



FLY WITH QUANTUM FUSION MOTH SAILS



TAKE FLIGHT WITH QUANTUM SAILS & OUR ALL-NEW DESIGNS

The Q-AXv2 and Q-HXv2 Moth sails build on the successful Q-AXv1/HXv1 series. These sails, designed by Moth Class leader Mike Lennon with input from top foilers, were inspired by the race-proven performance of the outgoing Quantum Moth sails. The new designs have been updated and revised to increase sail toughness and longevity as well as performance. Both sizes have a fairer shape distribution to give smoother skin and easier usability. The high-performing Moth Class is sensitive to “wetted area” below the waves and above, so minimizing area is essential.

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OCT: Legendary Moth sailor + designer, Mike Lennon, joins Quantum Sails. Development and improvement begins on championship proven Lennon Sails A8 Moth designs.

NOV: New Quantum QA1 + QH1 take shape.

DEC: Quantum QA1 prototype preforms impressive results at the 2022 Moth Pre-Worlds and Worlds in Argentina, Harry Melges IV quickly becomes a top contender in fleet and continues sail testing.

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FEB: Official sail launch to the public of the first Quantum design: the Tyra / iLEX sails QA1 + QH1. Harry Melges IV excels, winning every race in the Pensacola MOTHies Regatta.

APRIL: Further development with Quantum Fusion fabrics and technology. Fusion technology performs. QAX1 + QHX1 outpace and out perform the QA1 + QH1. QAX1 and QHX1 officially replace and take flight for 2023.

JULY: QAX1 + QHX1 dominate European Moth racing scene. Based on success and input an updated Quantum Fusion design takes shape. Testing begins for the QAX2 and QHX2.

OCT: Henry Wetherell tests the new QAX2 for several months leading up to joining the development team.

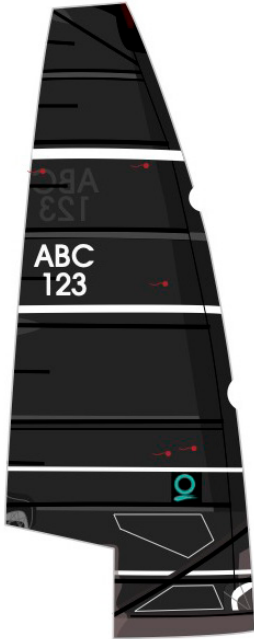
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JAN: Jean-Baptiste Bernez takes delivery of the QAX2 to sail. Eddie Bridle & Phillip Buhl also accept delivery of the new QAX2 designs for Moth practice.

JULY: Eddie Bridle wins 2024 Moth UK Championship, Simon Hiscocks 2nd, David Hively 6th, Quantum Moth QAXv2/QHXv2 with impressive results among many sailors in the fleet.

NOW: Next generation of Quantum Moth Sails (QAX2 + QXH2) are available for purchase. Fly with Quantum!

M O T H



MOTH QAXV2

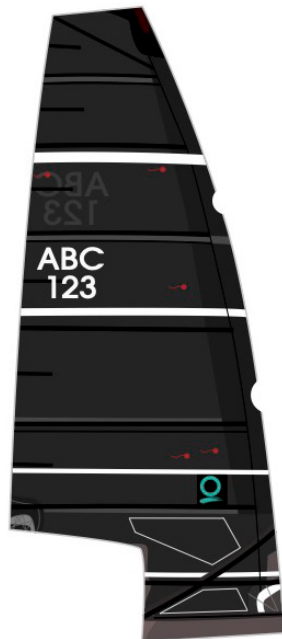
The Q-AXv2 is constructed of premium Fusion membrane, integrating the luff and sail body into one section. The refined 2024 design builds on the elements proven in previous iterations: draft positioning for consistent entry and exit, fairing up the vertical shape distribution, and increased toughness of the skins. Quantum Fusion Moth sails are 100% Aramid fiber with 0505 light skins and a relatively high DPI in the loaded areas of the sail. This design delivers the right stretch in the right places for optimized performance. Combined with increased durability, this helps reduce the weakness of the DS lower-rig concept, negating some of the power losses seen in standard rigs of the past.

Q-AXV2

- Reinforced window panels
- Leech end batten vernier "Rocket" adjustment
- NEW 2024 C-Tech tapered carbon battens
- Fitted sail numbers and rolled sail bag
- NEW 2024 Quantum injection molded cam system long/locking version
- Vernier adjuster key and cam spacers
- Build to spec for CST and C-Tech masts

QAXv2: £2300 (\$2480)

Door to door delivery included for EU only, all prices exclude local tax and VAT



MOTH QHXV2

To eliminate the need for multiple masts and shrouds or heavy air foiling, the Q-HXv2 is available with a 7.5 square meter size based on the same luff length and specifications of the Q-AXv2. Quantum Fusion Moth sails are 100% Aramid fiber with 0505 light skins and a relatively high DPI in the loaded areas of the sail. This design delivers the right stretch in the right places for optimized performance. Combined with increased durability, this helps reduce the weakness of the DS lower-rig concept, negating some of the power losses seen in standard rigs of the past.

Q-HXV2

- Reinforced window panels
- Leech end batten vernier "Rocket" adjustment
- NEW 2024 C-Tech tapered carbon battens
- Fitted sail numbers and rolled sail bag
- NEW 2024 Quantum injection molded cam system long/locking version
- Vernier adjuster key and cam spacers
- Build to spec for CST and C-Tech masts

QHXv2: £2200 (\$2375)

Door to door delivery included for EU only, all prices exclude local tax and VAT