



DEHLER 30 OD



***TO THE NEXT
CHALLENGE.***





AT QUANTUM, WE'RE CONNECTED TO SAILORS EVERYWHERE THROUGH OUR LOVE OF SAILING AND OUR BELIEF THAT FACING EVERY CHALLENGE HEAD-ON IS INFINITELY REWARDING.

FOR US, THAT MEANS CHALLENGING CONVENTION – ESPECIALLY IF THAT'S WHAT IT TAKES TO HELP OUR CUSTOMERS AND THE SAILING INDUSTRY GET TO NEW, BETTER PLACES. AS A COMPANY AND AS INDIVIDUALS, WE EMBRACE EVERY SINGLE CHALLENGE YOU BRING OUR WAY AS OUR OWN.

SINCE 1996, WE HAVE FOCUSED ON PROVIDING THE BEST-PERFORMING PRODUCTS IN SAILING. TODAY, WE'RE EQUALLY RELENTLESS ABOUT DELIVERING A HIGHER STANDARD OF SERVICE, CUSTOMER CARE, EDUCATION, SUPPORT AND MENTORSHIP. IT'S HOW WE'LL CONTINUE TO HELP SAILORS AT ALL LEVELS PURSUE THEIR PASSIONS AND ACHIEVE THEIR ASPIRATIONS.

OUR COMMITMENT STARTS WITH OUR DEDICATED EMPLOYEES AT MORE THAN 50 SAIL LOFTS AROUND THE WORLD AND INCLUDES HUNDREDS MORE WORKING BEHIND THE SCENES TO DESIGN, BUILD AND SERVICE QUANTUM® SAILS.

THE PERFORMANCE ADVANTAGE OF iQ TECHNOLOGY®

▲ DATA DRIVEN SOLUTIONS

Quantum Sails has one of the most comprehensive programs in the industry dedicated to technological advancement. The result is the ability to deliver data-driven solutions to optimize sail and boat performance with the highest level of confidence and precision for racing and cruising boats of all types and sizes.

▲ SAIL SHAPE VALIDATION

More than ten years of sail shape analysis and verification of performance targets with the Quantum Racing TP52 program has provided an unprecedented opportunity to validate and advance the company's iQ Technology® capabilities and more importantly, to deliver on the promise of better performance for all clients.

▲ CUSTOMIZED SOLUTIONS

Quantum's iQ Technology® is used by the company's sail designers to develop sailing solutions for a broad range of scenarios involving racing boats, cruisers, new boat designs, boat modifications, multi-hulls, mono-hulls, classic yachts and super yachts. The performance objectives and exact deliverables are highly customized to each project.

▲ DESIGN PARTNERSHIPS

Quantum's technology team collaborates with yacht designers and mast providers to provide advanced modeling and analysis in support of client projects covering all types of boats including Melges [20, 32, 40], J/Boats, C & C, RC44, Swan, Reichel & Pugh and others.



DEHLER 30 OD & QUANTUM SAILS

Quantum's Dehler 30od sail package truly enables you to play harder. We are proud to offer a state-of-the-art sail package to compliment the new state-of-the-art class. This sail package was expertly designed with iQ Technology® to enhance the uncompromising performance and comfort of the new boat whether you're in race or cruise mode. And, it looks pretty cool too.

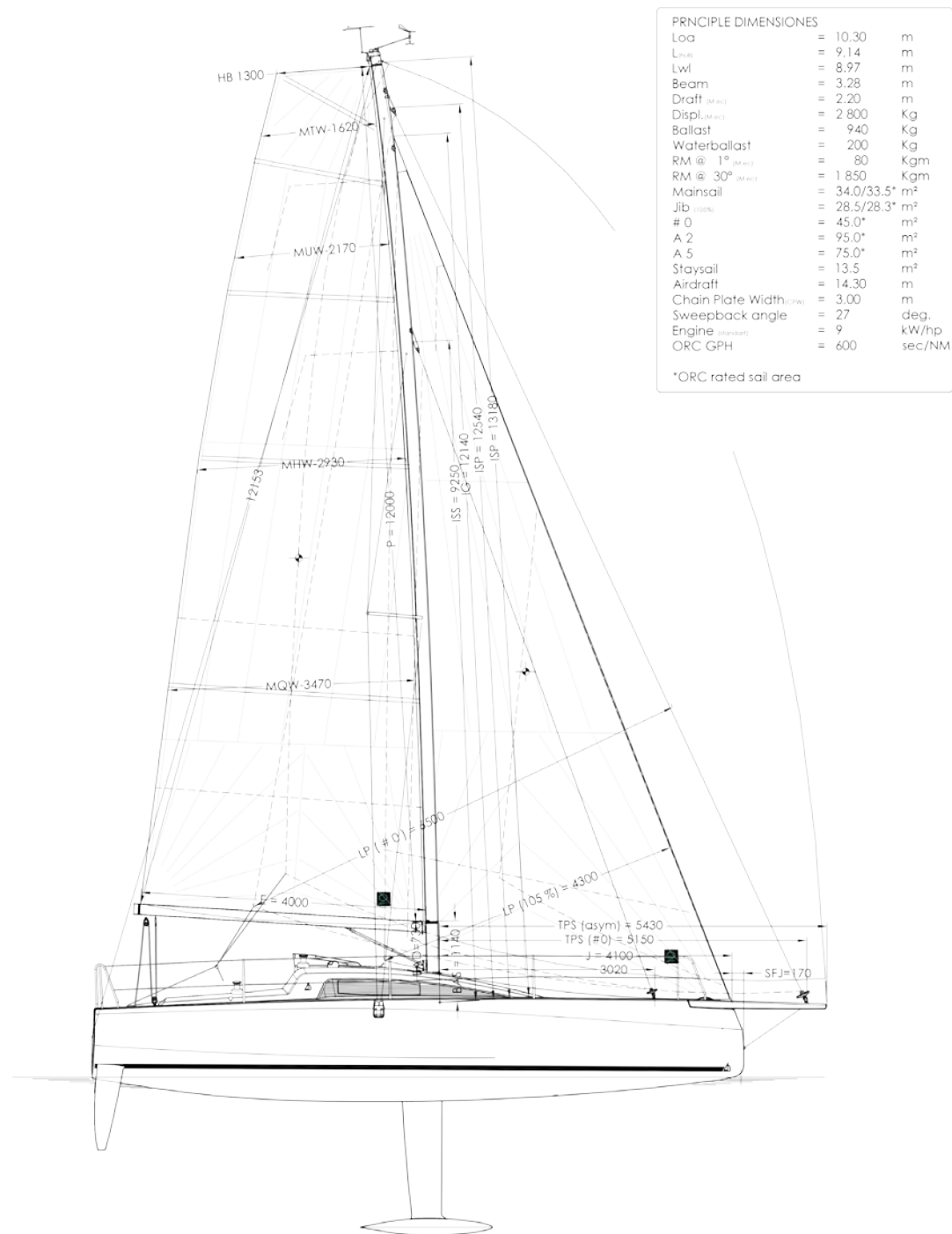
Since our founding in 1996, we have been at the forefront of sail development in every major offshore one design class, and the new, innovative Dehler 30od class is no exception. Our partnership on this project enabled Quantum to develop the most comprehensive suite of sails for the new class. We used the same team and rigorous methodology that in this last year, has produced unprecedented success with winners and World Champions in the 52 Super Series, C&C 30, RC 44, and Melges 40 classes – to name a few. Our team and our approach to design and structure are not only unique, but it also produces results that consistently outperform our competitors. We have a dedicated team standing by in the United States and Europe to take care of all of your sailing needs and ensure you get maximum enjoyment out of your new boat and the one design class.

Dehler  **30od**





Using our state-of-the-art iQ Technology®, we worked closely with Dehler to help develop the most comprehensive suite of sails for the new class. We used the same team and rigorous methodology that in this last year, has produced unprecedented success with winners and World Champions in the TP52 Super Series, C&C 30, RC 44, and Melges 40 classes – to name a few. Our team and our approach to design and structure is not only unique, it produces results that consistently outperforms our competitors.



MAINSAIL

FUSION M® MR 5000 SQUARE TOP MAINSAIL



Quantum's square top mainsail looks as awesome as it performs. Thanks to iQ Technology®, the designers are able to create unprecedentedly fast, repeatable, and high-performing shapes. Twaron (Aramid®) fibers are strategically run at 14000 dpi and secured between Quantum's ultralight, black VX skin with our proven Fusion M lamination process for unsurpassed shape retention, lasting strength, and superior durability. Each sail is then finished by hand with high attention to detail given to the secondary construction elements, including head and corner reinforcements, edge tapes, and reef points.

STANDARD FEATURES

19mm RBS battens and integrated batten pockets
Two reef points
Stainless steel corner rings with webbing (customizable)
ORC/IRC certificate

Sail number and country code
Draft stripes
Class insignia
Tube sail bag

HEADSAILS

FUSION M® MR 5000 AP JIB | STAYSAIL/HEAVY WEATHER JIB | TRI-RADIAL CODE ZERO XC

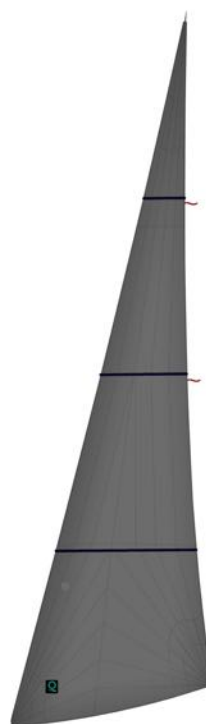


AP JIB

Quantum's all-purpose jib works seamlessly with our square top mainsail to make the boat fly without compromising ease of handling or repeatability. Twaron (Aramid®) fibers are strategically run at 14000 dpi and secured between Quantum's ultralight, black VX skin with our proven Fusion M lamination process for unsurpassed shape retention, lasting strength, and superior durability. Each sail is finished with high attention to detail given to the secondary construction elements, including head and corner reinforcements, edge tapes, and reef points.

STANDARD FEATURES

Soft hanks, 15mm RBS battens and integrated batten pockets, one reef with reef zipper, Tylaska tack shackle, ORC/IRC certificate, telltales, two telltale windows, draft stripes, and a long double-zip regatta sail bag.



STAYSAIL/HEAVY WEATHER JIB

Quantum's Tri-Radial Staysail/Heavy Weather Jib is your solution when the wind blows over 22 kts and as it's constructed with our innovative XC cable-less design, it doubles as a perfect staysail to add that extra horsepower and versatility when reaching in those middle angles. Designed with Quantum's iQ Technology®, this sail is constructed out of GPL Lite Skin for ultimate durability.

STANDARD FEATURES

Quantum's innovative XC cable-less luff design, stainless steel corner rings with webbing, adjustable leech and foot cords, clew Velcro®, ORC/IRC certificate, and duffle bag.



TRI-RADIAL CODE ZERO XC

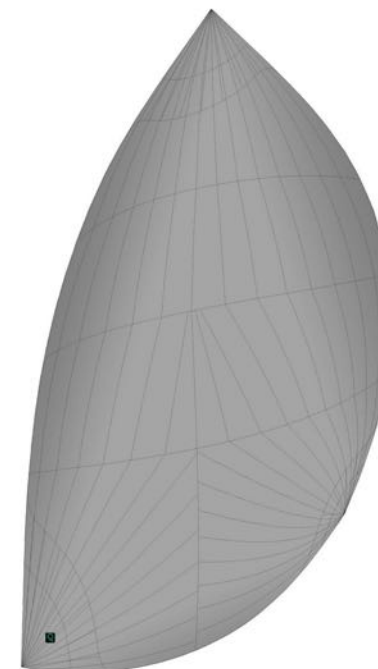
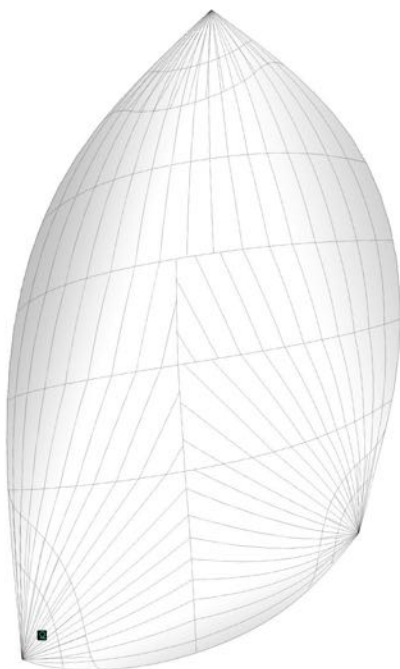
Quantum's Tri-Radial Code Zero XC (A0) is the perfect sail to help you rock those in-between angles and leave your competition in your wake. Our designers used our innovative XC cable-less design and iQ Technology® to optimize the shape and dimensions within the rules for racing code zeros and developed a superior sail. Our code zero is constructed out of carbon CS and CZ 15 Grand Prix material, with generously dimensioned and multi-layered reinforcements are intelligently designed to ensure maximum load capacity and a long life.

STANDARD FEATURES

Quantum's innovative XC cable-less luff design, furling clew Velcro®, stainless steel corner rings with webbing, adjustable leech and foot cords, ORC/IRC certificate, sail number and country code, duffle bag.

DOWNWIND SAILS

A2 RUNNING ASYMMETRICAL | A5 HEAVY REACHING ASYMMETRICAL



A2

Quantum's A2 running asymmetrical kite is a no-brainer if you want high-performance downwind running in all conditions. Our iQ technology® designs are realized with Bainbridge Airx 650 (100%) fabric in an elaborate tri-radial layout for that optimum tread pattern no matter what the conditions are. After the panels are cut with precision laser, they are assembled with generously dimensioned and multi-layered reinforcements. These intelligently designed reinforcements ensure maximum load capacity and a long life. This sail also comes in a wide range of color options to fit your team's style.

STANDARD FEATURES

Lower lazy sheet preventer, stainless steel corner rings with webbing, adjustable leech and foot cords, white or gray color choice (per class designation), ORC/IRC certificate, chevron trim strip, sail number and country code, and spinnaker duffle bag.

A5

Quantum's A5 Heavy Reaching Asymmetrical will be your secret weapon on the racecourse. Our iQ Technology® designs are realized with Bainbridge Airx 700 (100%) fabric in an elaborate tri-radial track layout for that optimum tread pattern no matter what the conditions are. After the panels are cut with precision laser, they are assembled with generously dimensioned and multi-layered reinforcements. These intelligently designed reinforcements ensure maximum load capacity and a long life.

STANDARD FEATURES

Lower lazy sheet preventer, stainless steel corner rings with webbing, adjustable leech and foot cords, white or gray color choice (per class designation), ORC/IRC certificate, chevron trim strip, sail number and country code, and spinnaker duffle bag.



DESIGN & SUPPORT TEAM

▲ **THE BEST OF THE BEST**

The Quantum design and support team has taken the science of sailmaking to the highest level to produce the most efficient and fastest sail shapes possible. This talented group of sail designers, sail consultants, and sailmakers is made up of the best of the best in sailing industry and includes Olympic, world, and national champions. Every member of the Quantum team embodies our dedication to our customers and strives to meet the unique needs of every sailor to ensure the best experience on the water.

SVEN KRAUSE SAIL CONSULTANT

Wees (Flensburg), Germany
T +49 461.40.68.63.10
skrause@quantumsails.com



QUANTUM BY THE NUMBERS

300+

NUMBER OF EMPLOYEES

Including corporate employees, affiliates, and contractors.

1996

YEAR FOUNDED

By a group of independent sailmakers looking to do things differently.

50

NUMBER OF LOFTS WORLDWIDE

Including 18 locations in the United States.

7,000

CUSTOM SAILS BUILT IN 2018

Everything from super yachts, to cruisers, to Grand Prix.





TO THE NEXT CHALLENGE.



QuantumSails.com