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LIQUID

FORCE

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Season 2023

VERSE

RELENTLESS INNOVATION. LF'N AWESOME GOOD TIMES

Each year we start the process of putting this book together by reflecting on where we've been and where we're going! Since day one, the ultimate focus at Liquid Force has always been to push the envelope on product design through RELENTLESS INNOVATION.

First there were wakeboards... then we added bindings... then we added wakeskates... and so on...

In the past 27 years, we have always stayed true to our core values and only added to our product line when we believed something could truly add to the LF'N AWESOME GOOD TIMES we like to have on the water.

We started as a core behind-the-boat wakeboard brand, but truthfully, we have been so much more than that for a long time... we've dedicated our efforts to also building the best park boards, the best wakesurf boards, the best wakeskates, and the best products for foiling!

Wakeboarding will always be our first love, but there is so much more to Liquid Force now!

With Park Riding at an all-time high, we believe that our products and group of athletes have had a major part in pushing that progression... we plan to continue to lead this charge into the future! Events like the Langenfeld Open show what is possible in this sport, and we aim to continue to build products that can thrive in these environments! Wakesurfing continues to be everyone's other favorite summertime passion on the boat, and even that can't be categorized as just one sport... whether someone rides surf-style versus skim-style, they are entirely different experiences and thus different types of boards are needed! Throw in some epic fun boards like Wake Foamies, and you can see how the activity of surfing behind the boat continues to grow and provides a great time for everyone!

Foiling has quickly become everyone's other favorite summertime passion on the boat (we know we already said that about surfing, but you get the point... so many fun options that you'll never want to get off the water), and has opened a world of possibilities... foiling the surf wake, foiling the 3rd wake, foiling the 10th wake, foiling rollers at your local surf break, and even foiling with a wind wing when the lake isn't the ideal buttery conditions we've all grown to love... the freedom that foiling provides is endless!

Our hope is that if you haven't already, you'll try something new this Summer, or that you'll simply keep improving at what you already love to do. The options are endless, and we hope you keep going to the water to have a great time!

Thanks for the support and thanks for being part of our family! Let's keep the LF'N AWESOME GOOD TIMES rolling!

-Your friends at LIQUID FORCE



No. 026 RELENTLESS INNOVATION 2023

LIQUID FORCE WAKEBOARDS

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LIQUID FORCE Season 2023

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WAKE SKATES

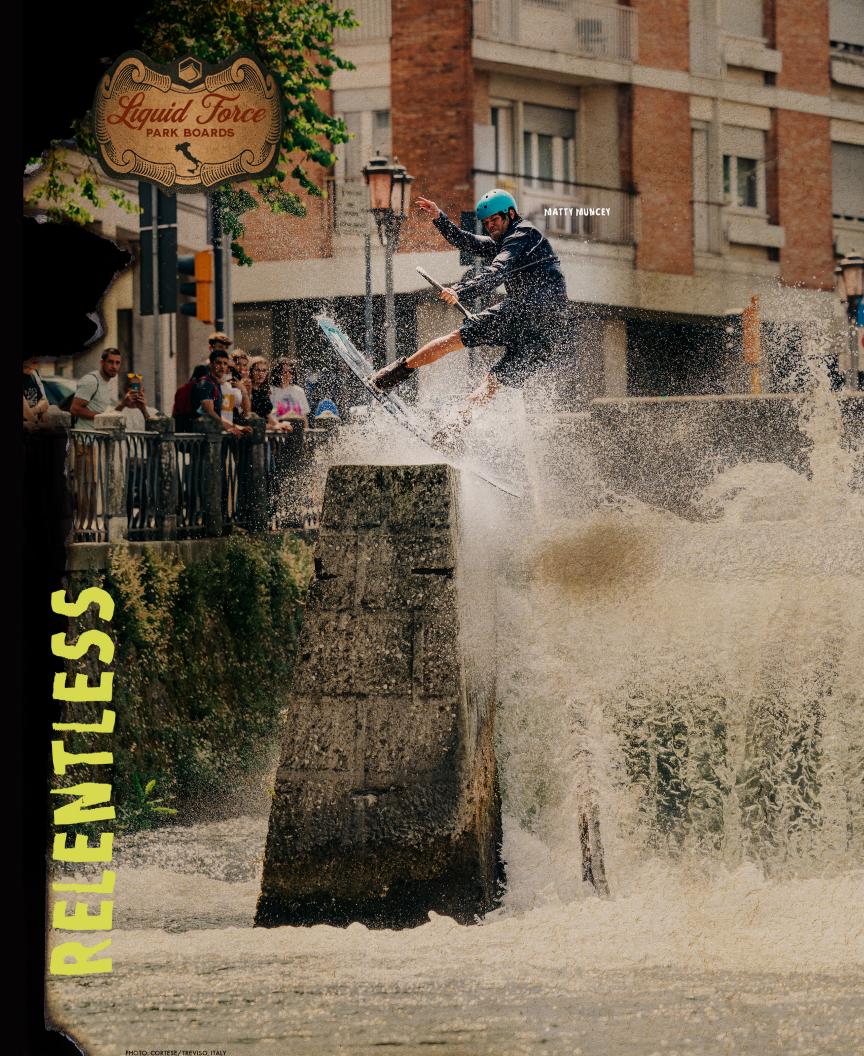
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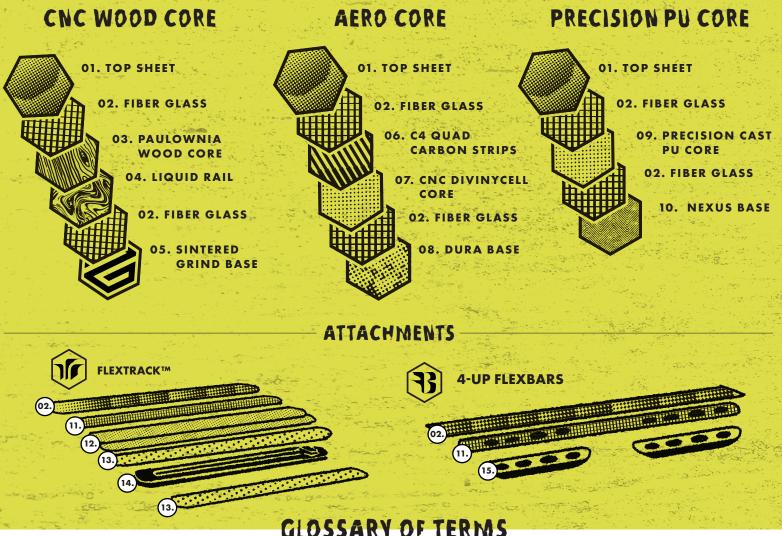
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WAKEBUAKD CURSIK





01. TOP SHEET

Proctective graphic layer provides durability, UV protection & great looks.



02. FIBER GLASS Various combination of fiberglass weaves give each LF model its unique feel, strength, and flex.

03. PAULOWNIA WOOD CORE

Lightweight sustainable paulownia wood provides the right core for the unique feel and lively response and rebound in all LF park boards.



04. LIQUID RAIL

This elastomeric sidewall provides additional flex, rail bond, and durability.



LF uses the most durable sintered Grind base material for extended life for park session after session.



06. C4 QUAD CARBON STRIPS

Multi-strand carbon tape provides the strongest, lightest and liveliest reinforcement to our AeroCore™ models.

07. DIVINYCELL CORE

Lightweight high compressive strength foam is CNC milled to create the heart of all LF AeroCores™.

08. DURA BASE



A durable proctective graphic layer made from different materials depending upon the hull shape of the the board and where it is ridden.

09. PRECISION CAST PU CORE



10. NEXUS BASE

(06.

Lightweight graphic fabric layer for crisp hull contours and molded-in fins.



11. FIBER GLASS RETENSION STRIP

Glass layer for insert and FlexTrack™ retension and flex control between feet.



12. ENGINEERED GLASS LAYER

FlexTrack™ reinforcement.

13. DAMPENING LAYER

Reinforcement layer for insert retention and flex control between feet.

14. FLEXTRACK™



Glass reinforced FlexTrack™ flexes and twists as you ride, and allows for customizable stance choice.



15. 4 UP FLEX BAR INSERTS

Longer flexible inserts bars offer improved 4 position stance options.



Our new Bio Resin uses Green Chemistry and renewable raw materials to reduce the environmental impact of production



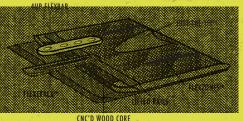


LIUR ARD MAKE UP CORE CONFIGURATION **CNC CORE "SPLIT" CORE PROFILED CORE PRECISION CAST** Precision CNC'd to give An enhanced profiled Profiled thickness taper **PU CORE** you the most optimized core with sharper chanto optimize flex between Perfectly sized polyuremixture of strength, flex, nels to add more control. the feet and in the tips for

thane core to optimize the strength to weight ratio of the lamination.

PARK BOARD CONSTRUCTION

DURA-FLEX



ATOMIC

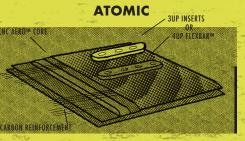
rebound, and control.





RDEAKTHDOUGH

BOAT BOARD CONSTRUCTION DURA



THREE STAGE

Flatter center curve for speed & rail con-

trol. Exaggerated exit angle through tip

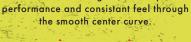
gives a bucking pop off the wake.

- SHALLOW CURVE -

Ĵ_ STEEP

ROCKER TECH

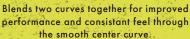






every rider's size, weight,

and use.



2 POINT ROCKER CURVE

FLEX ZONE CHARACTERISTICS



LINEAR AXIS FLEX Liquid Rail strategically placed longitudinally in the tips to give the board an independent flex from center to rail.



DUAL AXIS FLEX

Adding a horizontal element across the Flex zone to give maximum press ability to the tips.



MULTIPLE AXIS FLEX

A third axis of flex giving the rider the most vibrant torsional response and rebound. Along with having the same feeling as the 2D Flex, the 3D flex gives a more connected feel to the rider to where you can feel the flex through your feet and out to the tips and tails.

FINS





09 | BOAT | WAKEBOARDS

BINDING TECH BINDING TE

The #1 choice of the worlds top cable riders! The LIQUID FORCE 4D[™] chassis delivers a precise, responsive ride like no other binding system. The 4D[™] chassis features the patent protected 45° angle attachment unique to LIQUID FORCE. Paired with the LIQUID FORCE Flextrack[™], the 4D[™] system bindings are the ultimate ride for cable riders of any ability.

01. WALK OUT REFLEX LINER

For 2023 the walk-out reflex liner provides all the support you need for performance wakeboarding. The new walk-out reflex liner surrounds your foot in comfort with custom conforming elastic laces and velcro top strap for locked in security. The walk-out liner bottom has a lightweight sole with durable rubber traction pods and built in drainage system.

02. DUAL DENSITY FOAM CONSTRUCTION

Firm HD foam skin provides structural support, while low density foam surrounds and conforms to your foot for a comfortable and secure locked in feeling.

03. DRAINAGE HOLES

water can escape with ease with provided drainage holes.

04. FRAME RAIL

Frame rail geometry, combined with glass filled nylon construction and honeycomb cross bracing makes the 4D™ chassis the stiffest, lightest, most responsive binding ever.

05. 4D™ CHASSIS

4D[™] chassis has the smallest footprint which allows the board to perform at its truest flex with maximum response.



06. LOCKING STANCE ADJUSTMENT

Stance angles are fully locked in from 0-18° with mirco adjustable teeth. Nylon angle locks secure your custom stance.

07. GLUE-LESS LOCKING FRAME

The 6X chassis system features a glue less locking frame upper assembly. Our more sustainable assembly process reduces negative environmental impacts during production.

08. 45º ANGLE ATTACHMENT

45° angle attachments under foot increases leverage creating better board response.

09. HONEYCOMB FLEX FLOOR

6X[™] chassis exclusive honeycomb FlexFloor absorbs high impact landings and returns energy creating a more responsive feel.

10. CHASSIS DAMPENING SYSTEM

Light weight honey comb base provides shock reduction, water drainage and more grip for a superior stick to the board.

11. STAINLESS STEEL M6 HARDWARE

Plated M6 316 stainless steel screws for a secure connection to your board

12. WASHERS

Plastic washer for a tighter hold.

13. ANGLE LOCK

Gives a secure hold in any stance angle you choose.

- 14. TRACK MOUNTING HARDWARE Improved stainless steel hardware with added teeth
 - provides a locked in binding to board interface.

05. FRAME RAIL WING GEOMETRY

Integrated frame rail wing geometry makes the 6X the stiffest 6-inch chassis available. The glass filled nylon construction and honeycomb cross bracing makes the 6X™ chassis the stiffest, lightest, most responsive 6 inch binding ever.

06. LOCKING STANCE ADJUSTMENT

Locking stance adjustment stance angles are fully locked in from 0-18° with micro adjustable teeth. Nylon angle locks are compatible with the Liquid Force 6R chassis system.

07. 6" WIDE ATTACHMENT

The 6X[™] chassis is universally compatible with all insert and Liquid Force flex track boards!

08. HONEYCOMB FLEX FLOOR

6X[™] chassis exclusive honeycomb FlexFloor absorbs high impact landings and returns energy creating a more responsive feel.

09. GLUE-LESS LOCKING FRAME

The 6X chassis system features a glue less locking frame upper assembly. Our more systainable assembly process reduces negative environmental impacts during production.

10. CHASSIS DAMPENING SYSTEM

Light weight honey comb base provides shock reduction, water drainage and more grip for a superior stick to the board.

11. STAINLESS STEEL M6 HARDWARE Plated M6 316 stainless steel screws for a secure connection to your board.

The LIQUID FORCE 6XTM chassis system is a state of the art 6 inch Wide binding. Created by a dream team of world class athletes and Relentless designers, the liquid force $6X^{TM}$ chassis is the foundation for new family of lightweight, comfortable and responsive bindings. Compatible with any wake board, the $6X^{TM}$ chassis delivers fun and performance for boat and cable riders alike.

01. REFLEX LINER

For 2022 the Reflex liner provides all the support you need for performance wakeboarding. The reflex liner surrounds your foot in comfort with soft foam and a floating tongue design. The Reflex liner bottom has a lightweight EVA sole with built in drainage system.

02. DUAL DENSITY FOAM

Firm HD foam skin provides structural support, while low density foam surrounds and conforms to your foot for a comfortable and secure locked in feeling.

03. DRAINAGE HOLES

Water can escape with ease with provided drainage holes.

04. 6X[™] CHASSIS

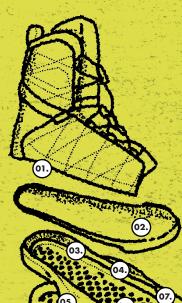
The Liquid Force 6X[™] packs comfort, support and performance in a stiff light weight package.





The Liquid Force 6X[™] Open Toe Chassis System is a state of the art 6 inch binding. The LIQUID FORCE 6X[™] Open Toe is new, easy to use, lightweight, comfortable and responsive. Compatible with any wake board, the 6X[™] chassis delivers fun and performance for beginners, intermediates and advanced riders.

- 01. TWO STAGE CUSHIONING SYSTEM Impact EVA and Honeycomb Flexfloor™ provide comfort and support.
- **02. 6X IMPACT EVA MIDSOLE** Nylon injected toe cap gives response and structure.
- 03. 6X[™] CHASSIS The LIQUID FORCE 6X[™] packs comfort, support and performance in a stiff light weight package.
- 04. FRAME RAIL WING GEOMETRY Integrated frame rail wing geometry makes the 6X the stiffest 6-inch chassis available. The glass filled nylon construction and honeycomb cross bracing makes the 6X[™] chassis the stiffest, lightest, most responsive 6 inch binding ever.
- 05. 6" WIDE ATTACHMENT The 6X™ chassis is universally compatible with all insert and LIQUID FORCE Flex Track boards!



06. HONEYCOMB FLEX FLOOR

6X[™] chassis exclusive honeycomb FlexFloor absorbs high impact landings and returns energy creating a more responsive feel.

07. GLUE-LESS LOCKING FRAME

The 6X chassis system features a glue less locking frame upper assembly. Our more sustainable assembly process reduces negative environmental impacts during production.

08. LOCKING STANCE ADJUSTMENT

Locking stance adjustment stance angles are fully locked in from 0-18° with micro adjustable teeth. Nylon angle locks are compatible with the Liquid Force 6R chassis system.

09. CHASSIS DAMPENING SYSTEM

Light weight honey comb base provides shock reduction, water drainage and more grip for a superior stick to the board

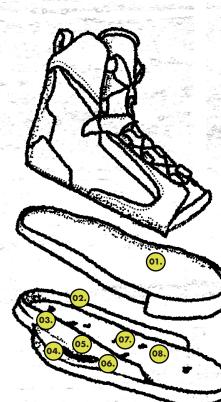
10. STAINLESS STEEL M6 HARDWARE Plated M6 316 stainless steel screws for a secure connection to your board.



The 6R bindings reimagines performance and maximum comfort for beginners and intermediate riders. The 6R chassis delivers the benefits of our advanced binding technology in a new easy to use package. 6R chassis is a stable and supportive platform ideal for aspiring riders of any age. The 6R delivers wakeboarding fun for everyone in the boat.

> 01. TWO STAGE CUSHIONING SYSTEM Impact EVA and Honeycomb Flexfloor™ provide comfort and support.

- **02. GLUE-LESS LOCKING FRAME** The 6R chassis system features a glue less locking frame upper assembly. Our more sustainable assembly process reduces negative environmental impacts during production.
- O3. 6R[™] CHASSIS The 6R chassis delivers advanced technology in a new easy to use and fun to ride package.
- **04. LOCKING STANCE ADJUSTMENT** Stance angles are fully locked in from 0-18° with micro adjustable teeth. Nylon angle locks are compatible with the Liquid Force 6X chassis system.



05. 6" WIDE ATTACHMENT

10.

The 6R[™] chassis is universally compatible with all inserts and Liquid Force Flextrack[™] boards!

06. FRAME RAIL WING GEOMETRY

Integrated frame rail wing geometry provides stiffness and support for a stable predictable ride. The 6R frame geometry and glass filled nylon structure deliver durability and performance.

07. FRAME RAIL WING GEOMETRY

Integrated frame rail wing geometry provides stiffness and support for a stable predictable ride. The 6R frame geometry and glass filled nylon structure deliver durability and performance.

08. TWO STAGE CUSHIONING SYSTEM

Impact EVA and Honeycomb Flexfloor™ provide comfort and support.

09. STAINLESS STEEL M6 HARDWARE Plated M6 316 stainless steel screws for a secure connection to your board.









PULSE 4D™



43







IDOL 4D™

VARROW TO MEDIUM FIT | FIRM FLEX PROFILE

43



AERO 6X™ BLACK

MEDIUM TO WIDE FIT | MEDIUM FLEX PROFILE

SX

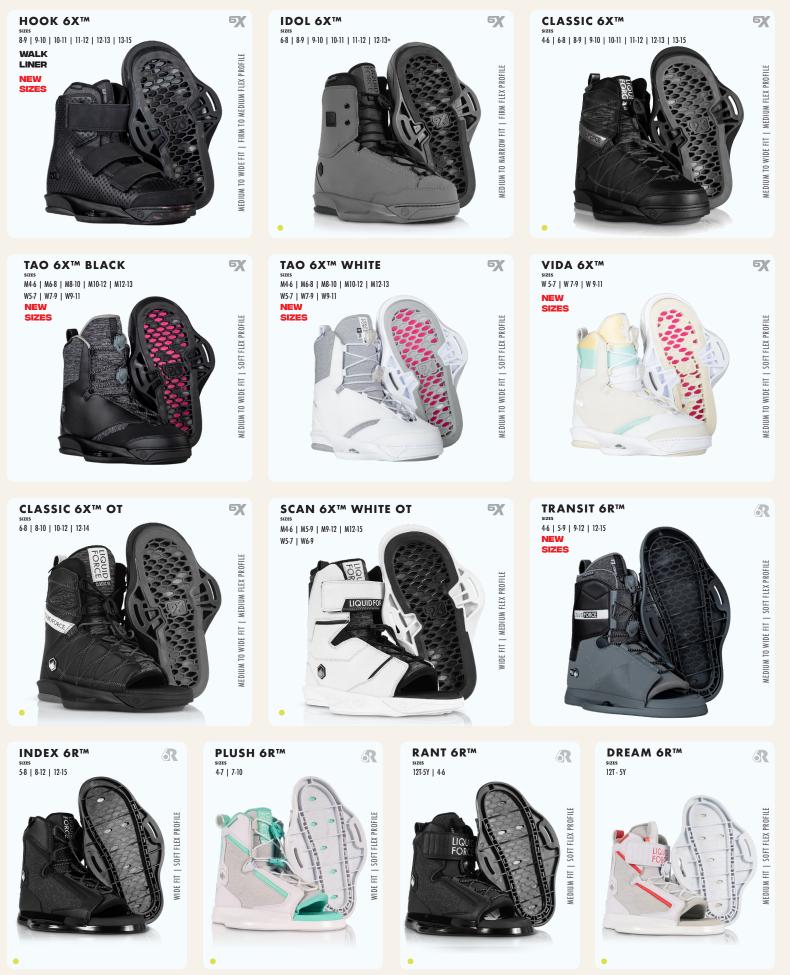




PULSE 6X™ R sizes 8-9 | 9-10 | 10-11 | 11-12 | 12-13+

2

MEDIUM TO WIDE FIT | MEDIUM FLEX PROFILE



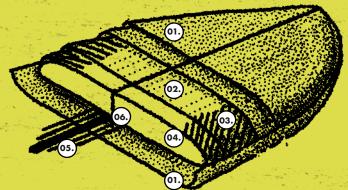




WAKESUKJEK CONSIK

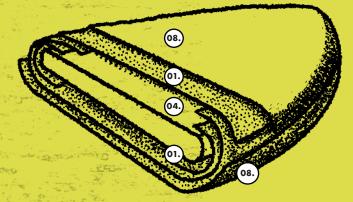
ATOMIC SERIES

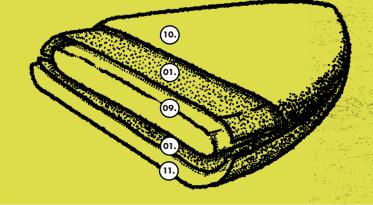




DURASURF CONSTRUCTION

BREAKTHROUGH CONSTRUCTION

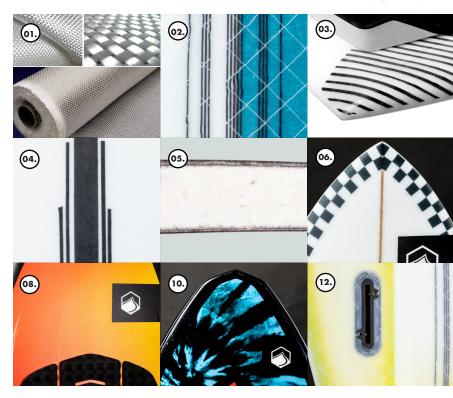




GLOSSARY OF TERMS

- 01. FIBERGLASS LAMINATION Multiple glass layers for optimum strength/weight ratio.
- 02. CARBON INNEGRA Impact strength and durability.
- 03. CARBON RAIL WRAP Protection against rail dings and heel dents.
- 04. EPS CORE Lightweight EPS foam core.
- **05. CARBON TAPE** Added stiffness and response.
- **06. SURF STRINGER** Thin wood stringer for light weight performance and response.

- 07. SKIM STRINGER Thicker wood stringer for rocker trueness in thin profile shapes.
- **08. DURA SHELL** Durable outer shell that protects and stiffens.
- **09. PU CORE** Durable molded polyurethane core.
- 10. PBT TOP SHEET Glossy graphic substrate.
- NEXUS BASE Lightweight fabric graphic layer.
- 12. FIN BOX Allows fins to be easily removed and adjusted



JUICH AND MARE UP THE BREAKDOWN

H L C S R I E S

ATOMIC SERIES

Space age technology and materials, as well as cutting edge shapes make these the lightest, fastest, and most aggressive in our lineup. If the Ultimate in High Performance Skim Style or Surf Style boards are what you're looking for, the ATOMIC Series is where the search starts and ends.

FLEET SERIES

Specific, tried and true designs built with lightweight and strong materials to move and react quickly and efficiently!



DURA-SURF SERIES

These boards combine high performance with our most durable, lightweight construction... whether you're looking for a skim style or surf style, the CNC EPS cores with a wrapped outer shell are meant to take a beating and keep coming back for more!



BREAKTHROUGH SERIES

All boards in this series are designed to help the entry level surfer "BOOST" to the next level of performance. All boards feature a super durable PU compression molded design, beveled forgiving rails, and EVA deck pads with large surface area.





COMPOSITE MOLDED BOLT ON

Injected polymer for a strong easy to use fin that mounts into any LF Surfboard thru holes



CARBON HONEYCOMB

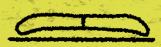
Our Lightest weight most durable fin with a carbon base to provide stiffness and flex and a honeycomb tip to reduce weight and give the perfect amount of Flex

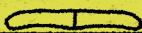


COMPOSITE DUAL TAB Injected polymer for a strong easy to use fin that mounts into any LF Surfboard with a fin box



SINGLE CONCAVE STING





DOUBLE CONCAVE

SPACE POD

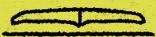
FIBERGLASS

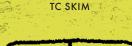
Classic fin construction of durable

fiberglass to provide a strong efficient

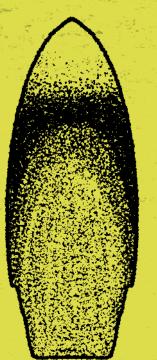
fin

VENTURI CONCAVE (SINGLE TO DOUBLE) BONZER

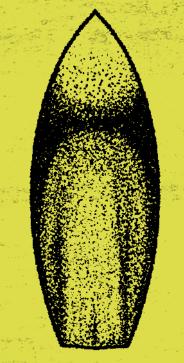




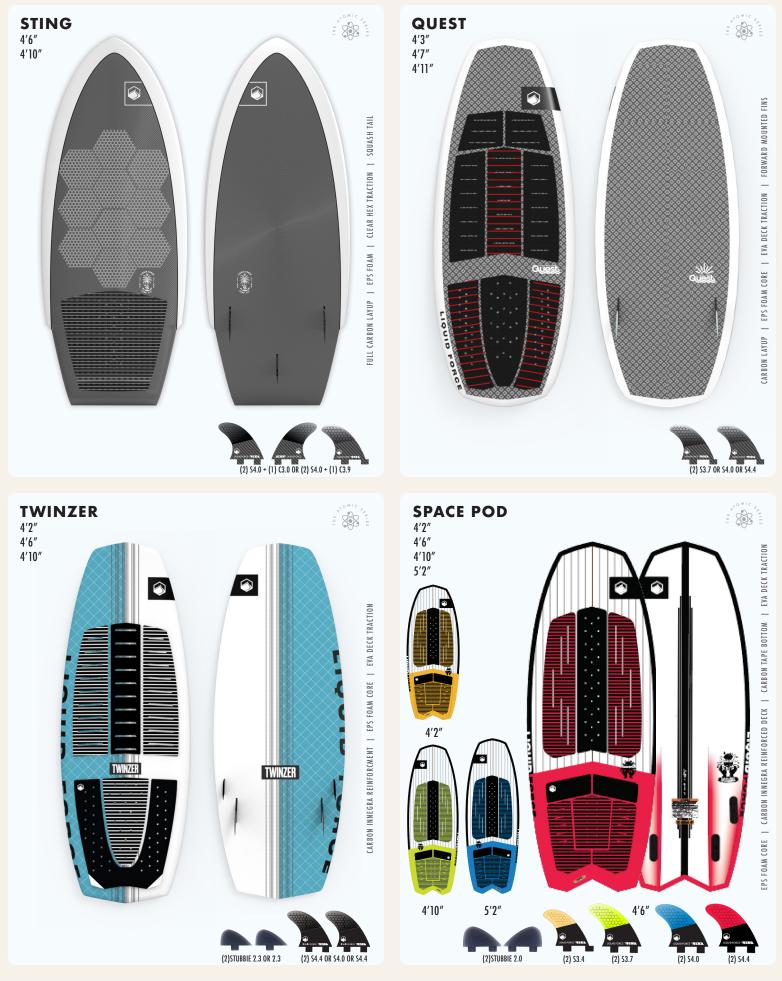
CHANNEL HULL





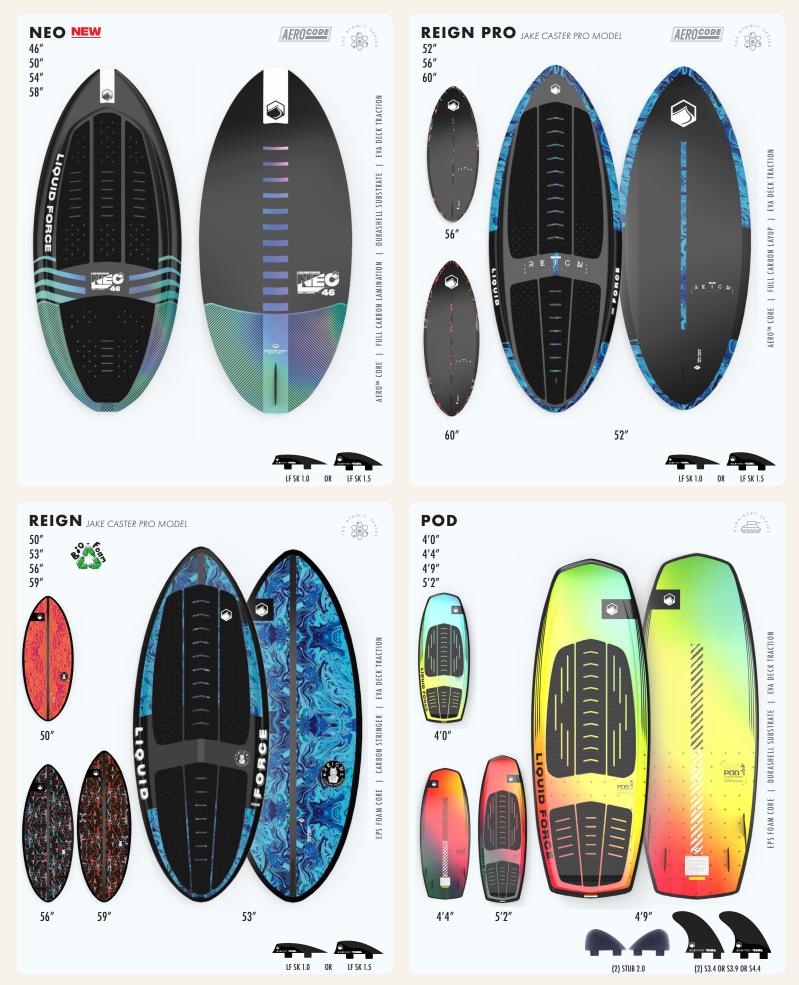








19 | WAKESURF | BOARDS



20 | WAKESURF | BOARDS













WOOD CORE | PTEX GRIND BASE | CLEAR TRACTION | LIQUID RAILS

39"& 41" SAME GRAPHIC

PRIMO TOMMY CZESCHIN PRO MODEL 4'0" | 4'5" | 4'10" | 5'3" EPS FOAM CORE | DURASHELL SUBSTRATE | SKYE WALKER ART | EVA DECK TRACTION 10 \odot ۲ 4'0" 4'5' 4'10' (2) SK1.0 OR SK1.5 (2) S3.4 OR S3.9





FOCUS SKATE 42" | 44" WOOD CORE | EVA DECK TRACTION

44″

42″





FULL DECK TRACTION PAD

Tip to tail & rail to rail. Its covered. Covered in soft, forgiving EVA foam that just screams HAVE FUN. With engineered textured pattern directly into the deck you get that perfect grip and ultra soft board.

DOUBLE STRINGER EPS CORE

Just because they are foamies doesn't mean they are little baby weak things. In fact, they are the opposite. The double fiberglass stringer gives it rigidity and extra strength to really lay into those turns and those gnarly tricks.



DURABLE PVC BOTTOM

These boards can take a beating. The patented PVC hull material is built for durability and reliability getting from your garage to the water.

Wekefoenles



Foils can be ridden in just about any condition. That is the beauty of it. Foils allow the previously unrideable to be ridden and give new life to the status quo. Within the seemingly endless variety of conditions that occur, there are designs that are better suited for the condition. Bigger waves will require smaller faster foils while smaller waves need bigger foils. The Horizon line (Medium-Aspect) covers pretty much all conditions you will find yourself in a lake. The 190 will work for jetskis and direct drives. The 155 will work on any watercraft that can tow you. The 120 will be best suited for your traditional surf/wake boat. The Glider line (High Aspect) will take you even further. The 115 works great for your surf boat. The 95, while also working in those conditions, will get you out into the ocean surf as your foiling expands into new realms.

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.

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.

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 reachhigher 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.

ASPECT RATIO

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.





FOIL CHART

				FL	GHT – FROI	NT 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	-	-
					.IGHT – REA						

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	х	х	х
H24	CARBON	240	37	5.7	8	MEDIUM	MEDIUM	MEDIUM	х		х
TC28	CARBON	280	40	5.7	8	GREAT	MEDIUM	GREAT	х		
FLITE	POLYMER	278	39	5.4	9	GREAT	LOW	MED-LOW	х		

			AĽ	TITUDE – MA	STS		
MAST	STIFFNESS	CONSTRUCTION	SPEED	BOAT WAKE	WING	PRONE	LEARNING
CARBON 32"	МАХ	CARBON	FAST		х	х	
CARBON 28"	МАХ	CARBON	FAST	х	х	х	
ALLOY 28"	GREAT	EXTRUDED ALLOY	MEDIUM	х	х	х	
ALLOY 24"	GREAT	EXTRUDED ALLOY	MEDIUM	х			х

			WHEEL BAS
FUSELAGE	STABILITY	MANEUVERABILITY	CONSTRUCTION
CARBON 44"	GREAT	MAX	CARBON
CARBON 54"	MAX	GREAT	CARBON
ALLOY 44"	GREAT	мах	CNC ALUMINUM
ALLOY 54"	МАХ	GREAT	CNC ALUMINUM
			DECKS – F
POARD		CONSTRUCTION	WAKESURF COMPA
BOARD	ABILITY	CONSTRUCTION	WARESURF COMPA
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	BREAKTHROUGH	

GLOSSARY OF TERMS

01. CARBON PRE-PREG CONSTRUCTION All of our foil wings and carbon masts are constructed with a high density foam core wrapped in 100% pre pregged carbon to make a lightweight, extremely durable end product.

02. EXTRUDED ALUMINUM

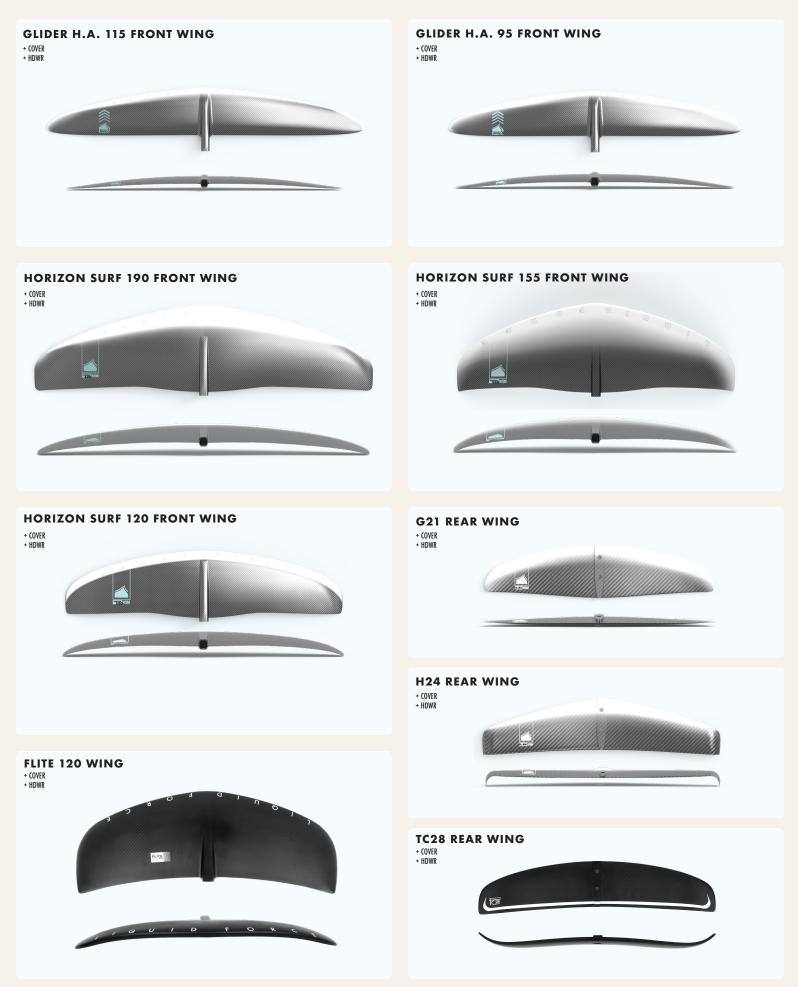
Aluminum 6061 alloy that is lightweight and extremely durable.

03. TITANIUM CORE (on the carbon fuselages) High strength and corrosion resistant titanium core.

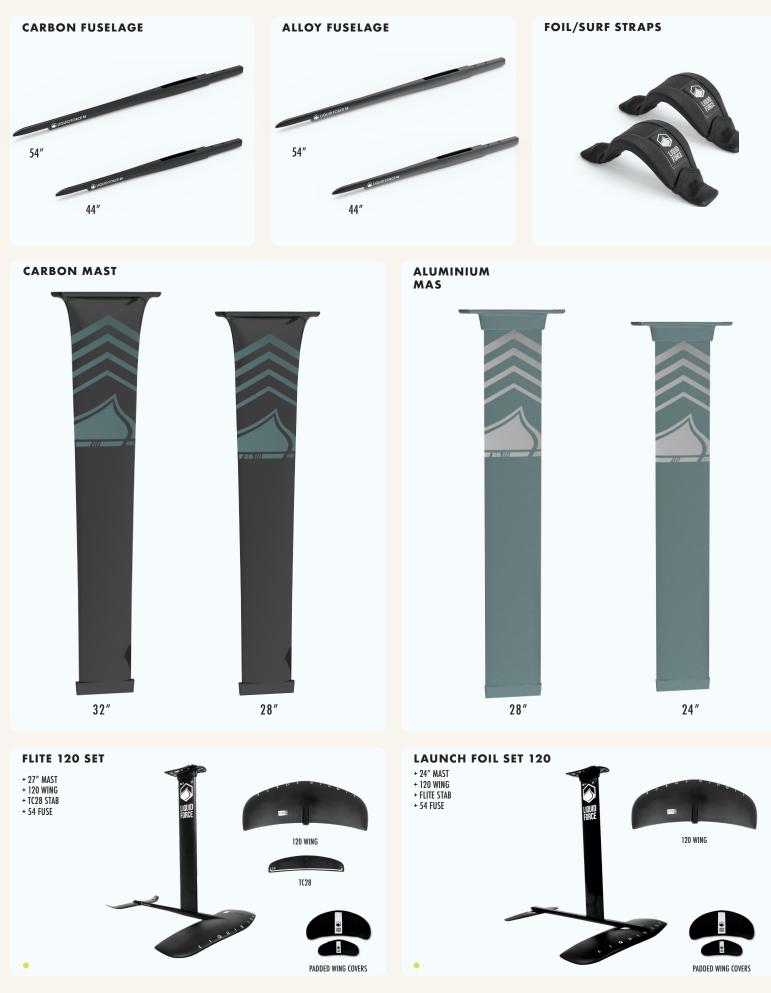
04. LIGHTWEIGHT HIGH DENSITY FOAM (WINGS AND MASTS)

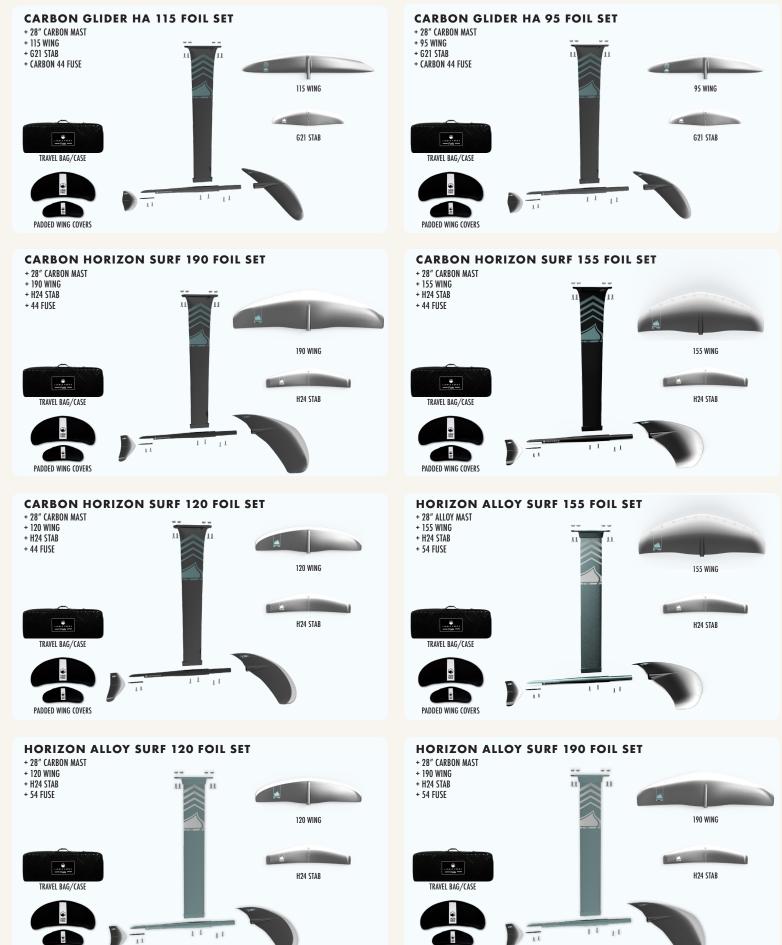
Patented foam core designed specifically for use in hydrofoils to for superior strength and minimal weight

05. CNC ALUMINUM Precision cnc'd 6061 aluminum alloy. Anodized finish for corrosion resistance.



27 | FOILS | WINGS

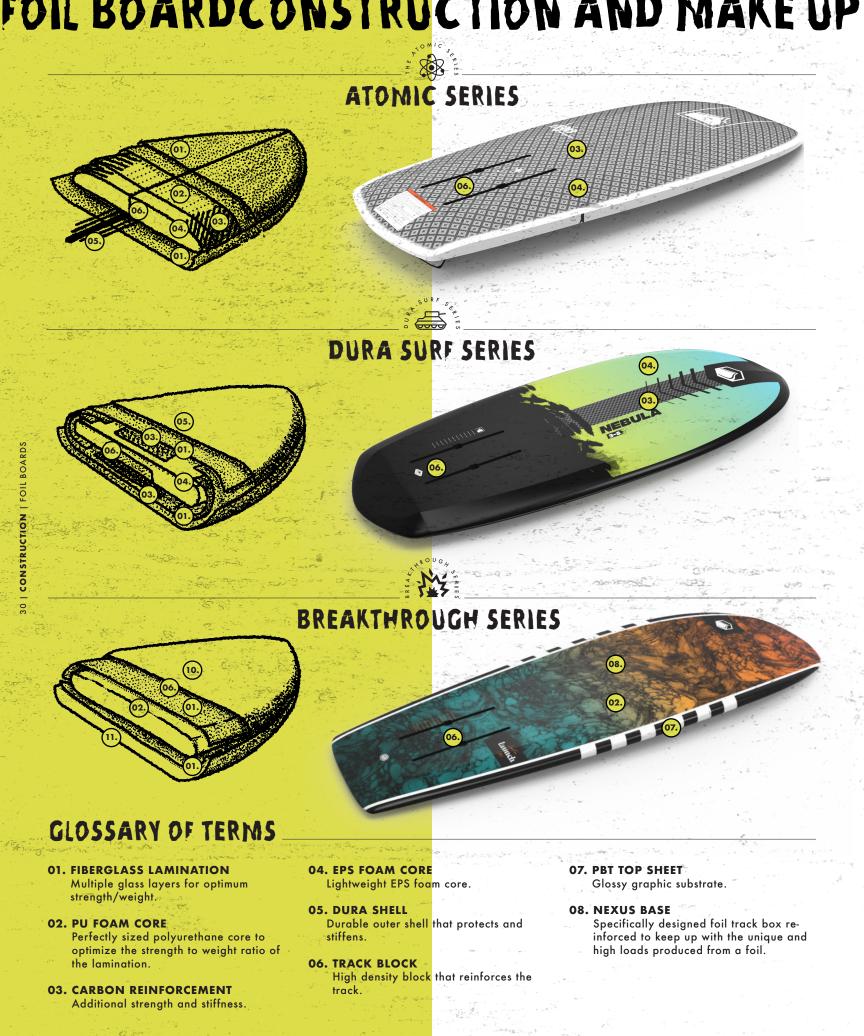




PADDED WING COVERS

29 | FOILS | SETS

PADDED WING COVERS





31 | FOIL | BOARDS

For over 25 years Liquid Force has been dedicated to having fun safe while having a great time. We are committed to making the most comfortable, functional and safe life jackets for every watersport enthusiast. We take our time to design and test every CGA life jacket to meet the highest standards for safety and flotation.

Whether you're wakeboarding, boating, floating or foiling we offer a life jacket to fit your needs and abilities. For 2023, we continue to honor wakeboarding heritage and commitment to having fun safely with our coast guard approved vests.

At LIQUID FORCE our wakeboarding heritage also means helping riders push their own person performance limits. Our Competition vests feature more innovative designs and materials than any other brand! With features like exclusive Stitch-less Flex Panel Architecture, Poly Armour, PVX Stretchable foam, Chill stopper Lining, Bio-Spine 3D Curve pattern, and V-Flex shoulder pattern, LIQUID FORCE delivers performance, comfort, and Style!

GLOSSARY OF TERMS

01. BIO-SPINE 3D CURVE

LIQUID FORCE EXCLUSIVE- The radical new bio-spine is a 3D spinal curve down the back of the vest that creates a convex flex space for your shoulders, then transitions to a supporting spline hugging concave at your lower back. This new design allows a perfect fit that stays with you.

02. PERFORMANCE FIT

LIQUID FORCE Performance fit vests provides advanced riders with a close fitting second skin. The tapered pattern fits securely without sacrificing your range of motion. With a close fitting waist and extra shoulder space the performance fit locks you in but gives you room to move.

03. COMFORT FIT

LIQUID FORCE comfort fit vests have an accommodating pattern for a relaxed feel. The straight pattern fits all body types without sacrificing your range of motion. Wider arm holes and generous neck opening fit just right.

04. CGA BUCKLES

Coast Guard Certified Buckles Keep you locked in!

05. CHILL STOPPER LINING

GALIFE JACKET

This unique stretchable fleece lining fabric keeps you feeling warm on the cool days and the soft-brushed surface always feels great on your skin!

06. PVX



刹

Light soft, strechable, flexible and provides impact protection and flotation. U.S. Coast Guard Approved Formula.

07. PVE Ultra-light, supportive structure



08. SECTION FLEX / FLEX ARCHITECTURE

provides excellent floation.

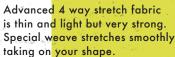
Number callouts indicate how many individual flex panels are on each vest.

09. V-FLEX SHOULDER PATTERN

LIQUID FORCE EXCLUSIVE- The V-Flex is a pattern part located between your shoulder-blades and stretches as you move. The V-Flex pattern expands letting you move without restriction.

10. FLEX-SPAN POLY





CHEST SIZES

28"- 32" X-SMALL 32"- 36" SMALL 36"- 40" MEDIUM 40"- 44" LARGE 44"- 48" X-LARGE 48"- 53" XX-LARGE



11. FLEX-SPAN NEOPRENE

Like a second skin, this super strechable neoprene fabric has been engineered to move with you, absorb less water, and dry fast.



12. POWER-FLEX NEOPRENE

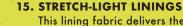
This smooth stretching neoprene is extra durable and supportive. Power-flex locks you in... comfortably!

13. SPEED-SKIN NEO

Super smooth neo stretches like no other and quickly sheds water as you get up to speed.

14. AIR-PRENE

Our flex-span neo fabric with an extra ventilation feature. Air-Prene is ultra breathable and stretchable. Water and air flow for comfort and fast drainage.



This lining fabric delivers the ultimate in comfort as it absorbs less water and dries fast to keep you comfortable.

16. POLY ARMOUR

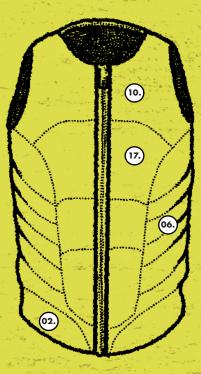


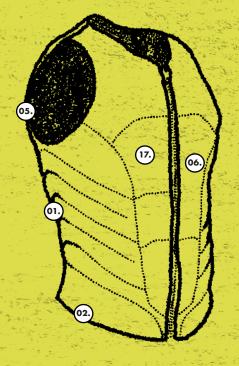
LIQUID FORCE EXCLUSIVE- Ultra-light, impact resistant body armour panels provide extra protection for spine and chest impacts.

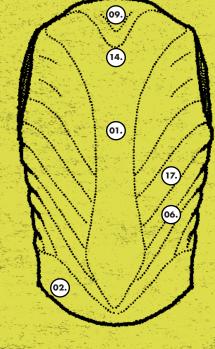


DCOMP VEST IECH

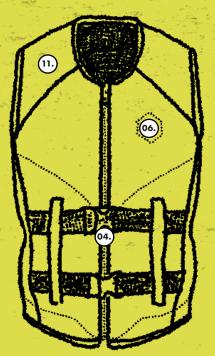
COMPETITION VEST SPECTOR

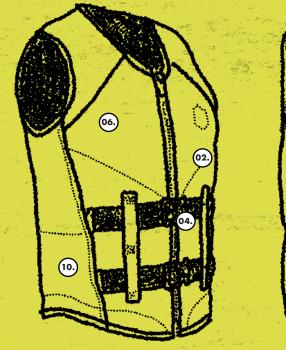


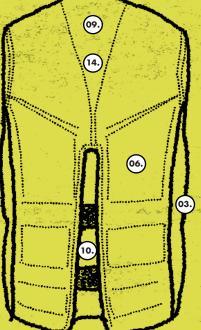


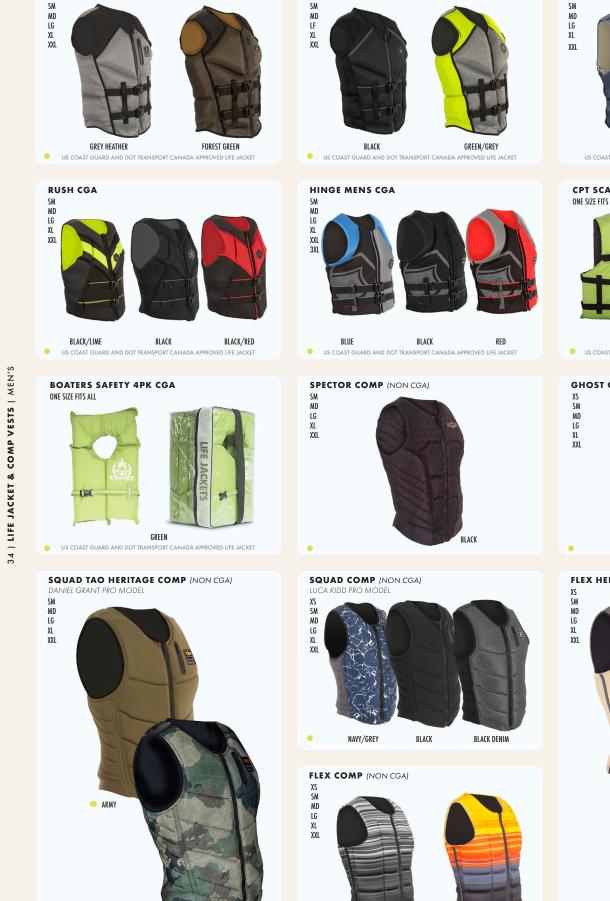












WATSON CGA



AXIS HERITAGE CGA



CPT SCALLYWAG 4PK CGA ONE SIZE FITS ALL





GREEN US COAST GUARD AND DOT TRANSPORT CANADA APPROVED LIFE JACKET

GHOST COMP (NON CGA)

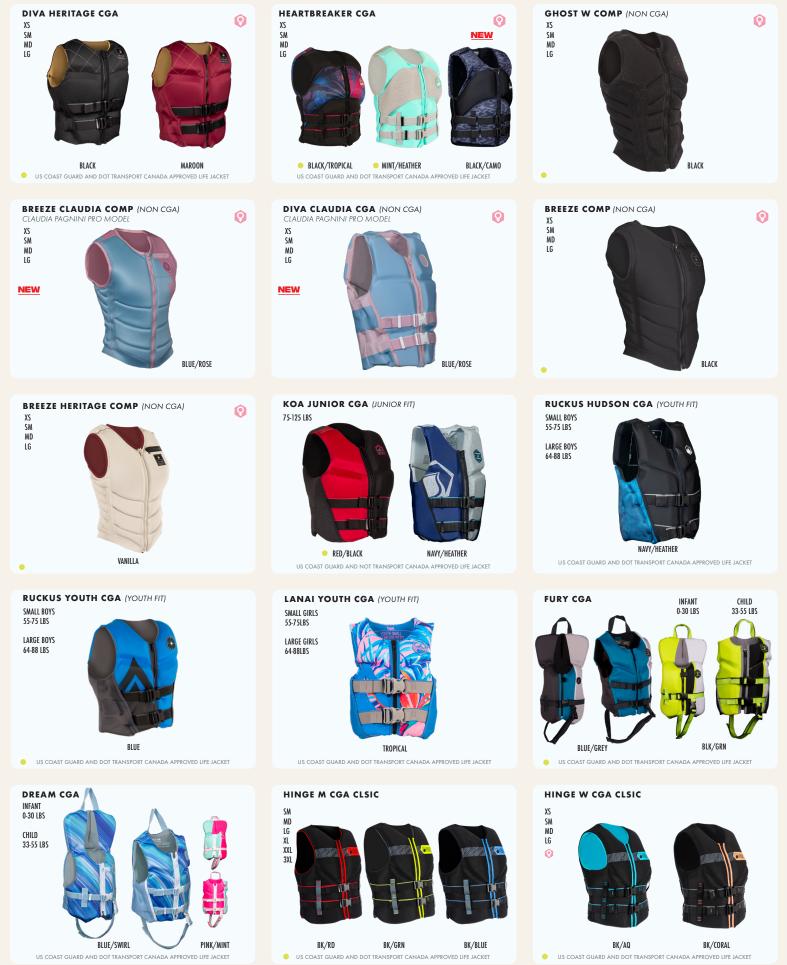


FLEX HERITAGE COMP (NON CGA)



CAMO

WATSON HERITAGE CGA



35 | LIFE JACKET & COMP VESTS | WOMEN'S & KIDS





NICO (NICO VON LERCHNFELD PRO MODEL) SM MD LG XL





THE LIQUID FORCE BOAT DEFENDER PROTECTS YOUR BOAT FROM BUMPS, SCRAPES, AND SCRATCHES WHILE PARKING YOUR BOAT.



LIQUID FORCE made the Boat Defender with hull hugging contours, and two pass throughs that allow your dock ties clear access to cleats and pilings with the fender installed

he LF Boat Defender features our durable, non-marking, high-density 2-TUFF EVA foam construction for ultimate protection between your boat and parking/ docking surfaces.

The LF Boat Defender features a secure quick cleat attachment system which lets it attach quickly and securely to your boat, docks, or pilings.

The locking system is SUPER easy to use! Simply loop the line over the cleat or piling and pull the knotted end toward you. As you pull, the rope locks into the cleat. To release or re-adjust, simply pull the rope away from you.

• MODERN STREAMLINED DESIGN

- DURABLE INJECTION MOLDED 2-TUFF EVA
- 22" LONG X 8" WIDE X 4" THICK

LIQUIDEORE

- PROTECTS THE RUB RAIL AND GEL COAT ON YOUR BOAT
- CLOSED-CELL FOAM WILL NOT ABSORB WATER
- NON-MARKING SURFACE FINISH
- QUICK-RELEASE ADJUSTABLE LOCKING CAM CLEAT THAT
 IS SUPER EASY TO USE!
- SECURE ATTACHMENT TO BOATS AND DOCKS

BOAT DEFENDER



DARK GREY

BLUE

LIGHT GREY



WAKESURF EDGE MEGA WAVE FOLDING SHAPER 250

NEW



BOAT COMPATIBILITY

The Liquid Force Wake Surf Edge Mega Wave will make big wakes BIGGER! Recommended for Boats 21' or longer. The WSE Mega 250 requires a mounting surface 5" tall by 12" long clear of hull steps greater than 3/8". The WSE edge suction cups will accommodate hull curvature.

HUGE WATER DISPLACEMENT WING FOR MAXIMUM WAVE HEIGHT!

Largest Wake Shaper Face 14" x 18" = 252sq inch face

PATENTED CONCAVE WATER CHANNELING WING Our concave channeling wing surface pushes more water to increase the length of the wave, while keeping the face

super clean!

SUPER STRONG SUCTION CUP ATTACHMENT

Our 4.5 inch rubber suction cups won't damage gel coat or leave black markings on your boat.

EASY TO ADJUST ON THE FLY, NO UGLY VELCRO OR SAFETY TETHERS REQUIRED.

Made with Durable Rust Free Materials . We Build the WakeSurf Edge with impact resistant, lite weight glass filled nylon and rust free stainless steel hardware. Our shaper is long lasting; won't rust or stain your boat.

BUILT IN FLOTATION

Don't worry about your wake shaping investment sinking to the bottom. The Wakesurf Edge wing is rotomolded and sealed air tiaht.

MAKE THE MOST OF THE MEGA WAKE SURF EDGE

Recommended boat 21' or longer, have a 325hp engine or greater, and 2000 pounds of factory and/or Sumo water ballast system. Level load your boat to keep the nose down for the captain's visibility and a longer wake.

WAKESURF EDGE PRO SHAPER II 145









BOAT COMPATIBILITY

The Liquid Force Wake Surf Edge Pro II will improve the wake of boats large and small. The WSE Pro II 150 requires a mounting surface 5" tall by 12" long clear of hull steps greater than 3/8". The WSE edge suction cups will accommodate hull curvature.

LARGE WATER DISPLACEMENT WING FOR MAXIMUM WAVE HEIGHT. Wake Shaper Face 9" x 16" = 144sq inch face

PATENTED CONCAVE WATER CHANNELING WING

Our concave channeling wing surface pushes more water to increase the length of the wave, while keeping the face super clean!

SUPER STRONG SUCTION CUP ATTACHMENT

Our 4.5 inch rubber suction cups won't damage gel coat or leave black markings on your boat.

EASY TO ADJUST ON THE FLY, NO UGLY VELCRO OR SAFETY TETHERS REQUIRED.

Made with Durable Rust Free Materials. We Build the WakeSurf Edge with impact resistant, lightweight glass filled nylon and rust free stainless steel hardware. Our shaper is long lasting; won't rust or stain your boat.

BUILT IN FLOTATION

Don't worry about your wake shaping investment sinking to the bottom. The Wakesurf Edge wing is rotomolded and sealed air tight.

MAKE THE MOST OF THE WAKE SURF EDGE

We recommend a Sumo water ballast system. Level load your boat to keep the nose down for the captain's visibility and a longer wake.



WAKESURF EDGE INLINE PRO 145



BOAT COMPATIBILITY

The Inline Shaper is designed to fit hulls with more complicated surface designs. This shaper needs a flat surface measuring $3^{\circ\prime}$ tall by $13^{\circ\prime}$ long. If there is a lip/step above the attachment area on your hull that protrudes more than $2^{\circ\prime}$, then you will need a little more space. If your hull has an outward curve of more than $1/4^{\circ\prime}$ over $5^{\circ\prime}$, this shaper is exactly what you need!

INLINE SUCTION CUP ATTACHMENT

One New Inline shaper is designed to fit radically stepped hulls with narrow strakes and heavy curves. 5 inline 2 inch rubber suction cups securely grip the hull and won't damage gel coat or leave black markings on your boat. Easy to adjust on the fly, No ugly Velcro or safety tethers required.

LARGE WATER DISPLACEMENT WING FOR MAXIMUM WAVE HEIGHT.

Wake Shaper face 9" x 16" = 144sq inch face

PATENTED CONCAVE WATER CHANNELING WING

Our concave channeling wing surface pushes more water to increase the length of the wave, while keeping the face super clean!

MADE WITH DURABLE RUST FREE MATERIALS

We Build the WakeSurf Edge with impact resistant, lite weight glass filled nylon and rust free stainless steel hardware. Our shaper is long lasting; won't rust or stain your boat.

BUILT IN FLOTATION

Don't worry about your wake shaping investment sinking to the bottom. The Wakesurf Edge wing is rotomolded and sealed air tight.

MAKE THE MOST OF THE MEGA WAKE SURF EDGE

We recommend a Sumo water ballast system. Level load your boat to keep the nose down for the captain's visibility and a longer wake.



BOAT COMPATIBILITY

Teach your small boat some big boat tricks! The LIQUID FORCE WAKE SURF EDGE PRO 100 will make a small wake bigger and can fine tune a big wake into a surfing playground. This shaper needs a flat surface measuring 5" tall by 13" long. The Wakesurf edge Pro 100 helps you get the best surf performance from smaller boats.

You can use the PRO 100 with your Jet ski to build a wake perfect for foiling or combine the Pro 100 with the WSE PRO 145 or MEGA 250 on larger boats to build the perfect wall of water.

LARGE WATER DISPLACEMENT WING FOR MAXIMUM WAVE HEIGHT. Wake Shaper face 10" x 10" = 100sq inch face

PATENTED CONCAVE WATER CHANNEL-ING WING

Our concave channeling wing surface pushes more water to increase the length of the wave, while keeping the face super clean!

SUPER STRONG SUCTION CUP ATTACHMENT

Our 4.5 inch rubber suction cups won't damage gel coat or leave black markings on your boat.

EASY TO ADJUST ON THE FLY, NO UGLY VELCRO OR SAFETY TETHERS REQUIRED.

Made with Durable Rust Free Materials. We Build the WakeSurf Edge with impact resistant, lite weight glass filled nylon and rust free stainless steel hardware. Our shaper is long lasting; won't rust or stain your boat.

BUILT IN FLOTATION

Don't worry about your wake shaping investment sinking to the bottom. The Wakesurf Edge wing is rotomolded and sealed air tight.

MAKE THE MOST OF THE WAKE SURF EDGE

We recommend a Sumo water ballast system. Level load your boat to keep the nose down for the captain's visibility and a longer wake.



PLEASE VISIT THE LF WEBSITE TO SEE THE COMPLETE NEW LINE OF MALIBU / AXIS **APPROVED BALLAST BAGS.**



CRAZY - 2 PERSON

SL: ELEVATE HANDLE W/8 SEC MAIN



SL: FLOATING TUBE ROPE

GREEN - 2 PERSON

SL: ELEVATE HANDLE W/70' MAIN



WHITE - 6 PERSON

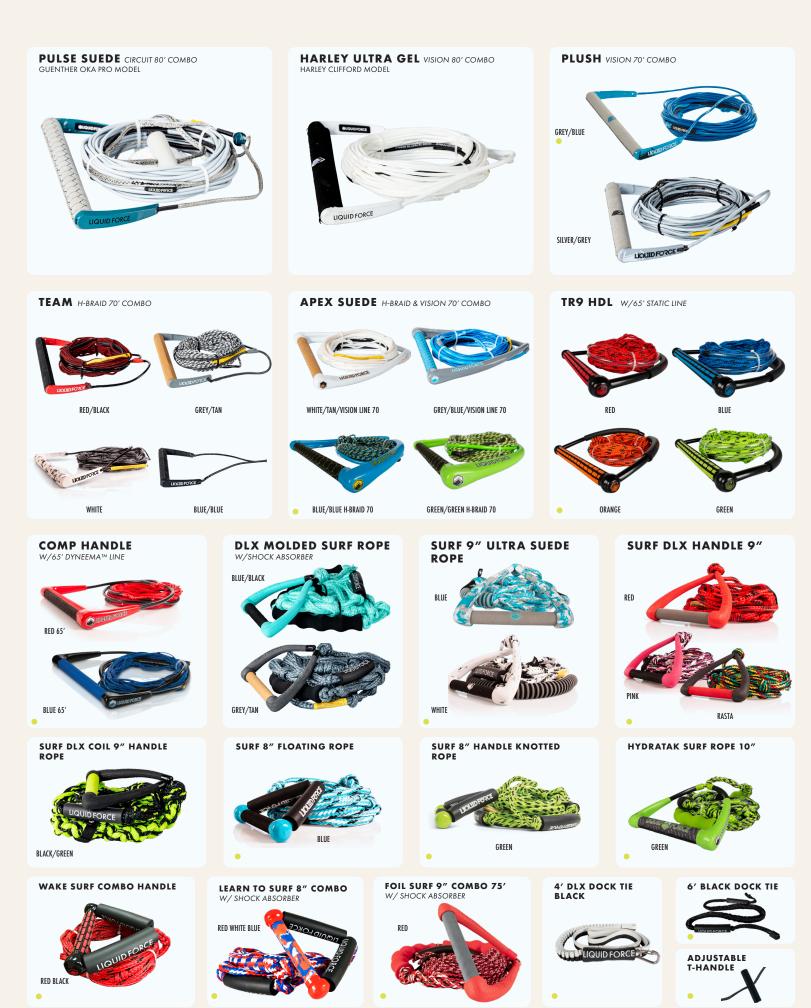
BLUE - 4 PERSON

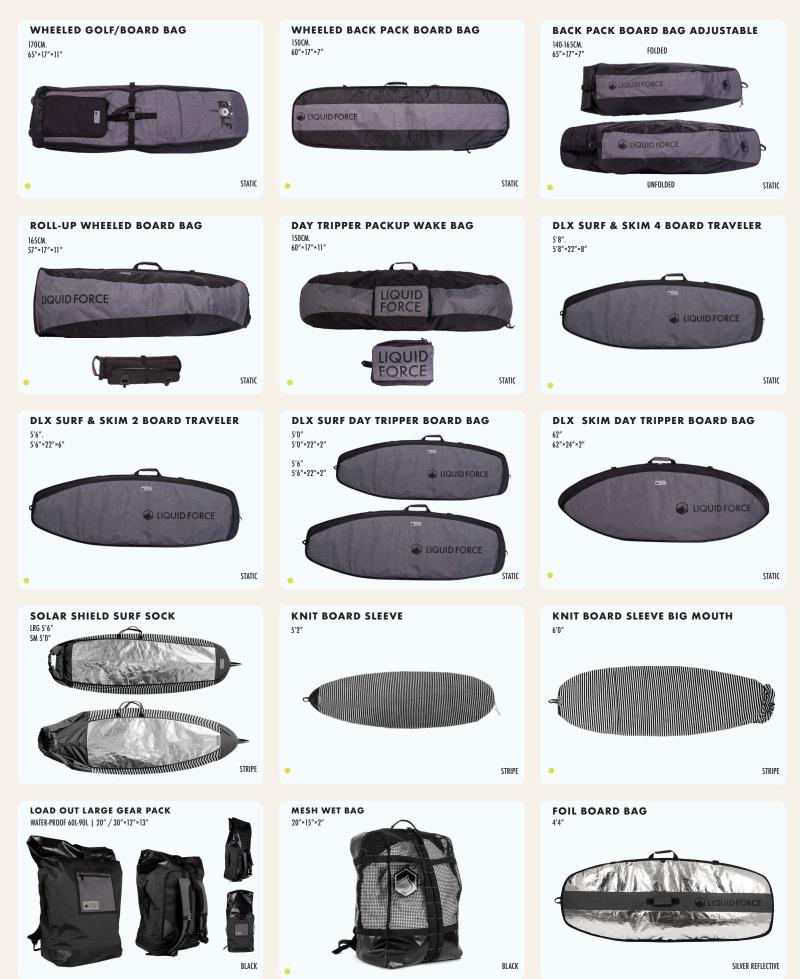
SL: LE TEAM HDL W/ HD EIGHT

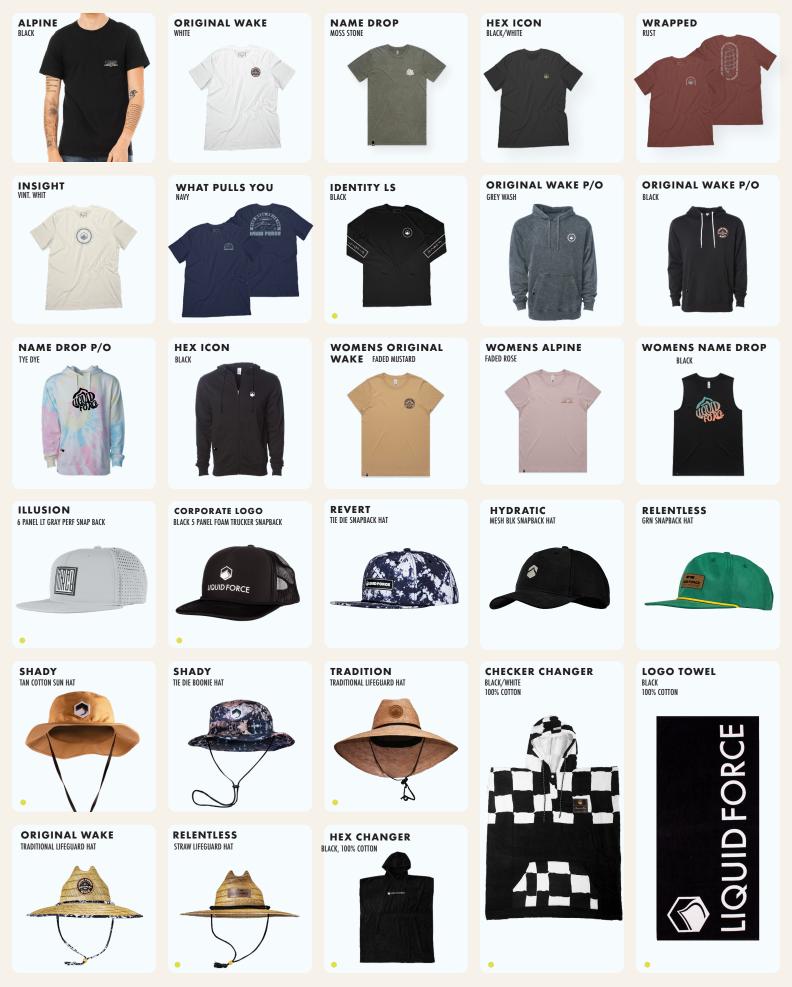


SL: ELEVATE DEEP V HANDLE W/3 SEC









43 | LIQUID FORCE | APPAREL

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LIQUID FORCE

Season 2023

NORTH AMERICAN SALES FORCE:

TYLER MOSELY - VENTURE PROVISIONS MI, IN, OH, KY MACVICAR SPORTS (JIM / NEILL) -WA, OR, AK, ID, MT, WY JUSTIN KIEFER TX, LA, OK, AR, KS, MO CHRIS PATTERSON CA, UT, N. NV JOEY LOSSON / MATT LONG AL, FL, GA, MS, NC, SC, TN, VA, WV ERIC GERNER CT, DE, MA, MD, ME, NH, NJ, NY, PA, RI, VT **CHRIS BANK** MN, WI, IL, SD, ND, NE, IA STRAT NELLOS AZ, NM, S. NV PATRICK CERNE CO **JEFF HEER** Western Canada (BC, Alberta, Saskatchewan, Manitoba) SIMON DI GIANTOMASSO Eastern and Central Canada (Quebec, New Brunswick, Nova Scotia, Ontario)

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"THANK YOU TO THE ENTIRE GLOBAL LIQUID FORCE FAMILY FOR 27 YEARS OF FUN, STOKE AND SUPPORT."

JIMMY REDMON / FOUNDER

