

▶ DUOTONE



# FOIL WING

# WHAT'S NEW



2022/23

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ENGLISH



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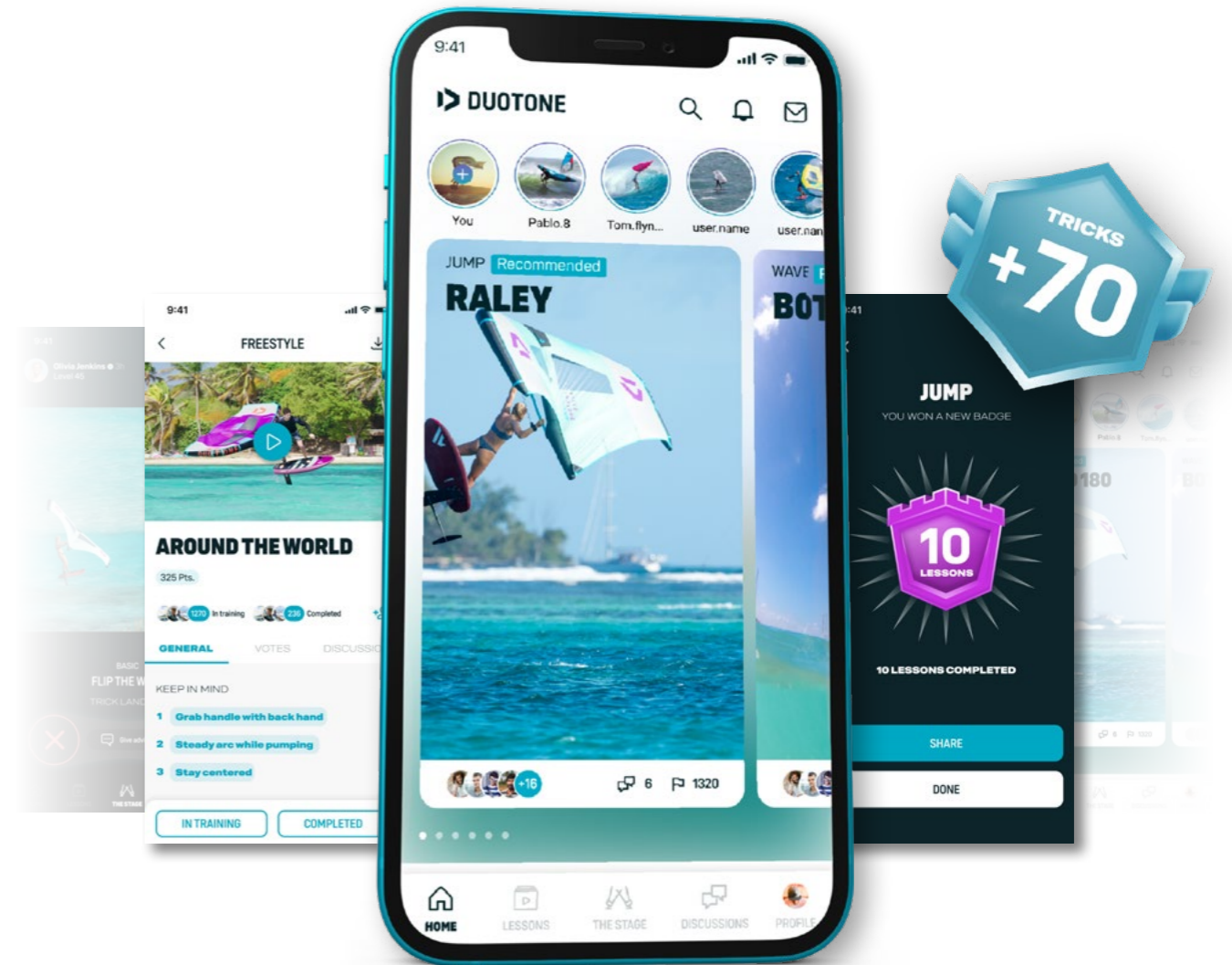
# TER

WINGFOILING

WHAT'S NEW WHAT'S NEW WHAT'S NEW







# DUOTONE WING ACADEMY

A UNIQUE TOOL TO LEVEL UP YOUR RIDING IN NO TIME



GET STARTED TODAY AND BECOME PART OF THE FUTURE OF WINGFOILING

IN COOPERATION WITH **FANATIC**

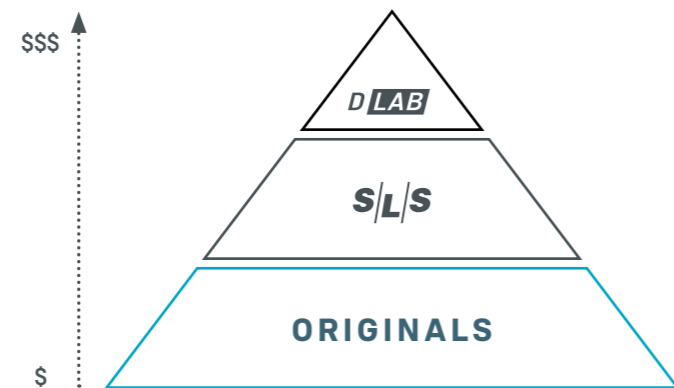


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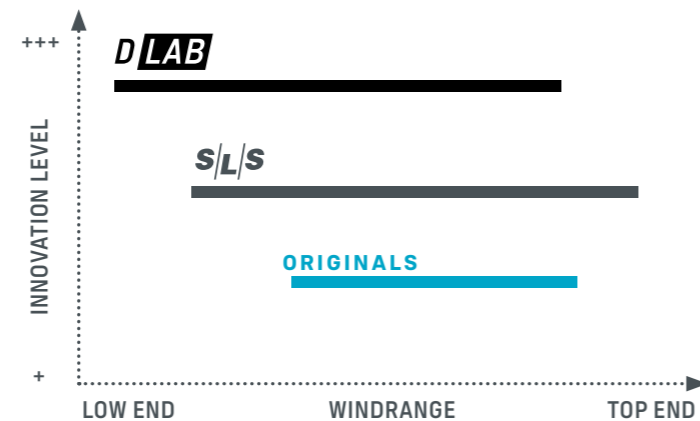
# OVERVIEW WING CONSTRUCTIONS

Due to our diligent search for new materials and innovations in construction methods, exciting new materials that are both lighter and more durable have opened up a universe of completely new design options. Duotone is proud to herald in an era of segmentation for our wing models. Between our three constructions, Original, SLS, and D/LAB, there is the right wing option for every winger, with materials, construction, and design all working in harmony to fit your preferred riding style, condition, ambition, and budget. This overview will help you understand the differences and guide you to your perfect gear!

## TARGET GROUP RATIO



## INNOVATION LEVEL



## UNIQUE SELLING PROPOSITION

	<b>D/LAB</b>	<b>S/L/S</b>	<b>ORIGINALS</b>
PRODUCTS	UNIT D/LAB 23	SLICK SLS	UNIT 23
WEIGHT SAVING	≈ <b>15%</b>	≈ <b>4-8%</b>	-
KPI'S	<ul style="list-style-type: none"> <li>+ best lightwind performance due to lightest construction</li> <li>+ most direct and responsive due to soft biax elongation</li> <li>+ highest power generation and acceleration</li> </ul>	<ul style="list-style-type: none"> <li>+ very efficient power development due to solid frame construction made from stiff Penta TX</li> <li>+ highly responsive</li> <li>+ great stiffness vs. comfortable flex</li> </ul>	<ul style="list-style-type: none"> <li>+ highest durability</li> <li>+ balanced and comfortable handling</li> <li>+ solid construction and material combination</li> </ul>
TARGET GROUP	ambitious / experienced	all riding levels	all riding levels
	↓ MORE INFO: PAGE 18	↓ MORE INFO: PAGE 16	↓ MORE INFO: PAGE 20

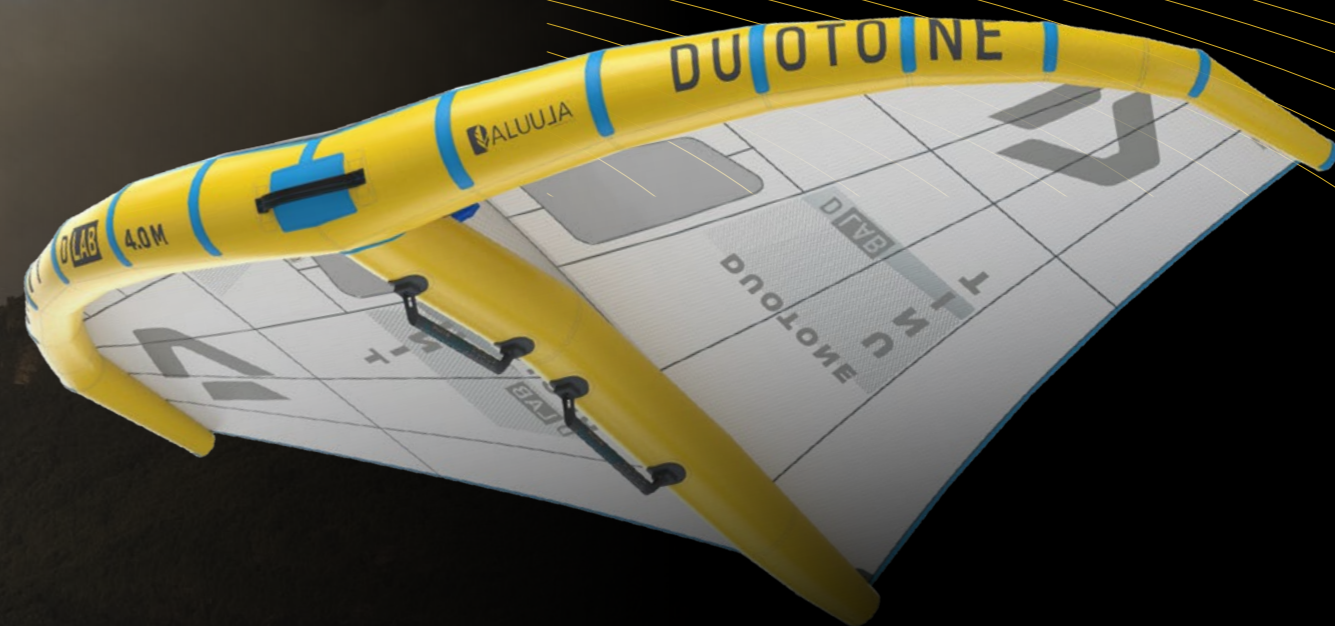


D/LAB

# BEYOND IMAGINATION

No compromise. No sacrifice. D/LAB is Duotone's version of a moonshot program. Bean-counters, deadlines and market analysis have no place in the Duotone Laboratory. The only purpose of D/LAB is to make the best Wing Foiling gear using the best materials and construction methods on this planet, no holds barred.

Improving gear every year has inherent limitations. Costs to balance against benefits. Timelines to meet. Price points to hit. D/LAB does away with those limitations. Testing the most expensive and lightest materials regardless of cost? Check. Three years to fine-tune construction methods for a new material? No problem. Worries about commercial interest? Not a consideration in D/LAB. Leave nothing on the table, check all other industries for new technologies that might offer even the most marginal improvement. Hold nothing back. That is what D/Lab represents for us.



## THE EXPERIMENTAL, FUTURE-LOOKING, DEVELOPMENTAL ARM OF DUOTONE.





S/L/S

# TAKE YOUR RIDING TO THE NEXT LEVEL



**THIS SEASON WE'RE TAKING OUR INNOVATIVE DRIVE IN WING DEVELOPMENT TO HIGHER GROUNDS; WE PROUDLY INTRODUCE SLS - STRONG LIGHT SUPERIOR.**

Since 2019, we have made it our mission to make the best Foil Wings to guarantee that every single one of your sessions is the best. It's the time for SLS. Whenever you see the SLS logo on a product, you'll know, we put it there for a reason. This is the gear we want to ride, tuned to the millimetre over countless hours of R&D.

Using materials both stronger and lighter than those previously available, we are proud that any product bearing the SLS monogram truly is superior. SLS is not about maximizing sales or creating turnover. SLS is about creating the dream gear for those who, like us, appreciate gear that enables them to redefine what they are capable of.

**A MORE SPORTY, MORE PRECISE AND CRISP FEEL OF THE WING.**



# BOOM VS. HANDLES

WE GET THIS QUESTION ALL THE TIME: "SHOULD I CHOOSE A WITH A BOOM OR ONE WITH HANDLES?" HERE IS SOME GUIDANCE TO CHOOSE THE RIGHT WING DEPENDING ON YOUR SKILL LEVEL, YOUR DISCIPLINE AND THE CONDITIONS YOU ARE RIDING IN.

YOU DECIDE WHAT'S RIGHT FOR YOU!


## BOOM (SLICK SLS)


A boom will give you the possibility to adjust your hands on the boom wherever you want. That gives you more flexibility to react to the power in your wing and choose the best position on the boom for any moment. That's where a boom offers endless possibilities including one handed riding.


You don't have to pay attention to where you're reaching, your hand will always grab the boom, which is an advantage for many freestyle maneuvers and also during basic maneuvers like jibes and tacks.

With these benefits in mind, we've developed our Slick with focus on freestyle and freeride action.

## AVAILABLE BOOMS

- 

MINIBOOM SILVER  
125 CM Ø 26,5 - 28 MM (SLIGHTLY OVAL)
- 

MINIBOOM PLATINUM  
125 CM Ø 26,5 - 28 MM (SLIGHTLY OVAL)
- 

MINIBOOM PLATINUM 24.8  
125 CM Ø 25 MM  
(AVAILABLE AUTUMN 2022)



## HANDLES (UNIT & UNIT D/LAB)

You simply want to inflate and off you go? Then you should think about choosing a wing with handles. It's not only faster to set up, it is also lighter and packs down smaller.

A lighter wing has advantage of following you more effortless when riding waves and during downwinders.

Our new Unit offers a new rigid handle solution with a boom-like feel, combined with the benefits of the weight and simplicity of a wing without a boom.

We've developed our Unit range as our wave and downwind oriented wing, where the handle-benefits really come into play.





# WHAT'S NEW 2022/23



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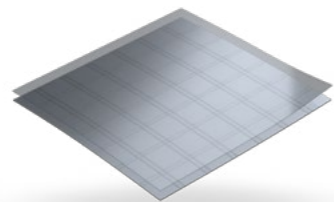
TAKE YOUR RIDING TO THE NEXT LEVEL

# SLICK S/L/S

THE NEW GENERATION OF SLICK WINGS COMBINE THE STRONG / LIGHT / SUPERIOR (SLS) TECHNOLOGY WITH A MULTITUDE OF DESIGN AND PERFORMANCE UPGRADES.

## PENTA TX

- + A quite stiff material, resulting in a high structural stiffness, especially recognizable in strong wind conditions, leading to less deformation of the overall structure of the wing
- + Guarantees for a very direct flex response and precise steering impulses
- + Penta TX is used in the leading edge and centre strut



The new generation of Slick wings combine the Strong / Light / Superior (SLS) technology with a multitude of design and performance upgrades.

The most popular model in the range is now lighter with more lift and stability resulting in a wing that's easier to use with a smoothness that will make you want to stay on the water for hours!

PentaTX material across the leading edge and strut delivers precise, responsive feedback to your fingertips. PentaTX has been a game-changer within Duotone's Kiteboarding department. It's not only lighter but also stiffer resulting in crisper, more direct feedback.

The segmented leading edge has allowed designer Ken Winner to increase the stiffness and rigidity across the mid-section through the

use of stronger material, resulting in direct power transfer and a highly responsive wing.

The Slick SLS features the mini boom, giving you infinite hand placement options. The intuitive mini boom allows your hands to always be in the right spot for any moves you're about to tackle, whether you are trying your first tacks or the wildest air rotations.

For 2022, the Slick SLS has been completely re-designed with a new outline. This sees improvements to the luffing stability while surfing waves and during downwinders and adds power and hang time for jumps.

The Slick SLS is great for rotational moves and has been engineered to give enough clearance to reduce the dragging of the wingtips.

## WHAT MAKES PENTA TX SO SPECIAL?

- + Up to 5 times higher tear resistance
- + 50% less elongation compare to standard dacron
- + 15% lighter frame construction

A new window layout reduces weight while maintaining visibility to any blind spots.

The tips and strut twist have been tuned to maximize the lift and stability with a tight canopy tension and a clean profile making it easy and stable to ride one-handed even in gusty conditions.

The mini boom is available in both Aluminium or Carbon options and is compatible with the first-generation Slick wings.

Whether you're just starting and learning the basics or going for pro-level moves, the Slick is an intuitive wing packed full of performance that guarantees you quick progression!



SLICK SLS C04



SLICK SLS C05

SLICK SLS C07

SLICK SLS C08

SIZES	3,0	3,5	4,0	4,5	5,0	5,5	6,0	6,5	7,0
WINDRANGE	19 - 37	16 - 33	14 - 30	12 - 28	10 - 25	9 - 22	8 - 20	7 - 18	6 - 17

## KEY FEATURES

### MINI BOOM

Direct steering with infinite hand placement. The Mini Boom allows you to place your hands where ever you want, which is a massive plus from learning the basics to the most advanced freestyle moves.

### POSITIVE LIFT

Easy for tacks, lifty for jumps. Various design features give the new Slick SLS a positive lift, translating in easy and light feel through all sorts of maneuvers and jumps.

### FAST RESPONSE

The Penta TX leading edge and strut gives the wing a crisp and fast response to your steering, which has benefits for pumping, acceleration and all sorts of freestyle moves and rotations.

### MODERATE WING SPAN

The new Slick SLS has become slightly wider in span, which helps drift stability and power delivery, yet it still features a compact outline, which helps smaller riders to keep the tips clear.

## CHARACTERISTICS

WAVE / DOWNWIND

JUMPING

FREESTYLE

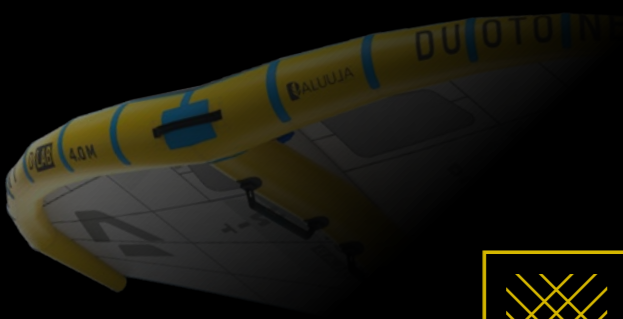
FREERIDE

EASE OF USE



BEYOND IMAGINATION

# UNIT **D/LAB** 2023



### ALUULA

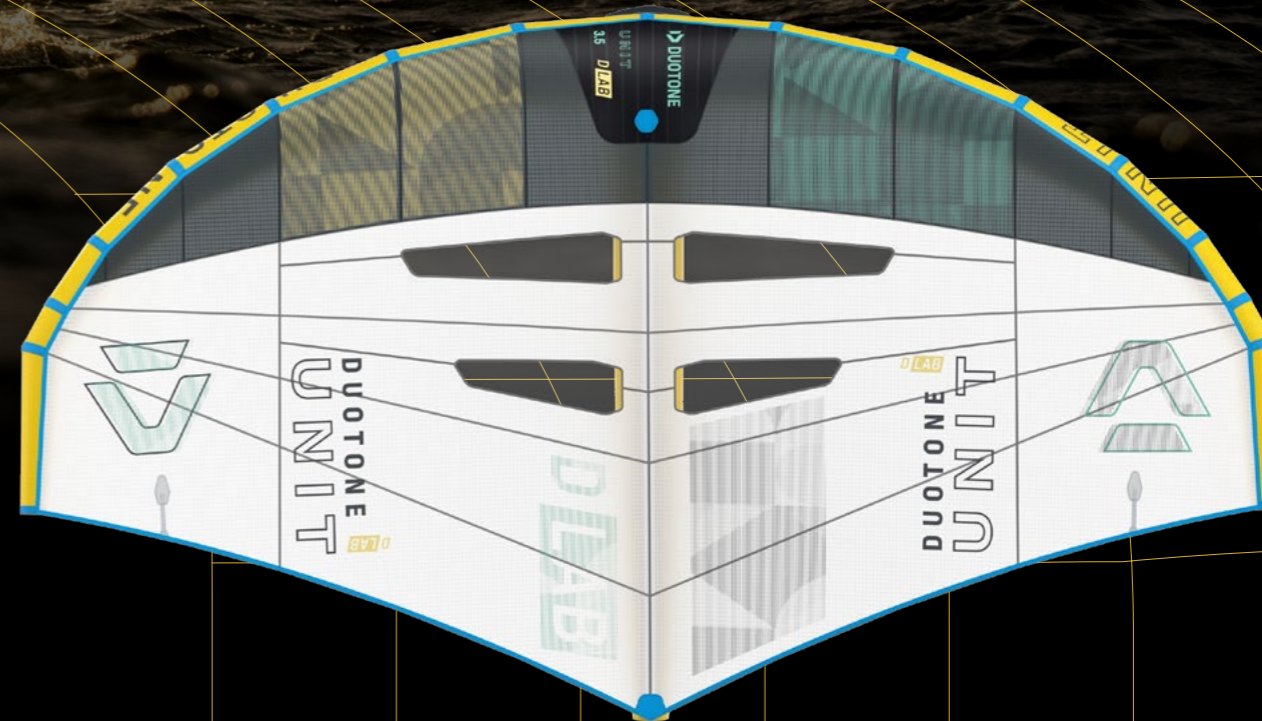
The new Aluula fabric in combination with new construction features reduces the weight of the wing by up to 15% compared to original constructions and depending on the size. This is a considerable saving especially when the wind is light, but there's other benefits making our D/LAB wings so impressive.

### PERFORMANCE FEATURES

- + Lightest weight and fastest response available
- + Solid handles for direct control
- + Neutral and effortless on the front handle while surfing
- + Positive lift and improved power delivery with more grunt - incredible for jumping

### TECHNICAL DETAILS

- + Aluula frame and strut
- + Proven rigid handle design
- + New canopy material for improved power and durability
- + Powerful profile and finely tuned wing span
- + Improved window design for safety and comfort



**AVAILABLE  
NOVEMBER 2022**

<b>SIZES</b>	3,5	4	4,5	5	5,5	6	6,5
<b>WINDRANGE</b>	15 - 35	12 - 30	10 - 28	8 - 25	7 - 22	6 - 20	5 - 18



# UNIT 2023

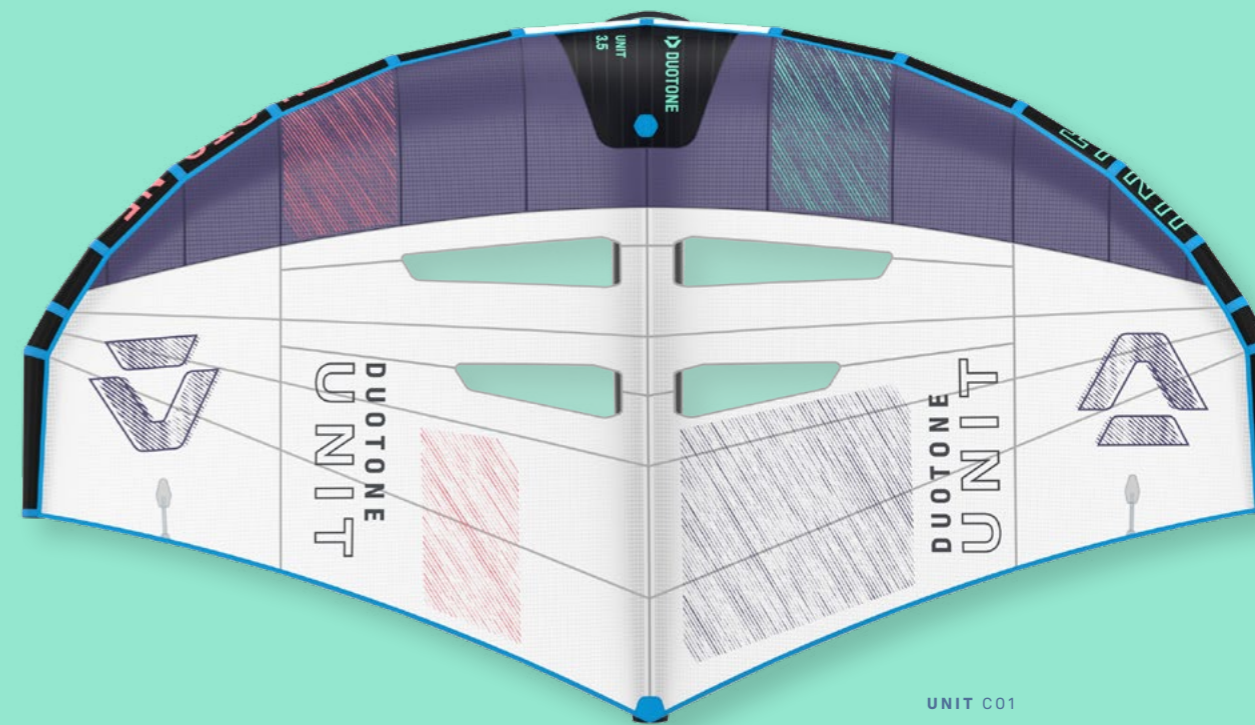
## PERFORMANCE FEATURES

- + Solid handles for direct control
- + Neutral and effortless on the front handle while surfing
- + Improved power delivery with more grunt
- + Improved draft stability

## TECHNICAL DETAILS

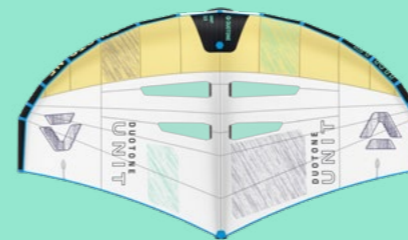
- + Proven rigid handle design
- + New canopy material for improved power and durability
- + Segmented front tube for great stiffness and flex behavior
- + Improved front handle for better control while surfing
- + Improved window design for safety and comfort

**AVAILABLE  
NOVEMBER 2022**

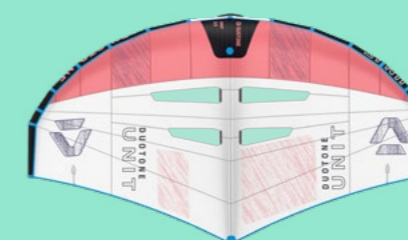


UNIT C01

UNIT C02



UNIT C03



BOTTOM VIEW



<b>SIZES</b>	2	2,5	3	3,5	4	4,5	5	5,5	6	6,5
<b>WINDRANGE</b>	30-50	25-45	20-40	16-35	13-30	11-28	9-25	8-22	7-20	6-18



UNIT D/LAB 23  
42230-3529

NEW

UNIT 23  
42230-3518

NEW

SLICK SLS  
44220-3523



DISCIPLINE

WAVE & DOWNWIND / JUMPS & FREESTYLE / FREERIDE

WAVE & DOWNWIND / JUMPS & FREESTYLE / FREERIDE

FREERIDE / FREESTYLE & JUMPS / WAVE & DOWNWIND

SIZES

3.5 / 4.0 / 4.5 / 5.0 / 5.5 / 6.0 / 6.5

2.0 / 2.5 / 3.0 / 3.5 / 4.0 / 4.5 / 5.0 / 5.5 / 6.0 / 6.5

3.0 / 3.5 / 4.0 / 4.5 / 5.0 / 5.5 / 6.0 / 6.5 / 7.0

AVAILABLE

NOVEMBER 2022

NOVEMBER 2022

JULY 2022

PERFORMANCE FEATURES

- + Lightest weight and fastest response available
- + Solid handles for direct control
- + Neutral and effortless on the front handle while surfing
- + Positive lift and improved power delivery with more grunt - incredible for jumping

- + Solid handles for direct control
- + Neutral and effortless on the front handle while surfing
- + Improved power delivery with more grunt
- + Improved draft stability

- + Mini Boom - direct steering with ultimate grip range
- + Positive lift - easy for tacks, lofty for jumps
- + Fast response - perfect for quick rotations
- + Moderate wing span - easy to handle for all rider sizes
- + Light, neutral and effortless on the wave

TECHNICAL DETAILS

- + Aluula frame and strut
- + Proven rigid handle design
- + New canopy material for improved power and durability
- + Powerful profile and finely tuned wing span
- + Improved window design for safety and comfort

- + Proven rigid handle design
- + New canopy material for improved power and durability
- + Segmented front tube for great stiffness and flex behavior
- + Improved front handle for better control while surfing
- + Improved window design for safety and comfort

- + Mini Boom on center strut
- + Light and rigid SLS construction
- + Tight canopy tension and finely tuned outline
- + Segmented front tube for a rigid center with smooth flex behavior
- + New window layout for improved stretch behavior, weight and visibility
- + New bag design







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◀ FANATIC






**RELATED  
PRODUCTS**

2022/23







# QUICKFINDER BOARDS



	NEW	NEW	NEW	
ITEM NO.	<b>SKY SURF TE</b> 32230-3601	<b>SKY STYLE TE</b> 32230-3602	<b>SKY FREE TE</b> 32230-3603	<b>SKY WING</b> 13220-1128
BOARDS				
SIZES	4'2" (25l), 4'4" (35l), 4'6" (45l)	4'7" (55l), 4'9" (65l), 4'11" (75l), 5'1" (85l)	5'3" (95l), 5'5" (105l)	4'6" (35l), 4'7" (45l)
CAT.	Prone Foil / Wing Foil Surf / Freestyle Advanced	Wing Foil Surf / Freestyle	Wing Foil Allround	Prone Foil / Wing Foil Surf / Freestyle Advanced
CONDITIONS	Surf of all sizes, rolling waves & ocean swells. All conditions with medium to strong wind + wing	Flatwater, rolling waves & ocean swells, as well as surf of all sizes. From light to stronger winds	Flatwater, rolling waves & ocean swells, as well as smaller less powerful surf. From light to medium winds	Surf of all sizes, rolling waves & ocean swells. All conditions with medium to strong wind + wing
CHARACTER	Stable & quick to paddle Ultra compact & manoeuvrable Turny on the wave and in freestyle moves High-End Technology: Super light and strong	Compact and stable Turny and responsive on the wave and in freestyle moves Great Pop for Jumps Easy recovery in landings High-End Technology: Light and strong	Compact yet packed with volume Easy knee starts Super efficient in light wind conditions From calm flat water to riding small waves and jumping High-End Technology: Light and strong	Stable & quick to paddle Ultra compact & manoeuvrable Light in the air Turny on the wave and in freestyle moves
CONSTR.	Carbon PVC Sandwich (TE)	Carbon PVC Sandwich (TE)	Carbon PVC Sandwich (TE)	VEC
TARGET RIDER	Foil surfers of all levels from entry to high performance Advanced wing foilers looking for a small and light board for radical wing action Groms looking for an extra small wing board	Wing Foilers with intermediate to advanced level looking to step up their game in surf and freestyle	Wing Foilers of rising level looking for a specific board with lightest weight and maximum efficiency & performance for light to medium wind conditions	Foil surfers of all levels from entry to high performance Advanced wing foilers looking for a small and light board for radical wing action






		NEW			
ITEM NO.	<b>SKY WING</b> 13220-1128	<b>SKY WING SOFT TOP</b> 13220-1129	<b>SKY SUP 1</b> 32230-3605	<b>BEE</b> 33230-1116	<b>SKY AIR PREMIUM</b> 13210-1165
BOARDS					
SIZES	4'8" (60l), 5'0" (75l), 5'2" (85l), 5'4" (95l), 5'6" (105l), 5'8" (125l), 6'3" (140l)"	6'3" (140l)	6'1" (105l), 6'5" (125l), 6'9" (145l)	7'8" (120l), 8'2" (140l)	5'0" (90l), 5'4" (103l), 5'8" (120l), 5'10" (150l), 6'10" (200l) <b>NEW</b>
CAT.	Wing Foil Allround	Wing Foil Entry	SUP Foil / Wing Foil	SUP Surf / SUP Foil / Wing Foil / Windsurf Foil	Wing Foil Inflatable
CONDITIONS	Flatwater, rolling waves & ocean swells, as well as smaller less powerful surf. From light to stronger winds	Flatwater and small ocean swell. From light to stronger winds	Small to medium waves	Small surf, rolling waves, ocean swells & breezy flatwater – when paired with wing or windsurfing sail	Flatwater, rolling waves & ocean swells, as well as smaller less powerful surf. From light to stronger winds
CHARACTER	Compact yet packed with volume Knee starting possible Purpose built for wing foiling From light wind flat water to riding waves and jumping with stronger winds	Stable and easy to start Soft and grippy deck and rails Ready for quick progression	Perfect for shredding any size waves on a foil Can be used as a wing foiling board too Compact shape for pumping and higher performance maneuverability	Greatest multi-sports range Wing, Windsurf, SUP Foiling and standard Wave SUP in one board	Travel friendly Wing Foiling board Compact yet packed with volume Rigid from foil to front foot Easy handling and forgiving ride
CONSTR.	VEC	Soft Top	BXF	VCT (7'8") VEC (8'2")	DL Light + Carbon plate
TARGET RIDER	Wing Foilers of all levels and weight categories looking for a specific Wing Foiling board with maximum efficiency	Wing Foilers beginners of all sizes and weight categories looking for the easiest entry into Wing Foiling	For SUP foilers at any level who are looking for an easy access into small swell	Foiling enthusiasts looking for the ultimate 'watersports toy' for multiple disciplines	Wing Foilers of most levels and weight categories looking for a Wing Foiling board that can be packed into a minimal, travel friendly package



# QUICKFINDER FOILS

	NEW	NEW	NEW
<b>ITEM NO.</b>	<b>AERO CARVE</b> 32220-3702	<b>AERO FREE</b> 32220-3703	<b>AERO HIGH ASPECT</b> 13210-3544
			
<b>SIZES</b>	750 / 216 900 / 216 1150 / 250 1400 / 250	800 / 216 1000 / 216 1250 / 250	1250 / 250 1500 / 250 1750 / 300 2000 / 300
<b>CONSTR.</b>	Carbon	Carbon	Carbon
<b>DISCIPLINE</b>	Wing / Prone / SUP	Wing / Prone / SUP	Wing / SUP
<b>CATEGORY</b>	Surf / Freestyle	Allround Performance	Allround
<b>CONDITIONS</b>	All conditions from flatwater to proper surf	All conditions from flatwater to proper surf	Flatwater to open ocean swells and smaller surf
<b>TARGET RIDER</b>	Advanced riders looking for tight and direct turning in the surf and during freestyle manoeuvres with great pop for jumps and generally a very forgiving nature	Riders looking to up their game in speed, glide and reactions with one wing that does it all	Wing Foilers and Surf / SUP Foilers looking for a great allround Foil to learn and progress with
<b>CHARACTER</b>	Direct response Easy and forgiving Great pop for jumps Recovers when breaching	Exciting speeds Playful turning Great stability Great glide Performs in all conditions	Extremely stable and controlled Medium to higher speed Efficient glide Great allrounder
			<b>AERO LIFT</b> 32220-3701
			
			2400 / 300
			Carbon
			Wing / SUP
			Entry
			Lakes, calm open ocean
			Learners looking for the easiest access to flight mode. Heavier riders looking for super early take - off in the lightest of winds
			Easy, stable and forgiving Passive lift Flies at incredibly low speeds

	NEW		
<b>ITEM NO.</b>	<b>FUSELAGE AL 3BS 60</b> 13210-8304 (AL 3.0)	<b>FUSELAGE 68</b> 13210-8304 (AL 3.0) 13210-8408 (Carbon)	<b>FUSELAGE 78</b> 13210-8304 (AL 3.0) 13210-8408 (Carbon)
			
<b>SIZES</b>	60	68	78
<b>CONSTR.</b>	Aluminium	Aluminium Carbon	Aluminium Carbon
<b>DISCIPLINE</b>	Wing / Prone	Wing / Prone / SUP	Wing / Prone / SUP
<b>CATEGORY</b>	Advanced / Surf / Freestyle	Advanced / Surf / Freestyle	Allround / Entry / Freeride / Pump
<b>CONDITIONS</b>	Lakes, open ocean, surf	Lakes, open ocean, surf	Lakes, open ocean, surf
<b>TARGET RIDER</b>	Advanced Wing Foilers looking for the most turny and playful setup with instant reactions and great pop Advanced Prone Foilers	Advanced Wing Foilers looking for a playful ride with responsive turning and great pop for air moves Advanced Prone and SUP Foilers	Wing Foilers of all levels progressing from entry to advanced, with the option to adjust to their level. Prone, SUP and Pump Foilers looking for an easy and stable ride with great pumping abilities
<b>CHARACTER</b>	Ultra maneuverable, quickest response, instant pop	Maneuverable, great glide, fast reactions, great pop	Adjustable stabilizer: Rear setting easy to ride with great pitch stability and quick progression. Ideal also for large foils and pumping. Forward setting (74 cm) for highly improved manoeuvrability and playfulness for surf and freestyle

<b>ITEM NO.</b>	<b>MAST 60</b> 13210-8302 (AL 3.0) 13210-8402 (Carbon)	<b>MAST 75</b> 13210-8302 (AL 3.0) 13210-8402 (Carbon)	<b>MAST 82</b> 13210-8302 (AL 3.0) 13210-8402 (Carbon)	<b>MAST 82 COLLAB</b> 13210-8404 (Carbon)	<b>MAST 90</b> 13210-8302 (AL 3.0) 13210-8402 (Carbon)
					
<b>SIZES</b>	60	75	82	82 COLLAB	90
<b>CONSTR.</b>	Aluminium Carbon	Aluminium Carbon	Aluminium Carbon	High Modulus Carbon	Aluminium Carbon
<b>DISCIPLINE</b>	Wing / Prone / SUP / Windsurf	Wing / Prone / SUP	Wing / Prone / SUP	Wing / Prone / Kite / SUP	Wing / Windsurf
<b>CATEGORY</b>	Special	Allround / Entry / Freestyle	Allround / Surf / Freestyle / Downwind	Allround / Surf / Freestyle / Downwind	Freeride / Surf / Downwind
<b>CONDITIONS</b>	Shallow waters	Lakes, open ocean, small surf	Lakes, open ocean, medium surf	Lakes, open ocean, medium surf	Open ocean, medium surf
<b>TARGET RIDER</b>	Every rider looking for foiling in shallow waters	Goto size for most Wing Foilers on lakes, great to start and very compact for progressive air moves Prone and SUP Foilers of all levels in small surf	"One for all" mast for Wing Foilers looking for the perfect mix of being compact for freestyle, yet having length for surfing and swell Prone and SUP Foilers in medium surf Freestyle Windsurf Foilers	Progressive Wing Foilers pushing the limits, looking for the lightest setup possible with lowest drag Lighter prone and SUP Foilers in medium surf Only recommended for front wings below 100 cm span! Kite Foilers looking for the perfect combo mast between kiting and winging	Wing Foilers looking for the extra room for comfort in chop and open ocean swell Goto size for Windsurf Foilers
					Windsurf and Wing Foilers looking for extra room to go fast in open ocean swells and larger surf
					105
					Carbon
					Windsurf / Wing
					Freerace / Surf
					Open ocean, larger surf





**DUOTONE**

PHOTOS: TOBY BROMWICH, FISH BOWL DIARIES,  
JEAN LOUIS DE HEECKEREN  
DESIGN: 3DELUXE

ALL DATA SUBJECT TO CHANGE  
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