



# APEX MA RANGE

PERFORMANCE FREERIDE HYDROFOIL

**OZONE**<sup>®</sup>

# MA RANGE

**The Apex V1 MA (medium aspect) performance range is designed primarily for Wing Foiling with endless potential for freeride cruising, jumping, pumping, carving the flats, riding waves or ripping as fast as you possibly can!**

These wings are also amazing for freeride/freerace Kite Foiling and excel in other foil disciplines such as surf, tow and wake.

With easily accessible lift, pump and glide performance combined with precision and maneuverability the new Apex V1 MA hydrofoil range is ready to take your riding to the next level. Performance designs, light weight, ultra strong full carbon construction finished with a high quality performance surface coating.



# FULL CARBON CONSTRUCTION

## LIGHTWEIGHT AND ULTRA STRONG

All parts are constructed with an optimum combination of high-density PVC or EPS foam cores and 100% carbon laminates for an incredible strength to weight ratio.

All laminations are comprised of a Quadraxial Carbon fiber matrix with high modulus epoxy resin creating superior rigidity in flex and torsion.

**APEX**  
M A 1250 CNY  
FULL CARBON PERFORMANCE CONSTRUCTION SURFACE COAT

FULL CARBON  CONSTRUCTION

# LIFT AND STABILITY VS. SPEED AND MANEUVERABILITY

**The Apex VI MA front wings offer an incredibly wide speed range.** In general, the larger the front wing the more lift you will have and the more stable the ride will be. A larger front wing offers increased low wind/slow foiling speed performance, however your top speed and maneuverability will be slightly reduced when compared to a smaller front wing.

Choosing the correct size front wing(s) for your skill level, weight, other equipment and conditions is very important. Use the foil chart to help find your ideal setup. We highly recommend consulting your local school/shop/dealer.



# FRONT WINGS

**100% carbon fiber layup with an EPS foam core and full carbon monolithic centre section provides a lightweight and strong platform.**



**MA1800**



**MA1500**



**MA1250**



**MA1100**



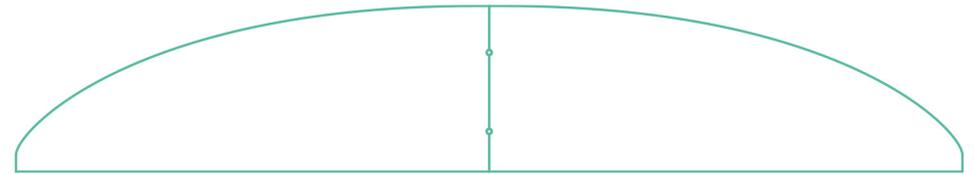
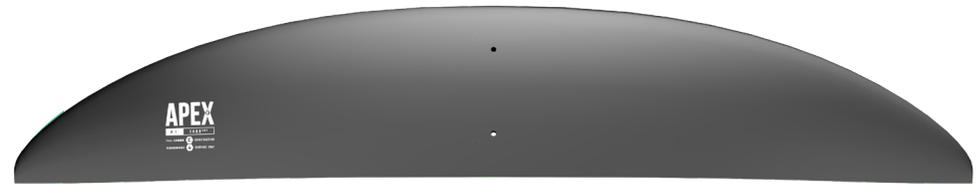
**MA950**

Note: The MA product code indicates the surface area in cm<sup>2</sup>

# MA1800

**The MA1800 is designed as a light wind performance wing and is well suited for entry-level riders making their first runs foiling in light to moderate winds.**

The medium aspect ratio, medium tapered planform and well-proportioned surface area provides ample lift and glide to get up on the foil in any breeze with a low stall speed. The MA1800 has a generous top end, remaining comfortable to ride with solid control even at higher speeds. Reliable pumping performance will get you through wind lulls or from one swell to another and back again for more.



## Specifications:

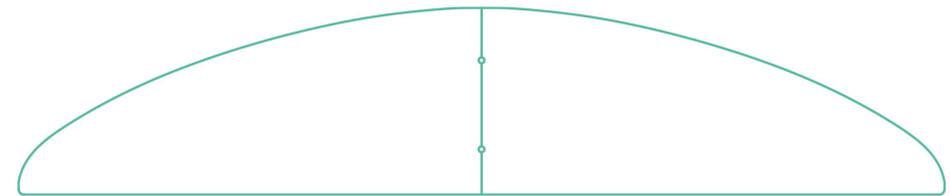
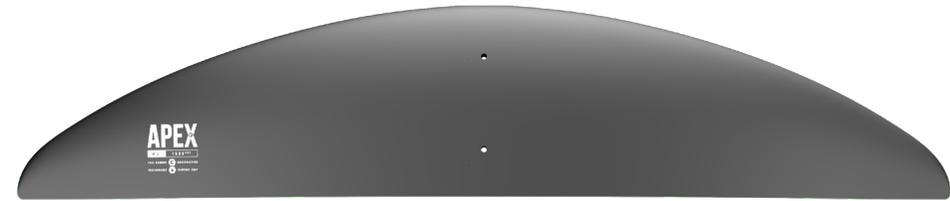
### FRONT WING MA1800

AREA:	1800 CM <sup>2</sup>
WINGSPAN:	115 CM
ASPECT RATIO:	7.3 (MEDIUM)

# MA1500

**The MA1500 is suited for heavier weight intermediate to advanced riders and lighter weight entry-level riders making their first runs foiling.**

The medium aspect ratio and medium tapered planform provide an ideal balance between lift, glide and agility. The well-proportioned surface area creates plenty of lift to get up on the foil in any breeze while offering a generous top end range. The MA1500 is very maneuverable for its size to make tight turns in the flat through to wind chops or waves. Reliable pumping performance will get you through wind lulls or from one swell to another and back again for more.



## Specifications:

### FRONT WING MA1500

AREA:	1500 CM <sup>2</sup>
WINGSPAN:	100 CM
ASPECT RATIO:	6.67 (MEDIUM)

# MA1250

**The MA1250 is the ultimate all-round front wing for most rider weights with an intermediate to advanced skill level.**

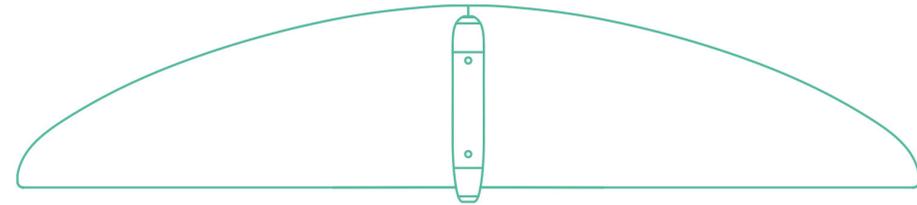
The medium aspect ratio and medium tapered planform provide an ideal balance between lift, glide and agility. The optimised profile offers accessible low-end power (lift at low speeds) combined with an incredible top end range and control at high speeds. This wing really does it all, ultra maneuverable for its size to crank tight turns in the flat through to wind chops or waves. Reliable pumping performance will get you through wind lulls or from one swell to another and back again for more.

The MA1250 is also a fun freeride kite foil for light to moderate winds. It has speed, performance, maneuverability and a massive range for intermediate to advanced riders.

## Specifications:

### FRONT WING MA1250

AREA:	1250 CM <sup>2</sup>
WINGSPAN:	92.4 CM
ASPECT RATIO:	6.8 (MEDIUM)



# MA1100

**The MA1100 is suited for intermediate to advanced riders looking for a performance front wing for use in moderate to strong winds.**

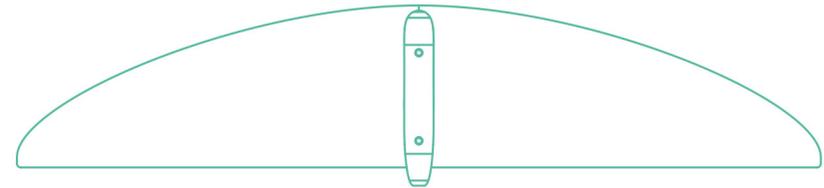
The medium aspect ratio and medium tapered planform provide an ideal balance between lift, glide and agility. The optimised profile offers accessible low-end power (lift at low speeds) combined with an incredible top end range and control at high speeds. This design is ultra maneuverable for cranking tight turns in the flat through to large waves. At speed it has solid pumping performance to get you through wind lulls or from one swell to another.

The MA1100 is also a fun freeride/freerace kite foil for moderate winds. It has speed, performance, maneuverability and a massive range for intermediate to advanced riders.

## Specifications:

### FRONT WING MA1100

AREA:	1100 CM <sup>2</sup>
WINGSPAN:	88 CM
ASPECT RATIO:	7.0 (MEDIUM)

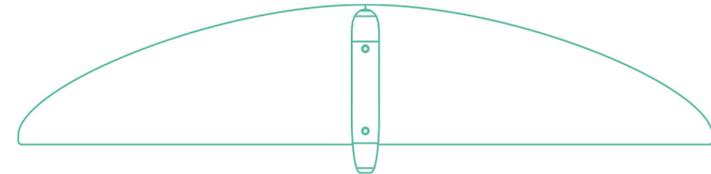


# MA950

**The MA950 is suited for intermediate to advanced and lighter weight riders looking for a performance front wing for use in moderate to strong winds.**

The medium aspect ratio and medium tapered planform provide an ideal balance between lift, glide and agility. The optimised profile offers accessible low-end power (lift at low speeds) combined with an incredible top end range and control at high speeds. This design is ultra maneuverable for cranking tight turns in the flat through to large waves. At speed it has solid pumping performance to get you through wind lulls or from one swell to another.

The MA950 is also a fun freeride/freerace kite foil for moderate to strong winds. It has speed, performance, maneuverability and a massive range for intermediate to advanced riders.



## Specifications:

### FRONT WING MA950

AREA:	950 CM <sup>2</sup>
WINGSPAN:	81 CM
ASPECT RATIO:	6.9 (MEDIUM)

# FULLY MODULAR

**The entire Apex V1 hydrofoil series is fully modular**  
- interchange front wings, rear wings, fuselages,  
masts and rear wing shims to customize your setup.  
New mast and fuselage sizes compliment the all-new  
MA range of front and rear wings.

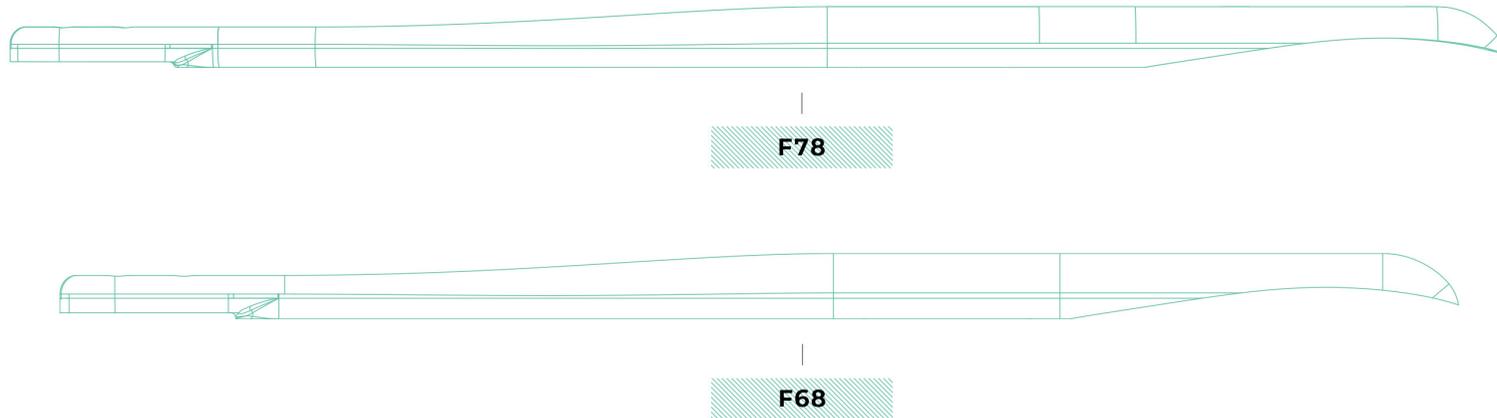
FULL CARBON  CONSTRUCTION  
PERFORMANCE  SURFACE COAT  
TITANIUM  HARDWARE



# FUSELAGES

**Constructed for maximum stiffness and strength from a full carbon mono block.**

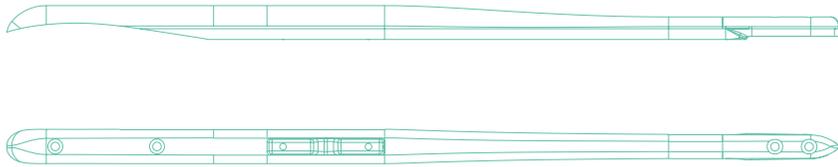
Our unique Beamed Tuttle Box design increases strength at the mast to fuselage connection. Titanium Barrel Nuts embedded in the fuselage provide durability and maximum strength at the front and rear wing connections.



# F78

**The ideal length for most riders, conditions and foil sports.**

Ultra stable in pitch, with a refined balance of pressure between front and back foot positions.



## Specifications:

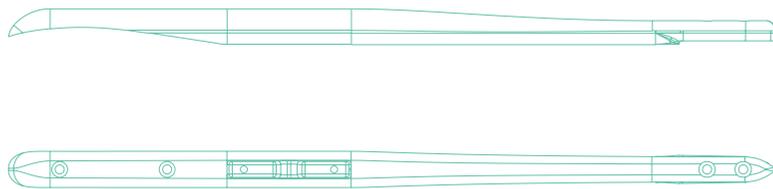
### FUSELAGE F78

LENGTH	78CM
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# F68

**Intermediate to advanced riders looking for ultimate maneuverability.**

The shorter length slightly decreases pitch stability.



## Specifications:

### FUSELAGE F68

LENGTH	68CM
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# PERFORMANCE SURFACE COAT

All carbon parts are finished with an ultra high quality coating used in performance marine environments such as Americas Cup racing yachts. This unique coating provides UV protection to the carbon laminate and an optimum surface finish.

PERFORMANCE  SURFACE COAT



# MASTS

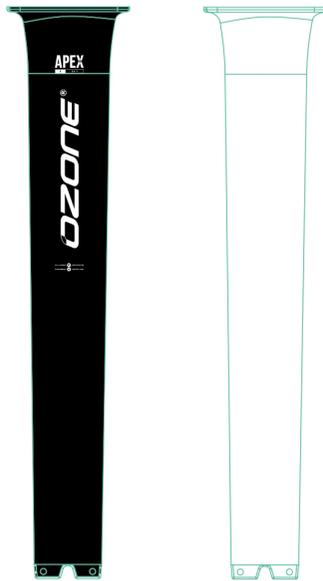
**Our unique mast construction features an optimum combination of a high-density PVC foam core and full carbon laminate for an incredible shear strength to weight ratio.**

The lamination is comprised of a Quadraxial Carbon fiber matrix with high modulus epoxy resin creating superior rigidity in flex and torsion. The tapered outline adds extra strength without compromising speed. A slotted baseplate design allows easy fitting to the board. Titanium Barrel Nuts embedded in the mast provide durability and maximum strength at the mast to fuselage **connection**.



# M90

Intermediate to advanced riders foiling in higher winds, carving in choppy water conditions or riding waves.



## Specifications:

### MAST M90

LENGTH 90CM

# M75

Ideal all-round length for most riders, conditions and foil sports.



## Specifications:

### MAST M75

LENGTH	75CM
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MA RANGE

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FRONT WINGS

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FUSELAGES

-

MASTS

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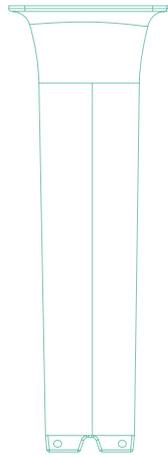
REAR WINGS

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SETS

# M60

Entry level to intermediate riders and/or shallow water depth locations.



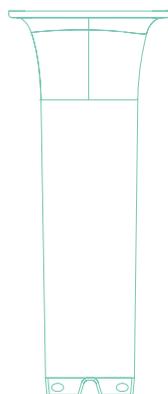
## Specifications:

### MAST M60

LENGTH	60CM
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# M45

Entry level riders and/or very shallow water depth locations.



## Specifications:

### MAST M45

LENGTH	45CM
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MA RANGE

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FRONT WINGS

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FUSELAGES

-

MASTS

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REAR WINGS

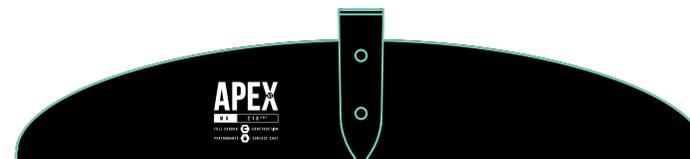
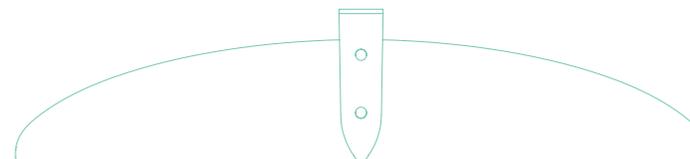
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SETS

# REAR WING MA210

**Lightweight and strong construction using a 100% carbon fiber layup.**

The MA210 has been designed and tested in conjunction with the entire MA front wing range. It provides a solid balance of stability and maneuverability with all sizes of front wing. Fine-tune pitch feeling and performance using the Apex Rear Wing Shims.



## Specifications:

### FRONT WING MA1500

AREA:	210 CM <sup>2</sup>
WINGSPAN:	38 CM
ASPECT RATIO:	6.9 (MEDIUM)

# RECOMMENDED SETS

## SET MA1800

FRONT WING	MA1800
FUSELAGE	78CM
MAST	75CM
REAR WING	MA210

## SET MA1250

FRONT WING	MA1250
FUSELAGE	78CM
MAST	75CM
REAR WING	MA210

## SET MA950

FRONT WING	MA950
FUSELAGE	78CM
MAST	75CM
REAR WING	MA210

## SET MA1500

FRONT WING	MA1500
FUSELAGE	78CM
MAST	75CM
REAR WING	MA210

## SET MA1100

FRONT WING	MA1100
FUSELAGE	78CM
MAST	75CM
REAR WING	MA210



# PROTECTIVE COVERS

**The Apex V1 foil range comes complete with protective covers for the Mast, Fuselage, Front Wing and Rear Wing.**

Constructed with high quality materials, padded foam layers, velcro closures and storage pockets for screws, Rear Wing Shims and the Torx key.



# TITANIUM HARDWARE

All screws and barrel nuts are CNC machined from GR5 Titanium with a Torx head fitting, guaranteeing zero corrosion and ultimate strength. Each complete Apex V1 foil is supplied with a Torx Key.

TITANIUM  HARDWARE

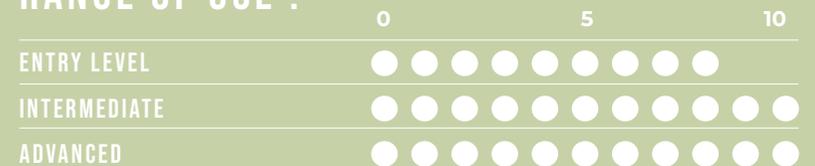




# APEX MA

- Performance freeride hydrofoil range
- Accessible lift, pump and glide performance
- Incredible lower and upper range
- Light weight ultra strong full carbon construction
- Performance surface coating
- Titanium hardware

## RANGE OF USE :





INSPIRED

BY NATURE 

DRIVEN

BY THE ELEMENTS