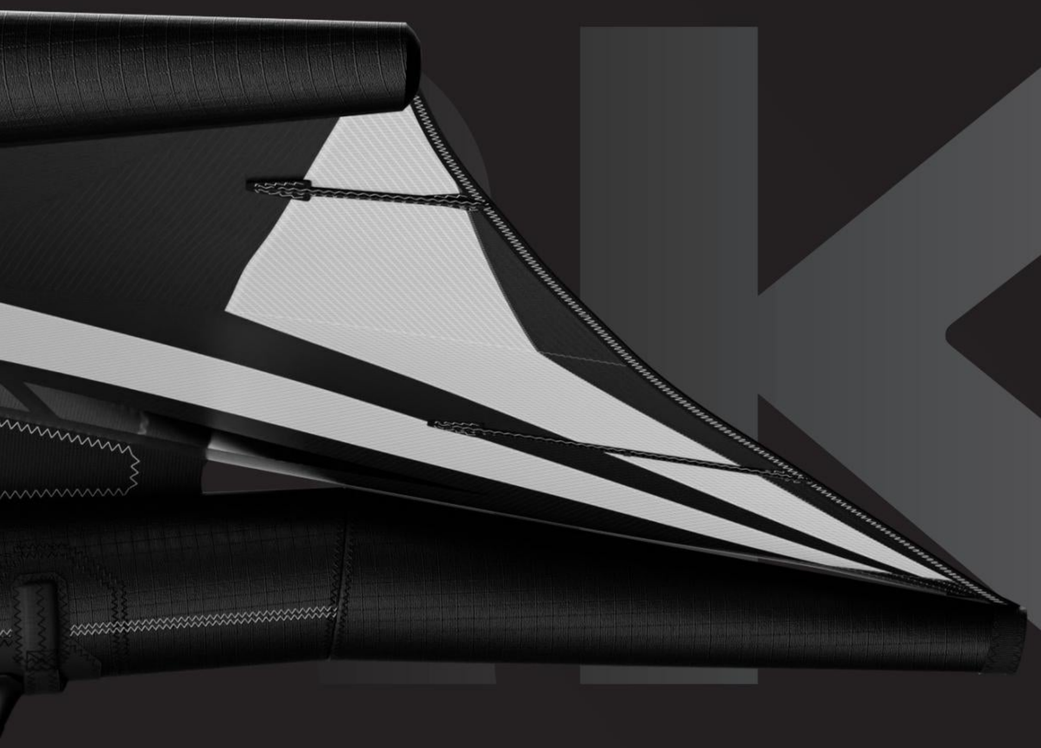
MARK II

PRODUCT RELEASE | **A-WING XPS Mk II & A-WING XPS Mk II LIGHTWIND**

ARMSTRONG

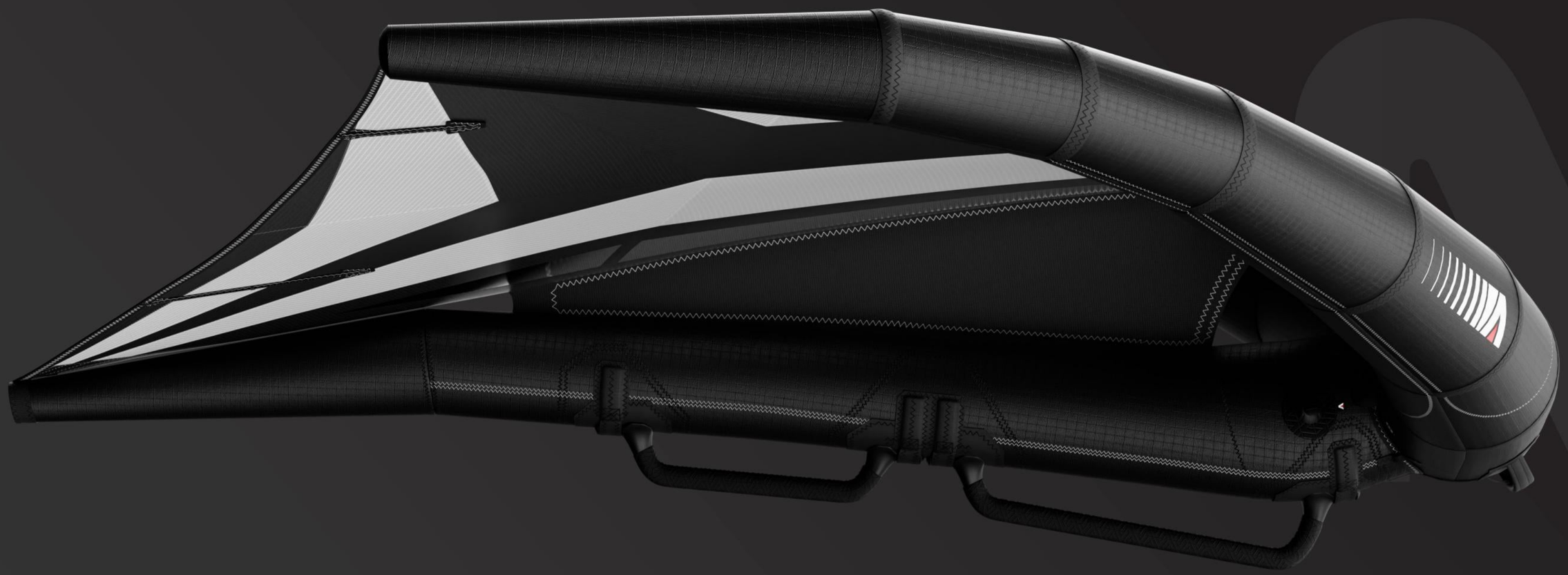
INTRODUCING THE **A-WING XPS Mk II & A-WING XPS Mk II LIGHTWIND**



Mk II

Next level power, speed, and performance.

After two years in development, the new A-Wing XPS Mk II is here. Whether it's next level wing surfing, freestyle, or the Wednesday night local race, it's all in the cards with the A-Wing XPS Mk II. This evolution of the A-Wing delivers greater stability and upwind speed along with the all new Dyna-Link handle system for seamless adjustability between carbon handles or a boom. It's an industry leading blend of power, efficiency, and modularity.



AIRFRAME

Setting the tone for performance.

Precisely engineered for stability and upwind speed, the XPS Mk II's airframe gives it the bandwidth to work with real-world conditions that aren't always ideal, so you can focus on your ride and let the wing do its thing.

MATERIALS

Made for the real world

Sessions can really do a number on your wing over time, which is why we've chosen DLE 160 and 130 for the right amount of durability without sacrificing airframe performance.

PRE TWIST DESIGN

Shaped for efficiency

Pre-twist in the airframe allows the XPS Mk II to achieve its optimal shape when riding, meaning a more efficient airfoil section when it matters. And the slight "double bend" in the strut contributes to efficiency upwind by setting up your arms at the best angle, further reducing muscle fatigue for a more comfortable ride.

OUTLINE

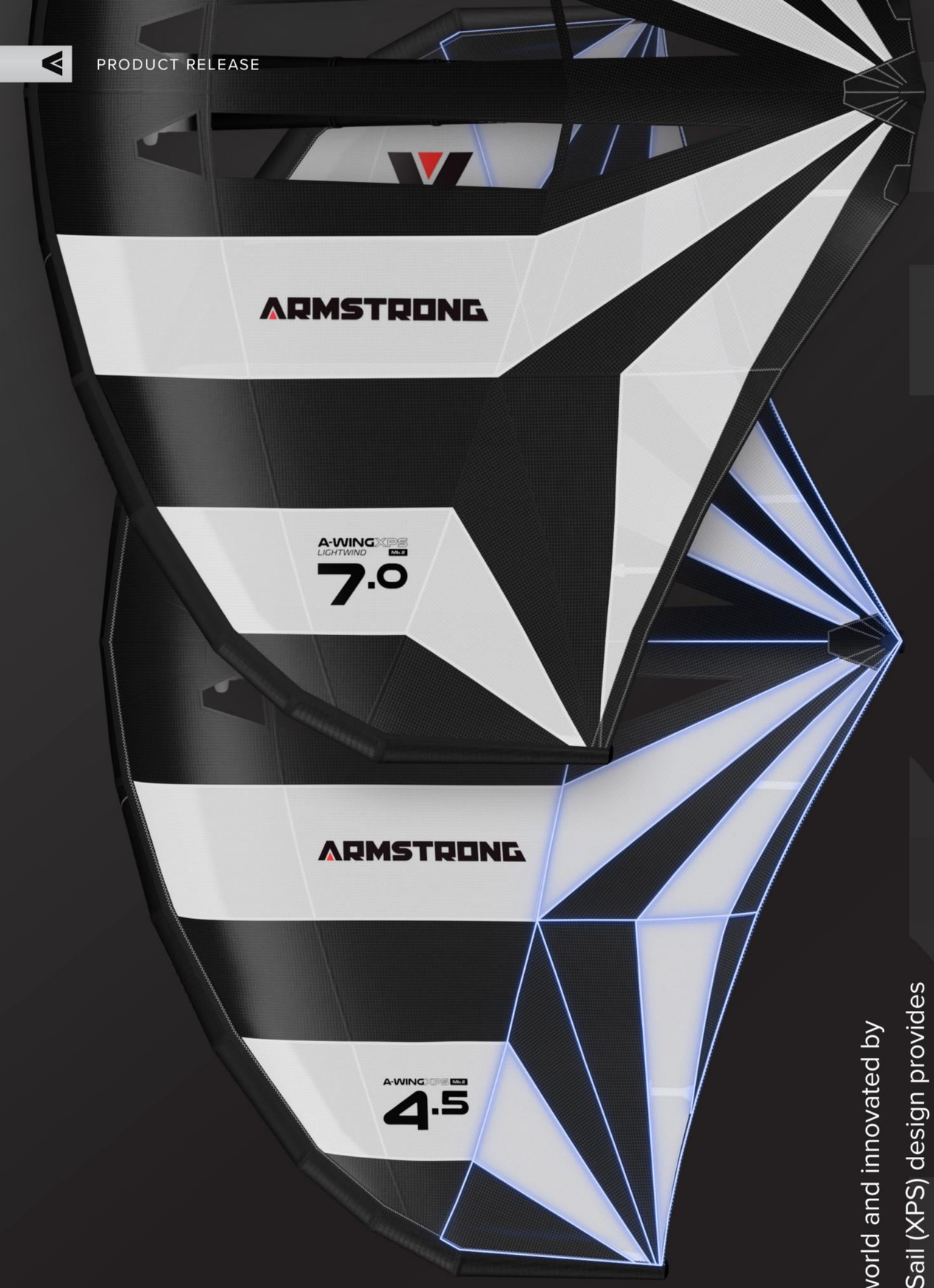
Balanced and stable, yet super efficient

This airframe is now lower aspect for increased stability and smoother power delivery across the wind range, especially in the smaller sizes. Leading edge diameter and airfoil section are optimized for a blend of stability in gusts and speedy efficiency upwind, which is a win whether you're sending airs like Cash Berzolla or working out the basics.

CANOPY

The most advanced canopy on the market.

The XPS Mk II's canopy is the most advanced wing canopy on the market. Teijin D3 Technoforce material laid up in the Cross Panel Sail design makes for stunning performance with real-world durability.



XPS

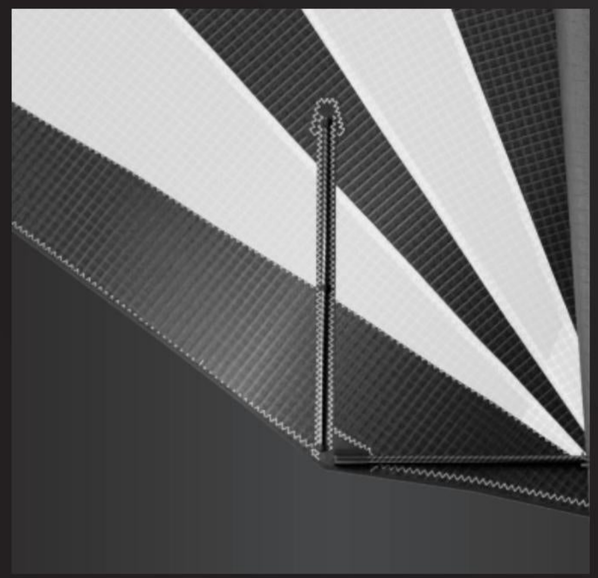
CROSS PANEL SAIL DESIGN

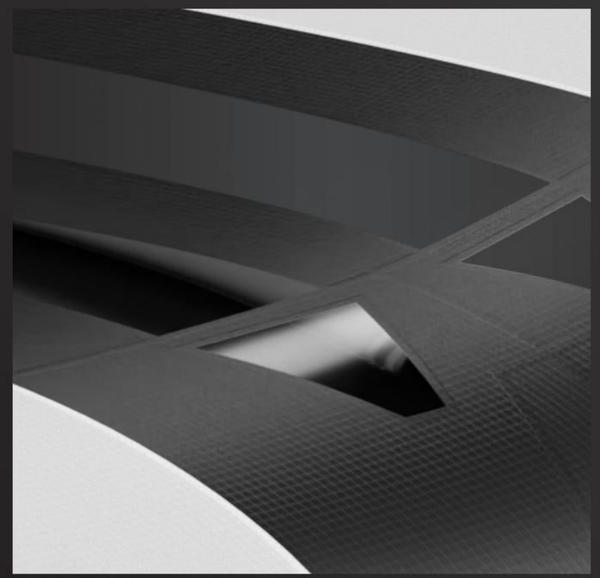
Inspired from the performance sailing world and innovated by Armstrong in winging, the Cross Panel Sail (XPS) design provides an outstanding connected feel to the wing when riding. By arranging the individual canopy panels at specific angles that best suit load distribution across each panel, this panel layout greatly reduces sail distortion, improves frame rigidity, and packs in more power.

POWER BATTEN

*Features on Lightwind Only

Our proprietary, patent-pending carbon fibre Power Batten maintains a precise airfoil profile along the full length of the wing from leading to trailing edge. This dramatically improves power generation through the center of the wing with hyper-efficient airflow and enables the wing's signature bat tail outline. A narrower wingspan with less outboard weight is more balanced, much easier to pump up onto foil and overall feels smaller than other wings of equivalent area – all huge wins out on the water.





MATERIALS
Highly curated

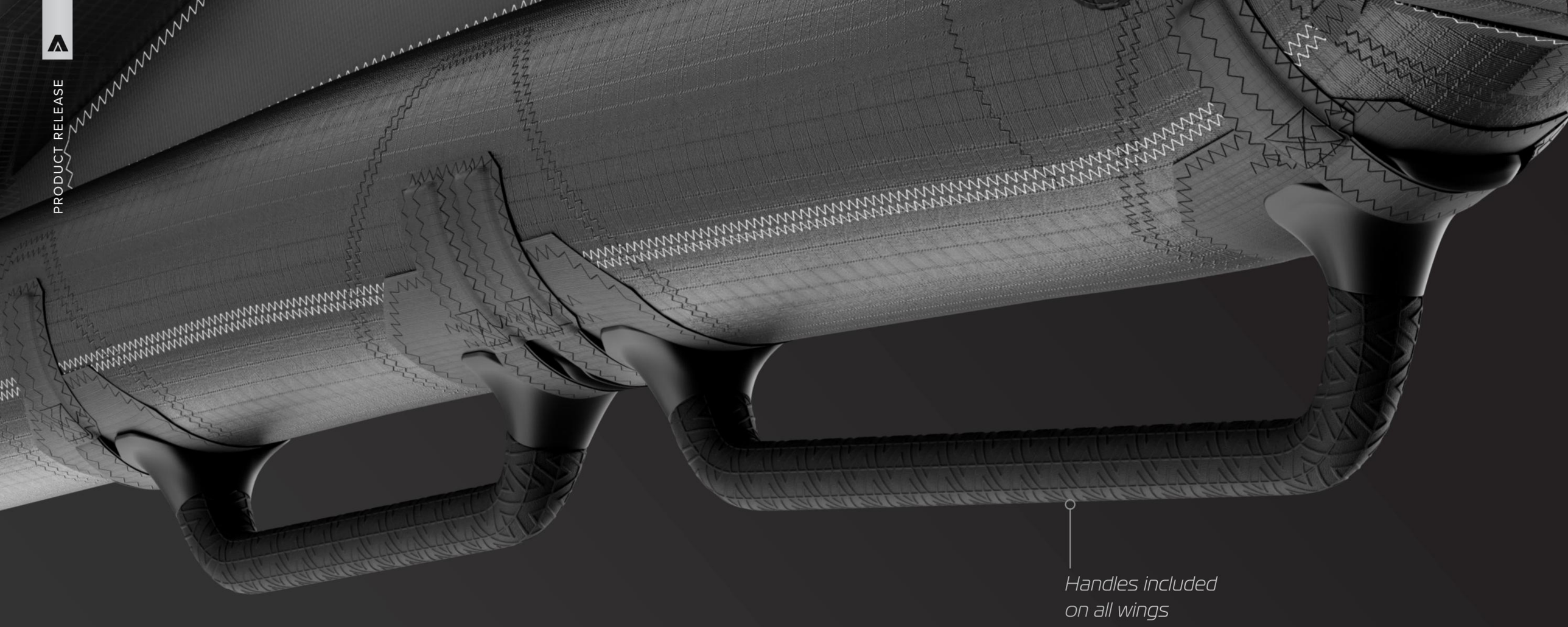
We've chosen Teijin D3 Technoforce because it feels great in flight, maintains its tension over time, and limits wear to a minimum. DLE 130 reinforcement panels further protect the canopy and boost the wing's longevity. Prior to assembly, we rigorously inspect each piece of canopy material to ensure only the very best selection makes it into our wings.

CARBON BATTENS
Minimizing flutter

Removable carbon fiber trailing edge battens minimize canopy flutter and provide easy tuning for varying wind strengths.

WINDOWS
Safety without compromising performance

Clear TPU windows provide excellent horizontal visibility along the strut for added spacial awareness and safety. Our TPU is lightweight, exceptionally clear, and won't yellow or crack over time.



Handles included on all wings

HANDLES

You've got options.

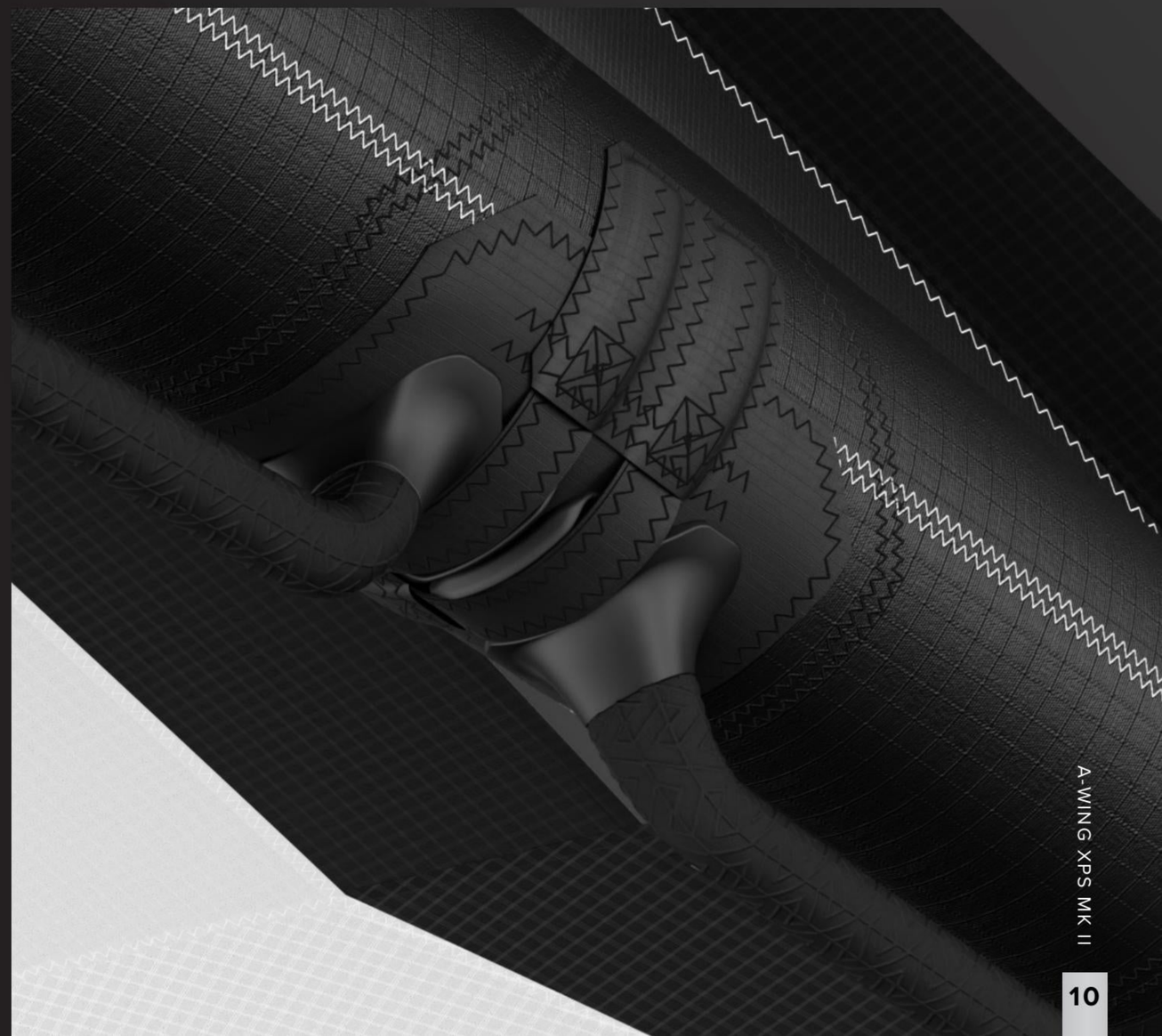
Dyna-Link is an interchangeable strut handle system for the A-Wing XPS. It allows you to choose separate handles or a boom, is quick and easy to assemble with zero hardware, and is pre-positioned so the wing is precisely balanced in flight.

DYNA-LINK
LOCKING HANDLE SYSTEM

Less is more.

The Dyna-Link design is strong, simple, and highly functional without any added fluff. It lacks added wear points like tracks, hardware, or plastic and instead opts for carbon fiber handle towers that link to the strut by hooking into super strong Dyneema anchor loops. Attached or removed when the strut is deflated, the handles lock solidly into place once the strut inflates to pressure.

*Note: The Mk II's strut is now a different recommended pressure than the leading edge.



HANDLES *Features*

MODULAR
The choice is yours

The A-Wing XPS Mk II comes with the newly designed carbon handles. A carbon boom, or Hybrid Carbon Handles can be purchased as optional extra's. Handle and boom lengths scale S-M-L according to specific wing sizes. Harness loops are stitched into the strut.

BALANCED
Optimally placed handle position

The Dyna-Link anchors are placed on the strut in the most balanced and efficient positions. No guesswork needed with infinite handle placement options. Anchor placement is tuned every 3 wing sizes to maintain consistent balance and feel across all the XPS Mk II wing sizes.

GRIP
More grip more control

The XPS Mk II handles and boom achieve a Goldilocks-like grip by way of a carbon fiber core wrapped in textured EVA. The new carbon handles and carbon boom both have a circular profile carbon core that's made with the same tech that goes into our carbon foils. Just the right thickness for feedback and comfort for long sessions.

HANDLES *The Options*

Handles - *Included*

Boom - *Optional Extra*

Hybrid Carbon Handles - *Optional Extra*

HCH HYBRID CARBON HAND E

Sizing:

AS

Small Dyna-Link Boom or Handles

For wing Sizes: **2.0 2.5**

AM

Medium Dyna-Link Boom or Handles

For wing Sizes: **3.0 3.5 4.0**

AL

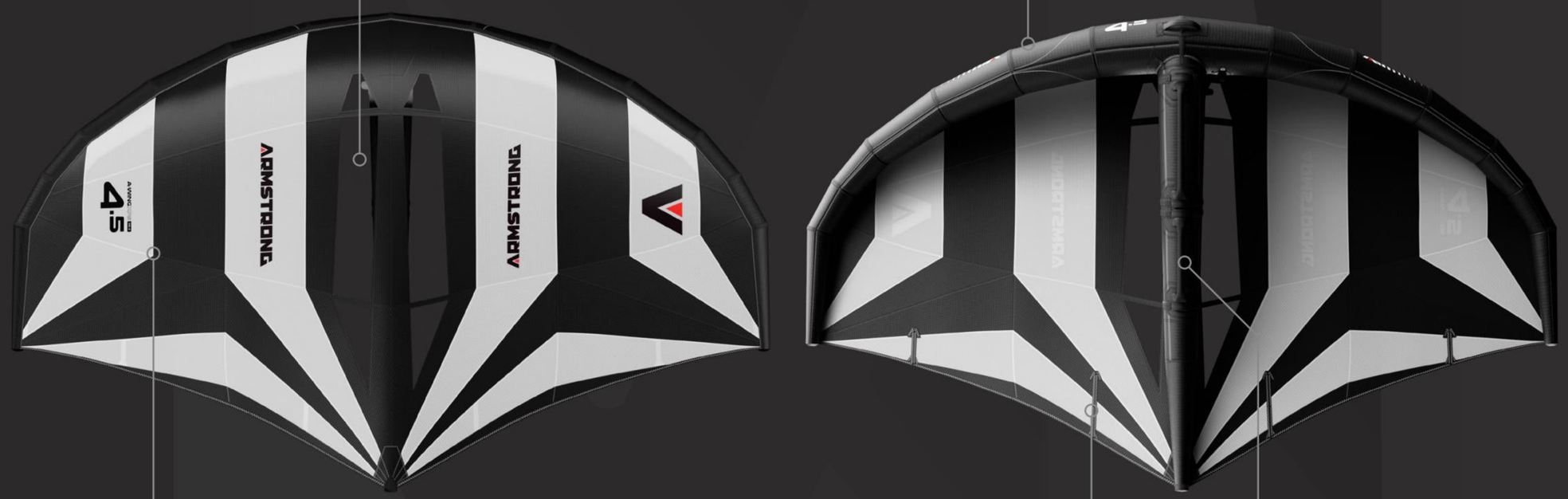
Large Dyna-Link Boom or Handles

For wing Sizes: **4.5 5.0 5.5 6.0 6.5 7.0 8.0**

FEATURES *A-WING XPS Mk II*

Windows
Horizontal visibility for safety that's lightweight, exceptionally clear, and won't yellow or crack over time.

Airframe
Precisely engineered for stability and upwind speed with the durability to take on real-world abuse.



Cross Panel Sail Design Canopy
Greatly reduces sail distortion, improves frame rigidity, and packs in more power.

Trailing Edge Battens
Minimizes canopy flutter and provides easy tuning for varying wind strengths.

Dyna-Link Handle System
Choose separate handles or a boom with quick and easy assembly, no hardware required.

FEATURES *A-WING XPS Mk II LIGHTWIND*

Windows
Horizontal visibility for safety that's lightweight, exceptionally clear, and won't yellow or crack over time.

Airframe
Precisely engineered for stability and upwind speed with the durability to take on real-world abuse.

Dyna-Link Handle System
Choose separate handles or a boom with quick and easy assembly, no hardware required.

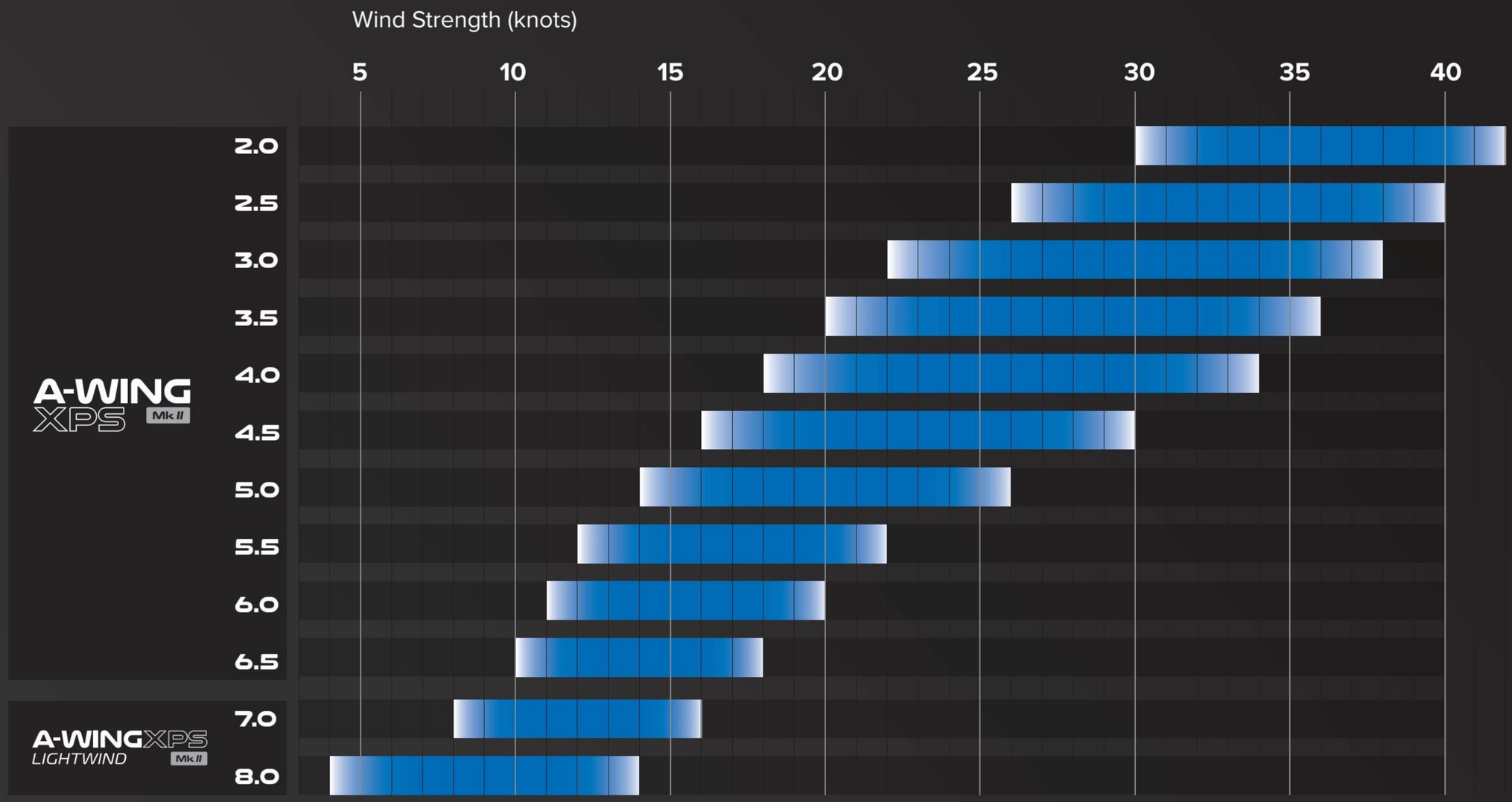
Cross Panel Sail Design Canopy
Greatly reduces sail distortion, improves frame rigidity, and packs in more power.

Trailing Edge Battens
Minimizes canopy flutter and provides easy tuning for varying wind strengths.

Power Batten
Patent-pending carbon fiber bar that greatly enhances lightwind performance by maintaining the larger canopy's airfoil profile.

WIND RANGE

**Based on a 75Kg rider*



SPECS

	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0	6.5	7.0	8.0
Wind Range (kts)	30 - 42	26 - 40	22 - 38	20 - 36	18 - 34	16 - 30	14 - 26	12 - 22	11 - 20	10 - 18	8 - 16	4 - 14
Wing Span (cm)	202	223	242	260	278	295	310	325	339	350.6	357	374
Weight (kgs)	TBC	TBC	1.75	1.85	TBC	2.18	TBC	2.43	TBC	TBC	TBC	TBC
Leading Edge Max Inflation (psi)	9	9	9	8	8	8	8	8	7	7	6	6
Strut Max Inflation (psi)	9	9	9	9	9	9	9	8	8	8	7	7

**Wind Range based on a 75Kg rider *Weight is average without handle*

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