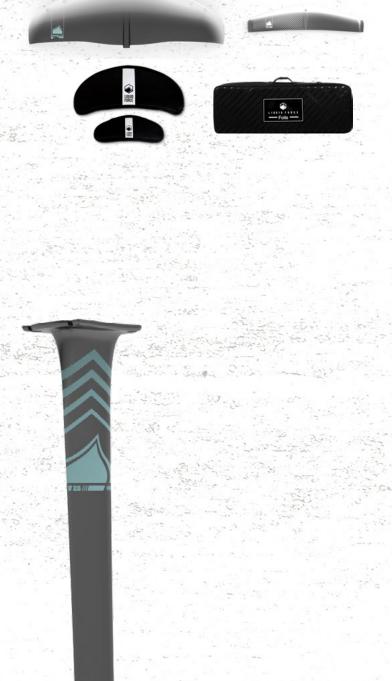
HORIZON 155 CARBON KIT

HORIZON 155 FW | H24 STAB | 28" CARBON MAST | 44" CARBON FUSE | WING COVERS

The Carbon Horizon Surf 155 Foil Set is our best "do it all" kit for intermediate to advanced levels of foiling to date.

The new thinner profile of the front wing allows for more glide speed and the extended chord length helps with low-speed lift. Pair the 155 Front Wing with the H24 Tail Wing and the 28" carbon mast and you have a lightweight, hydrodynamic machine...superior hold through extended carves and advanced acceleration out of turns ensures that with this setup you truly can #FoilAnything!

This medium aspect wing for is for all levels and abilities. With a low speed lift, these foils are geared to excel within all conditions found on the lake. They are optimized for a wakesurf boat and, depending on the size, can be foiled on everything from a jet ski to large fast wakes.



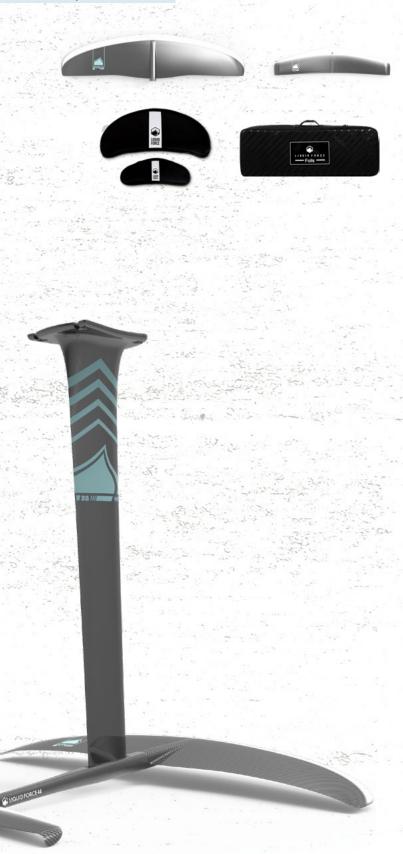
HORIZON 120 CARBON KIT

HORIZON 120 FW | H24 STAB | 28" CARBON MAST | 44" CARBON FUSE | WING COVERS

Fast, fun and free on the water with a carbon edge.

The Horizon 120 is a faster speed wing with great stability and pump-ability. Best suited behind medium to large boats the 120 also works well winging and prone. The 3k prepreg carbon fibre has a huge weight to strength ratio and doesn't use unnecessary additional resin keeping it light and responsive. Advanced riders will love the Carbon 120 with its fast lightweight feel and capable of tackling anything you put in front of it #FOILANYTHING

This medium aspect wing is for all levels and abilities. With a low speed lift, these foils are geared to excel within all conditions found on the lake. They are optimized for wakesurf boat and, depending on the size, can be foiled on everything from a jet ski to large fast wakes.



HORIZON 155 ALLOY KIT

HORIZON 155 FW | H24 STAB | 28" ALLOY MAST | 54" ALLOY FUSE | WING COVERS

The Horizon 155 Foil Set is our best "do it all" kit for intermediate to advanced levels of foiling.

The new thinner profile of the front wing allows for more glide speed and the extended chord length helps with low-speed lift. Pair the 155 Front Wing with the H24 Tail Wing and the 28" alloy mast and you have a light-weight, hydrodynamic machine...superior hold through extended carves and advanced acceleration out of turns ensures that with this setup you truly can #FoilAnything!

This medium aspect wing is for all levels and abilities. With a low speed lift, these foils are geared to excel within all conditions found on the lake. They are optimized for a wakesurf boat and, depending on the size, can be foiled on everything from a jet ski to large fast wakes.



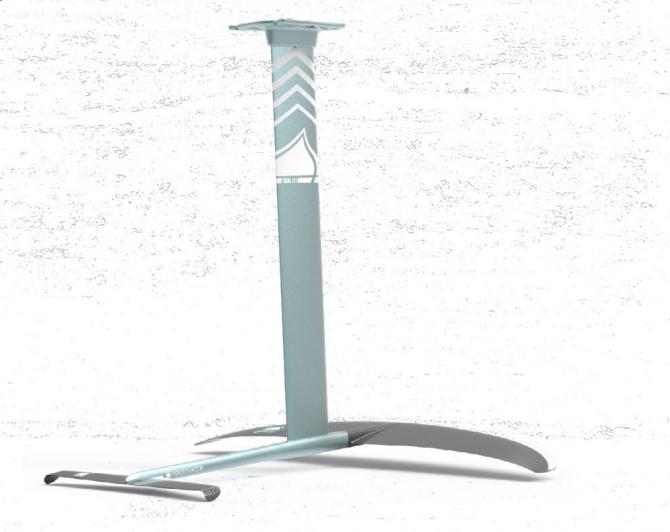
HORIZON 120 ALLOY KIT

HORIZON 120 FW | H24 STAB | 28" ALLOY MAST | 54" ALLOY FUSE | WING COVERS

The Horizon 120 is a faster speed wing with great stability and pump-ability. Best suited behind medium to large boats, the 120 also works well winging and prone. The 120 uses our CNC'd alloy mast for strength and features an awesome new blue colorway. Advanced riders will love the 120 with its fast lightweight feel and capable of tackling anything you put in front of it #FOILANYTHING

This medium aspect wing is for all levels and abilities. With a low speed lift, these foils are geared to excel within all conditions found on the lake. They are optimized for a wakesurf boat and, depending on the size, can be foiled on everything from a jet ski to large fast wakes.





HORIZON 190 ALLOY KIT

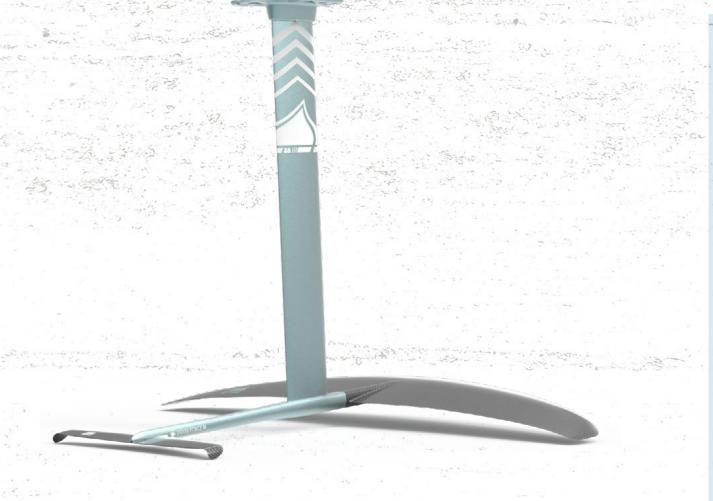
HORIZON 190 FW | H24 STAB | 28" ALLOY MAST | 54" ALLOY FUSE | WING COVERS

Ideal for non surf boats and hijacking waves, the 190 keeps fun and stability high!

The Horizon 190 offers our biggest surface area wing meaning you need less of a wave or roller to have a good time. Don't have a surf boat? Have a small fishing boat? The 190 has you covered! Using our CNC'd aluminum mast the 190 is strong and light. With our highest stability in a wing, the Horizon is great for inspiring confidence when starting out.

This medium aspect wing is for all levels and abilities. With a low speed lift, these foils are geared to excel within all conditions found on the lake. They are optimized for a wakesurf boat and, depending on the size, can be foiled on everything from a jet ski to large fast wakes











3'6" | 4'0" | CARBON LAYUP | EPS CORE | 3-UP INSERTS | EVA DECK | HAND GLASSED



Our newest addition to the foil board quiver, the ORB, is designed for the foil-frother looking for the ultimate flying experience!

The ORB is the ultimate board for the ultimate foiler! Its smaller, rounder shape allows for quicker turns and easier maneuverability. The dished-out chine hull adds stability and float with minimal drag when getting up. The carbon Innegra construction adds strength and durability without compromising weight. Topped off with our most comfortable corduroy deck pad, The ORB will have you feeling as if you're one with the foil and the water below.





LENGTH	WIDTH	THICKNESS	ROCKER	VOLUME	WEIGHT RANGE	
3′6″	17.5in	1.6in	2.8N / 1.1T	14.5L	Up To 190lbs	
4′0″	17.9in	1.7in	2.9NM / 1.1T	17.5L	190lbs - 220lbs	

NEBULA

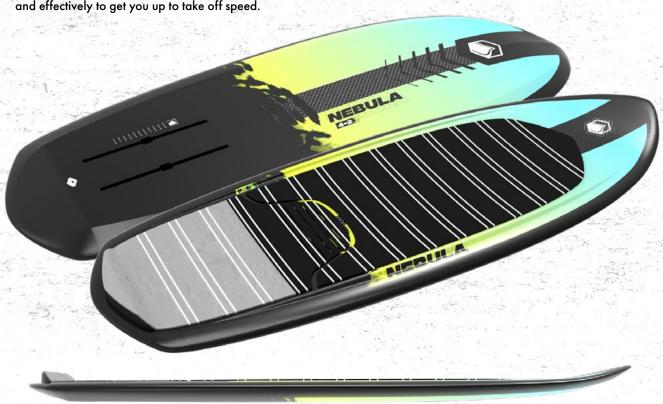
3'8" | 4'2" | CARBON STRINGER | EPS CORE | 3-UP INSERTS | EVA DECK | DURA-SHELL



Take your foiling interstellar with the cosmic Nebula Foil Board.

The Nebula is a foil specific board made in our extremely durable DuraSurf construction. Featuring a concave deck for refined board feel and control. The Chine Rail helps unleash the board from the water easily and get you up and ripping. A slight double concave that moves into a flat hull as it goes out the kicked up tail provides a minimum water contact surface that planes efficiently and effectively to get you up to take off speed.





LENGTH	WIDTH	THICKNESS	ROCKER	VOLUME	WEIGHT RANGE	
3'8"	17.5in	1.3in	2.8N / 1.1T	13.2L	Up To 200lbs	
4′2″	19in	1.5in	2.9NM / 1.1T	16.4L	140lbs - 220lbs	



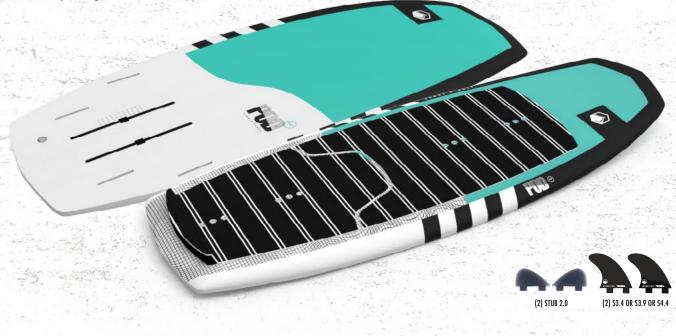
4'4" | 4'9" | EPS CORE | 3-UP INSERTS | EVA DECK | DURA-SHELL | 4 FIN BOXES



Surf in the morning, shred the foil in the afternoon...all on one board!

The award-winning POD Foil board is the POD Wakesurfer with the addition of our foil track system and extra reinforcement. The board comes with a quad fin set up for wakesurfing and a transition plate to allow your foil to mount directly to the board. The corduroy Deck traction and additional horizontal texture breaks give you a visual and tangible aide to find the perfect foot placement. Save space on the boat and have a surfer and a foil in one package.





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LENGTH	WIDTH	THICKNESS	ROCKER	VOLUME	WEIGHT RANGE		
3'6"	17.5in	1.6in	2.8N / 1.1T	14.5L	Up To 190lbs		
4′0″	17.9in	1.7in	2.9NM / 1.1T	17.5L	190lbs - 220lbs		

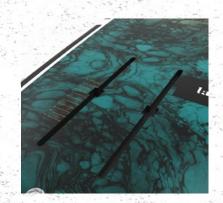
LAUNCH

4'5" | PU CORE | 3-UP INSERTS | EVA DECK



The name says it all, the Launch is the perfect foil board to get you out of the water and into the air.

Built with a first time foiler in mind, the Launch Foil Board uses a large planing surface and a skinnier cross section similar to a wakeboard. The result is easy board control and mellow deep water starts. To help learn how the foil behaves at slower speeds the width of the board, flat tail rocker, chine rails, and wide shovel nose were all added. The foil track mounting system gives 4" of travel to adjust the foil depending on rider weight and skill level. Removable foot straps give a confidence boost when starting out.





LENGTH	WIDTH	THICKNESS	ROCKER	VOLUME	WEIGHT RANGE
4′5″	18"	1.0	2.8N / 1.1T	9.6	All