

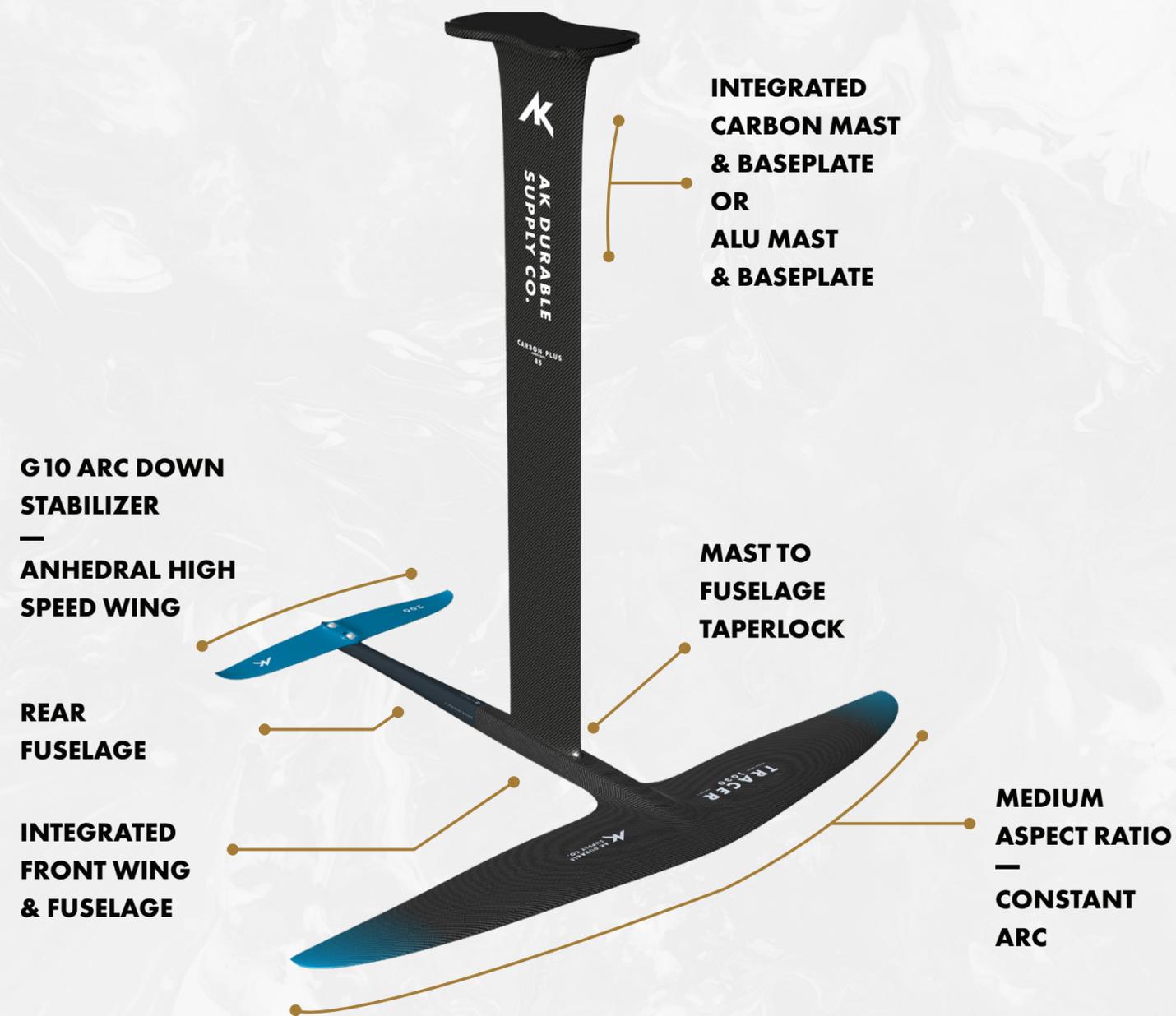
# TRACER

v3 Featuring TaperLock

**Medium aspect ratio for ease of use & maneuverability.**  
**Arc Down stabilizer for directional stability & ease of use.**  
**Versatile performance & high-speed control.**

For riders looking for the perfect balance between performance, ease of use, and the ultimate maneuverability, the Tracer Hydrofoil Series has been completely redesigned to have you carving the cleanest lines with intuitive ease.

## MEDIUM ASPECT HYDROFOIL SERIES



**VERSATILE HYDROFOIL PERFORMANCE**

# FRONT WINGS

The Tracer is available in 650, 800, 1030, and 1300cm<sup>2</sup>, all featuring TaperLock.

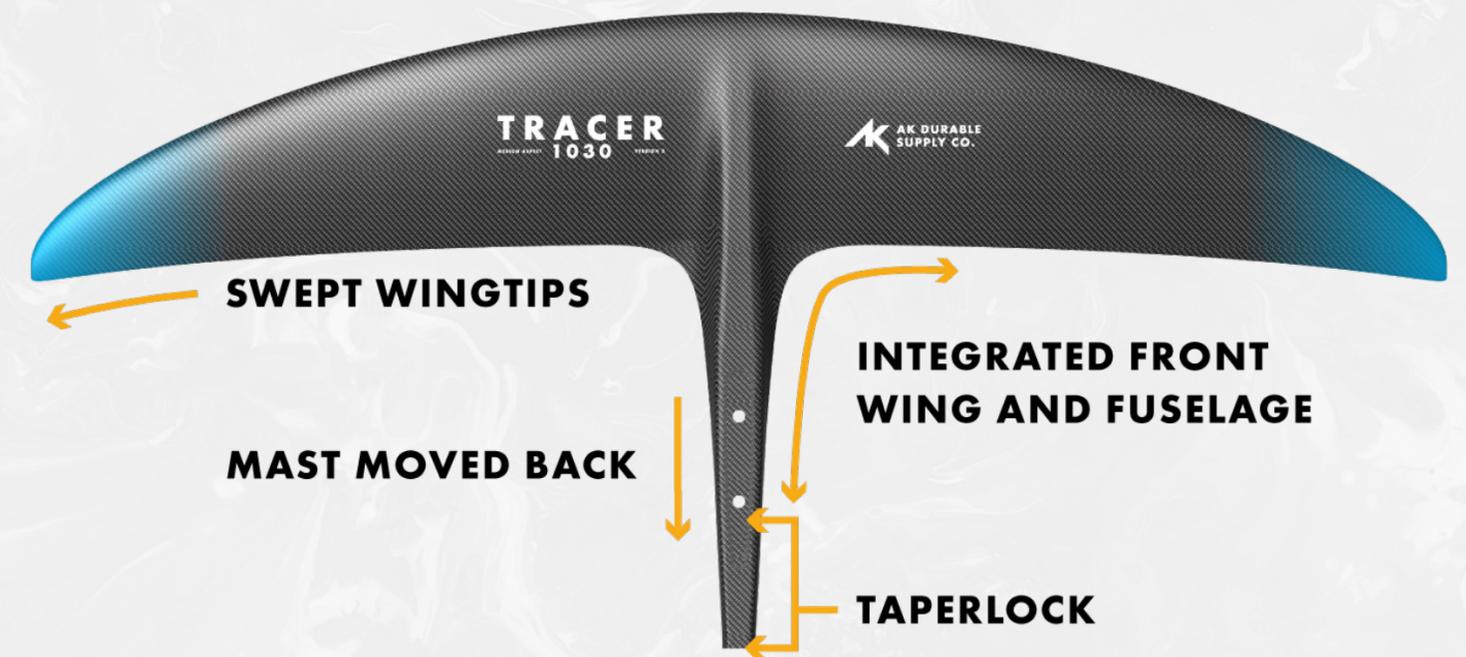
## AEROCORE CARBON CONSTRUCTION

Our Aerocore Carbon composite hydrofoil wings are produced with high quality Toray Carbon for rigidity, and feature expanded epoxy cores for lightweight performance.

Under a heat press manufacturing process, these wings maintain tight tolerances and lightweight specifications to meet our high performance and quality demands.

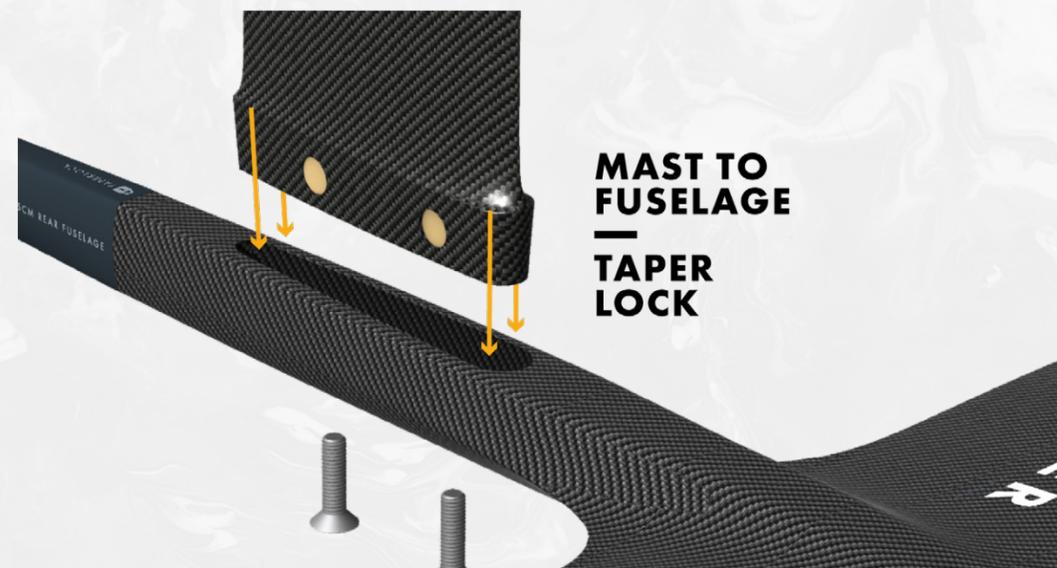
## STRUCTURALLY INTEGRATED FRONT WING & FUSELAGE

The structurally integrated blended front wing and fuselage deliver unparalleled hydrodynamic performance. The fluid dynamics of the blended wing construction result in a much stiffer and efficient structure, which will have you hydrofoiling with intuitive ease.



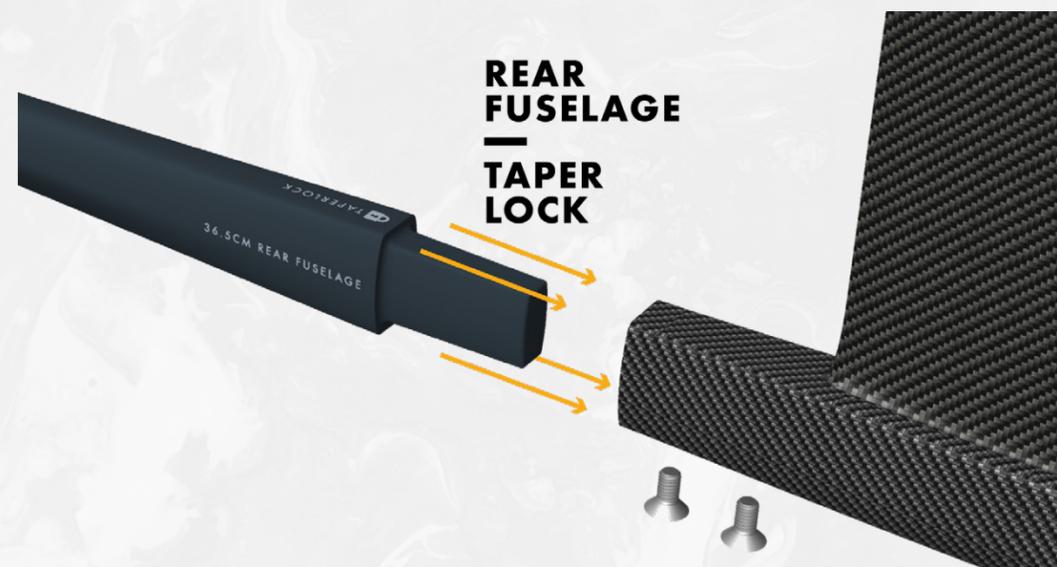
## MAST TO FUSELAGE TAPERLOCK

The mast to fuselage TaperLock creates a rigid connection between these key components, creating a locked in feeling and effective transfer of energy from rider input to the foil.



## REAR FUSELAGE TAPERLOCK

The Tracer hydrofoil platform features 3 rear fuselage length options, all featuring TaperLock, for a rigid connection to the integrated front wing and fuselage.



## FRONT WING USER GUIDE



The small to medium size foils are best for high performance wing, surf, and tow in foiling. The mid-sizes are ideal for high-performance surf and wing foiling, with an entry into downwind. The larger wing sizes are best suited for entry level winging and surf foil progression.

# TRACER FRONT WING SPEC



<b>SIZE</b> (cm <sup>2</sup> )	<b>650</b>	<b>800</b>	<b>1030</b>	<b>1300</b>
<b>ASPECT RATIO</b>	<b>7.5</b>	<b>7.5</b>	<b>8.2</b>	<b>8.2</b>
<b>WINGSPAN</b> (mm)	<b>694</b>	<b>769</b>	<b>914</b>	<b>1027</b>
<b>CHORD</b> (mm)	<b>124</b>	<b>137</b>	<b>149</b>	<b>168</b>
<b>CHORD THICKNESS</b> (mm)	<b>12.9</b>	<b>14.3</b>	<b>15.5</b>	<b>19.8</b>



# CARBON PLUS AEROCORE



**10/10 STIFFNESS RATING**

# CARBON PLUS MAST

Featuring TaperLock

The all-new ultra stiff Carbon Plus masts make use of a unique manufacturing technique to provide incredible lightweight performance.

**78 / 85 / 98**cm

The ultra high modulus Carbon Plus AeroCore masts push the boundaries of flex and torsional stiffness.

Each mast we have developed has undergone in depth R&D to enable us to achieve the desired stiffness and flex characteristics. Maintaining the 14mm mast thickness, we have been able to reduce the weight with the hollow structure, while improving stiffness through layup and Ultra High Modulus Carbon specifications.



<b>LENGTH</b> (mm)	<b>78</b>	<b>85</b>	<b>98</b>
<b>THICKNESS</b> (mm)	<b>14</b>	<b>14</b>	<b>14</b>
<b>CHORD</b> (mm)	<b>124</b>	<b>124</b>	<b>124</b>

US Box Mount Spacing: 3.55 Inch / 90.3mm bolt spacing.

# REAR FUSELAGE & STABILIZER

Fuselage lengths and tail selection will play a key role in the riding experience of these foils, and we have tuned the complete setups to what we feel is a good balance of technical performance and intuitive ease.

That being said, the modular Tracer platform is open to 3 rear fuselage length options, 4 trimmable stabilizers, along with the various mast length options. It all comes down to user preference, and we have covered the bases with the components available.

Fitting a shorter fuselage will provide high maneuverability and more efficient pumping, with its shorter cadence, compared to the 36.5cm fuselage. The longer effective cadence of the 36.5cm fuselage provides a more stable platform, for general freeride use and progression. Further rider tuning will enable the foil to be pushed to its peak performance based on the conditions at hand.

## TRIMMABLE STABILIZER

The stabilizer allows the trim angle to be quickly adjusted to compensate for the lift requirements for different rider levels, personal preference, and when using different wing configurations.



**REAR FUSELAGES**  
**26.5 / 31.5 / 36.5**

**STABILIZERS**  
**160 / 180 / 200 / 220**

# TRACER HYDROFOIL USER GUIDE

<b>FOIL USER GUIDE</b>	<b>KITE</b>	<b>WAKE/TOW</b>	<b>SURF/PUMP</b>	<b>PUMP</b>	<b>WING</b>	<b>SUP</b>
<b>Tracer v3 650 - Carbon TaperLock</b>	50 - 90kg	50 - 90kg	N/A	N/A	50 - 85kg	N/A
<b>Tracer v3 800 - Carbon TaperLock</b>	65 - 100kg	65 - 100kg	50 - 70kg	50 - 70kg	50 - 85kg	N/A
<b>Tracer v3 1030 - Carbon TaperLock</b>	65 - 100kg	65 - 100kg	50 - 70kg	50 - 70kg	55 - 90kg	55 - 90kg
<b>Tracer v3 1300 - Carbon TaperLock</b>	70kg+	70kg+	65 - 90kg	60 - 80kg	60 - 95kg	60 - 95kg

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