

Dehler 46

Dehler
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www.dehler.com

Layout: www.mlv.de | Print: Druckhaus Panzig | Pictures: Nico Krauss, Henry Dramsch, Anja Schmidt
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CIBD46/B/1014

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Dehler 46



THE DEHLER 46

06

WIND AND WATER

Segeln! Sich bewegen lassen vom Wind, mal gleiten, mal stürmen. Mal im Einklang, mal im Kampf mit den Elementen. Hart am Wind im Rausch der Geschwindigkeit oder sanft getrieben über spiegelnde See. Segeln! In all seinen Formen und Farben, mit Verstand und Gefühl. Segeln! Die Dehler 46.

Sailing! Let yourself be moved along by the wind, sometimes gliding, sometimes facing a storm. Once you are floating with the wind, at other times fighting against the elements. Sailing close to the wind, drunk with speed, or gently carried over a glittering lake. Sailing! In all its shapes and colours, with reason and with feeling. Sailing! The Dehler 46.

OUR IDEA OF SAILING

Eine Yacht wie die Dehler 46 kann man nur bauen, wenn man durch und durch Segler ist. Nur wer an diesen wunderbaren Sport als erstes nach dem Aufstehen und als letztes vor dem Einschlafen denkt, hat die nötige Besessenheit, um an jedem Detail bis zur Perfektion zu feilen. Als Pioniere im deutschen GFK-Bootsbau tun wir bei Dehler dies jetzt schon seit über 50 Jahren und die Ergebnisse machen unsere Kunden und Mitarbeiter gleichermaßen stolz.

Unsere Leidenschaft für den Bau perfekter Yachten basiert auf klaren Wertevorstellungen. Die Dehler 46 ist der Inbegriff dieser Werte und spiegelt damit unsere Begeisterung für wahre Bootsbaukunst wieder. Tauchen Sie ein in die Welt von Dehler.

You can only build a yacht like the Dehler 46 if you are a sailor through and through. Only someone whose first thought when they wake up and their last thought at night is this wonderful sport is obsessed enough to fine-tune every detail to perfection. As pioneers in the german GRP boat building we at Dehler have been doing this for over 50 years and the results make our customers and employees equally proud.

Our passion for building the perfect yacht is based on clear values. The Dehler 46 is the epitome of these values and thus reflects our enthusiasm for true boat building artistry. Immerse yourself in the value world of Dehler.



Value No. 1 PROCEED WITH SPEED

Für uns gehört Schnelligkeit zu den wichtigsten Tugenden einer Yacht. Warum? Weil es ungeheuer viel Spaß bringt, wenn der Bug rasant durch die Wellen schneidet. Und um Spaß geht es beim Segeln nun einmal. Deshalb haben auch unsere komfortablen Yachten immer Sport-Gene.

For us, speed is one of a yacht's most important virtues. Why? Because it is incredible fun when the bow cuts through the waves at a terrific pace; and sailing is simply about having fun. Our comfortable yachts therefore always have a talent for sport too.

Value No. 2 SMART PERFECTION

Eine perfekte Yacht ist schön, sicher und schnell. Die Ausstattung lässt keine Wünsche offen. Im Design verschmilzt Funktion mit Ästhetik und die Verarbeitung ist makellos bis in die kleinste Kleinigkeit. Diese hohen Ansprüche sind bei Dehler Mindeststandard. Wir bauen jede Yacht so, dass Sie beeindruckt sind von den vielen cleveren Ideen. Wenn alle Lösungen ganz einfach aussehen, obwohl es harte Arbeit war, dann ist es Smart Perfection.

A perfect yacht is beautiful, safe and fast. Her features leave nothing to be desired. Her design blends functionality with aesthetics, and the workmanship is flawless, right down to the smallest detail. Such high standards are

simply the minimum at Dehler. We build each yacht in such a way that you will be impressed by lots of clever ideas. 'Smart perfection' is when solutions seem really simple although hard work has been put into them.

Value No. 3 GERMAN ENGINEERING

Dehler steht für die Werte, die „Made in Germany“ zu dem Gütesiegel gemacht haben, das es bis heute ist. Vor allem zählt für uns Gründlichkeit. Präzision in jedem Detail prägt unser Denken und Handeln sowie die Wahl unserer Partner. Dazu gehören vor allem die international renommierten Yacht-Konstrukteure judel/vrolijk & co. Sichtbar wird dies in zeitlosen Formen mit dynamisch-eleganten Linien.

Die perfekte Verarbeitung fällt auch im Interieur auf, wo Zweckmäßigkeit und Ästhetik auf begeisternde Weise verschmelzen.

Dehler justifies values that turned 'Made in Germany' into the seal of approval that it is today. Thoroughness counts before everything else. Precision in every detail is what shapes the way we think and act as well as who we choose to be our partners. Most notably, the internationally renowned yacht designers judel/vrolijk & co belong to our partners. Timeless shapes with dynamic, elegant lines are testimony to all of this. Perfect workmanship is evident in the interior as well, where functionality blends with aesthetics in a fascinating way.



THE DEHLER 46

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SAILING YOUR COURSE

Die „eine“ Dehler 46 gibt es eigentlich nicht, weil jede Dehler 46 dank der Ausstattung individuell gestaltet werden kann. Denn die Dehler 46 ist wandelbar wie ein Chamäleon und passt sich ganz Ihren Wünschen an.

Als Performance-Cruiser bietet sie eine ganze Bandbreite an Möglichkeiten, ob als konkurrenzfähiges Regattaschiff, gemütlicher Daysailer oder luxuriöse Tourenyacht. Ihre Vorliebe kann durch eine Vielzahl von Ausstattungsoptionen hervorgehoben werden.

Für einen eleganten Komfort-Cruiser mit allen Annehmlichkeiten wählen Sie ein wunderschönes Teakdeck, eine große Heckklappe für den Badespaß. Wer es lieber sportlich mag, der wählt das Competition-Paket und macht aus seiner Dehler 46 einen richtig schnellen Segler. Egal, wofür Sie sich entscheiden. Die Dehler 46 ist in jedem Hafen ein Hingucker und überzeugt mit dem elegant-sportiven Design von judel/vrolijk & co, das wir in vollendeter Qualität umsetzen.



A casual Dehler 46 doesn't really exist, because every Dehler 46 can be customized in terms of equipment. The Dehler 46 is changeable as a chameleon and adapts completely to your wishes.

As a performance cruiser she offers a whole range of possibilities, whether you prefer a competitive race yacht, a comfortable daysailer or a luxury cruiser yacht. Your preference may be highlighted by a variety of options.

For an elegant comfort cruiser with all amenities you select a beautiful teak deck, a large bathing platform for swimming fun. If you prefer it sporty, opt for the Competition Package and transform your Dehler 46 in a truly fast yacht. Whatever you choose, the Dehler 46 is an eye-catcher in each port and convinces with the elegant, sporty design of judel/vrolijk & co, which we implement in perfect quality manner.

Dehler 
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INDIVIDUALITY

IT'S UP TO YOU

Rumpf in innovativer Vakuum-Infusions-Bauweise, optimierte Lastverteilung durch Dehler Carbon Cage®, intelligentes Uni-Door-Raumbad, Laminatsegel – das sind nur einige der Highlights. Viel Spaß bei der individuellen Gestaltung Ihrer Dehler 46.

Innovative vacuum infused hull, optimized load distribution by Dehler Carbon Cage®, intelligent uni-door ensuite bathroom solution, laminated sails - these are just some of the highlights offered. Enjoy customizing your Dehler 46.



Following the new established design lines, the Dehler 46 offers a well-balanced ratio between cruising comfort and swift performance. The new window line identifies her as a Dehler even from far distance. The true strength though lies in her versatility. Be it as an upgrade from no compromise cruiser to an outstandingly fast competitor or vice versa. The Dehler 46 is the perfect platform for fast sailing with a reasonable rating.

Torsten Conradi, Managing Director of judel/vrolijk & co



EASY TO SAIL

Die umfangreiche Grundausstattung der Dehler 46 wird mit den sinnvollen Zusatzoptionen Ihrer Wahl noch komfortabler.

The Dehler 46's extensive basic features are even more convenient with your choice.



HARD TO BEAT

Auch wenn Sie es eilig haben, ist die Dehler 46 die richtige Yacht für Sie. Mit ein paar Modifikationen wird aus dem komfortablen Performance-Cruiser eine reinrassige Regatta-Yacht.

The Dehler 46 is the right yacht for you, even when you're in a hurry. With just a few modifications, your luxurious performance cruiser can be converted into an ambitious racer.

CONFIGURATION

Zu den vielfältigen Ausstattungsoptionen gehören z. B. ein Teak-Deck oder die komfortable Badeplattform, die den Zugang zum Wasser erleichtert und die Decksfläche erheblich vergrößert. Die sportliche Variante spart Gewicht u. a. mit einem Carbon-Rig, tiefem T-Kiel, langem Ruder und Laminatsegeln.

The versatile options for furnishings include a teak deck and the convenient bathing platform, which makes it easier to access the water and considerably enlarges the area of the deck. The sports version carries less weight, i. a., due to a carbon rig, deeper rudder and laminate sails.



HULL

LOA	14.40m / 47'2"
Hull length	13.95m / 45'8"
LWL	12.90m / 42'3"
Beam	4.35m / 14'3"

KEEL

Standard	2.25m / 7'4"
Competition	2.50m / 8'2"
Shallow	1.85m / 6'1"
West coast	2.45m / 8'0"

DISPLACEMENT

Standard	11.20t / 24,691lbs
Competition	10.70t / 23,589lbs
Shallow	11.55t / 25,463lbs
West coast	11.05t / 24,361lbs

BALLAST

Standard	3.50t / 7,716lbs
Competition	3.15t / 6,944lbs
Shallow	3.85t / 8,488lbs
West coast	3.35t / 7,385lbs

ENGINE & CAPACITIES

Engine	53HP / 38.98kW
Engine Option	72HP / 52.95kW

RIG

Mast length above WL	
Standard	21.20m / 69'5"
Competition	22.20m / 72'8"

MAINSAIL

Standard	64.40m ² / 693sq ft
Competition	73.00m ² / 753sq ft

JIB

Standard (106%)	Competition (106%)
49.70m ² / 535sq ft	55.00m ² / 592sq ft

Standard

I	18.10m / 59'4"
J	5.29m / 17'3"
P	17.60m / 57'7"
E	6.25m / 20'5"

Competition

I	18.90m / 62'9"
J	5.29m / 17'4"
P	18.70m / 61'4"
E	6.55m / 21'5"

TOTAL SAIL AREA

Standard	114.10m ² / 1,228sq ft
Competition	121.00m ² / 1,302sq ft

TANKS

Fresh Water	450l
Fuel Tank	210l

CE CERTIFICATE

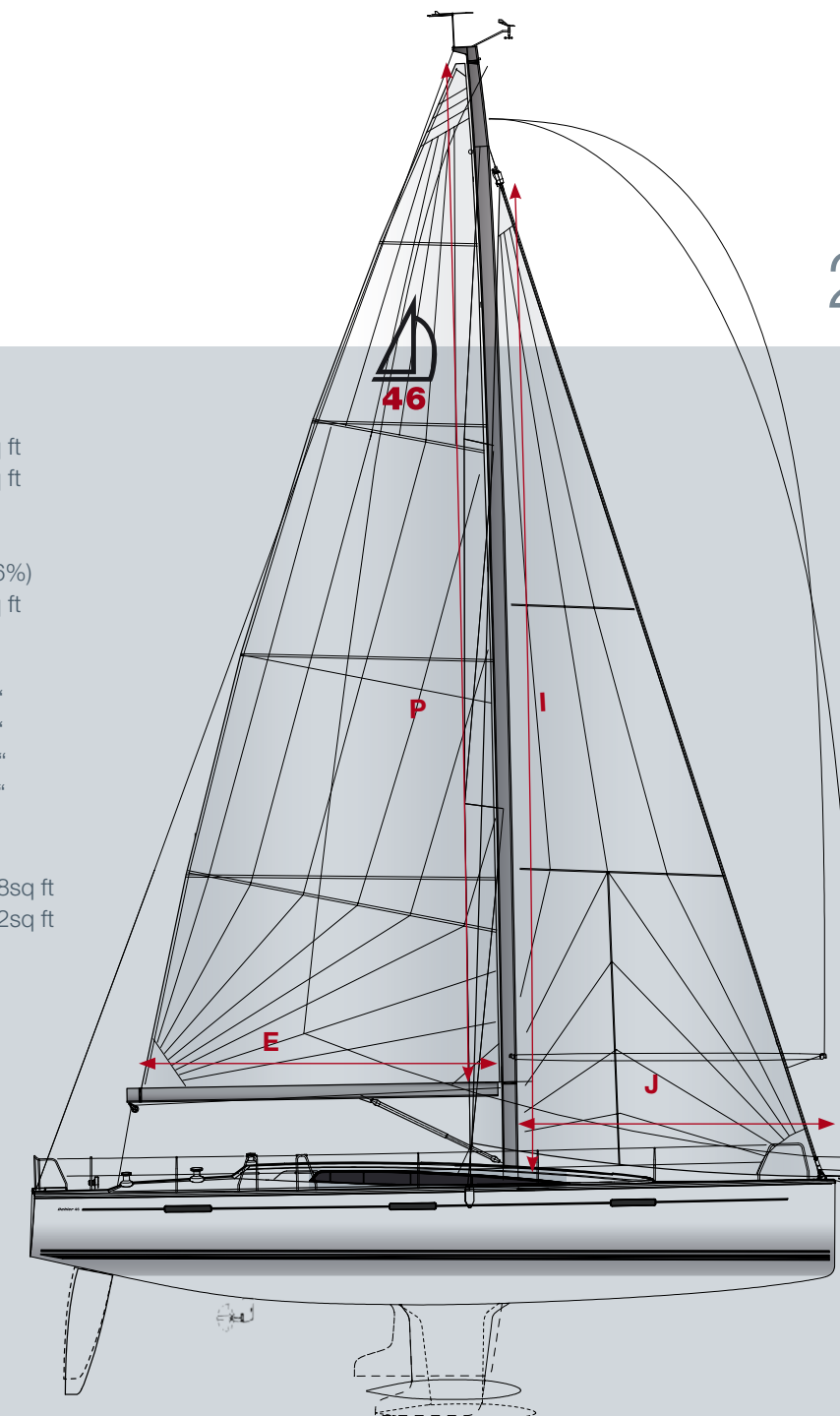
The Dehler 46 is built according to CE Certification, Class A

HULL DESIGN

judel/vrolijk & co.

INTERIOR DESIGN

Dehler



Dehler 
46

EXTERIOR DESIGN

CHARACTER THAT MEETS THE EYE

Eine Dehler 46 ist unverkennbar. Sie besticht durch eine einzigartige Persönlichkeit, die mit klaren Linien und einem einfallsreichen Exterieur überzeugt. Eine Yacht mit Klasse und unverfälschtem Charakter.

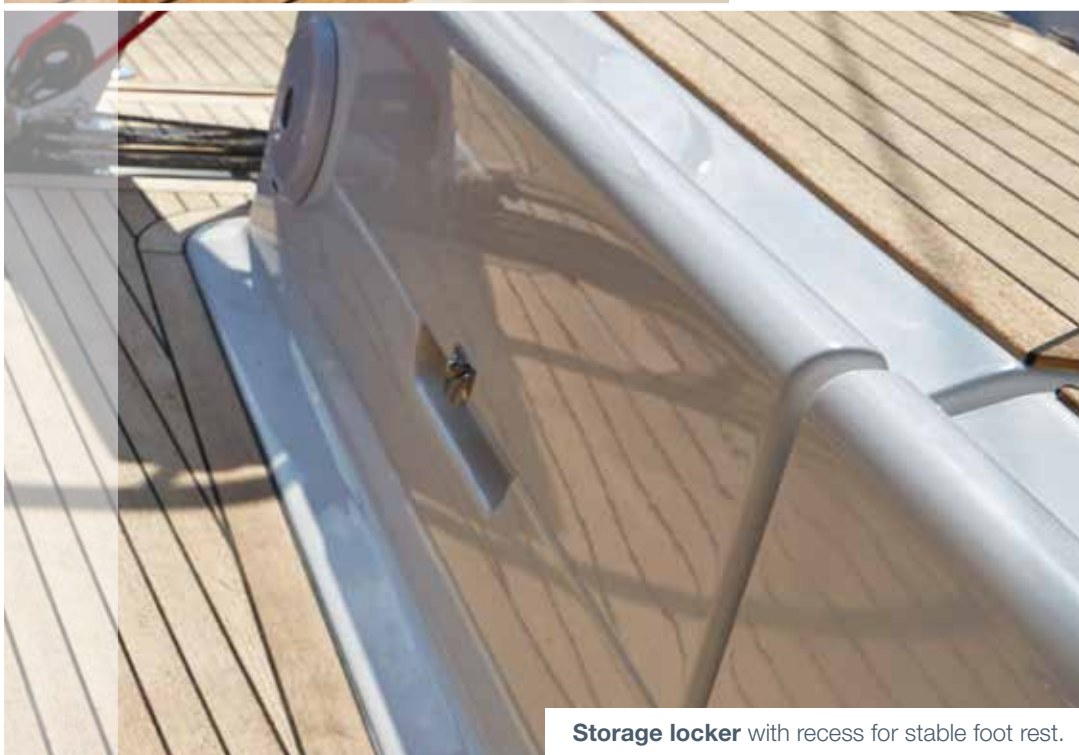
A Dehler 46 is unmistakable. She impresses with a unique personality that stands out with clean lines and an imaginative exterior. A yacht with class and genuine character.



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Flush hatches on coachroof.



Storage locker with recess for stable foot rest.

Auf den ersten Blick fällt das klare und aufgeräumte Deckslayout ins Auge. Hier sitzt jeder Handgriff. Die vielen intelligenten Details machen das Segeln so einfach, selbst mit kleiner Crew.

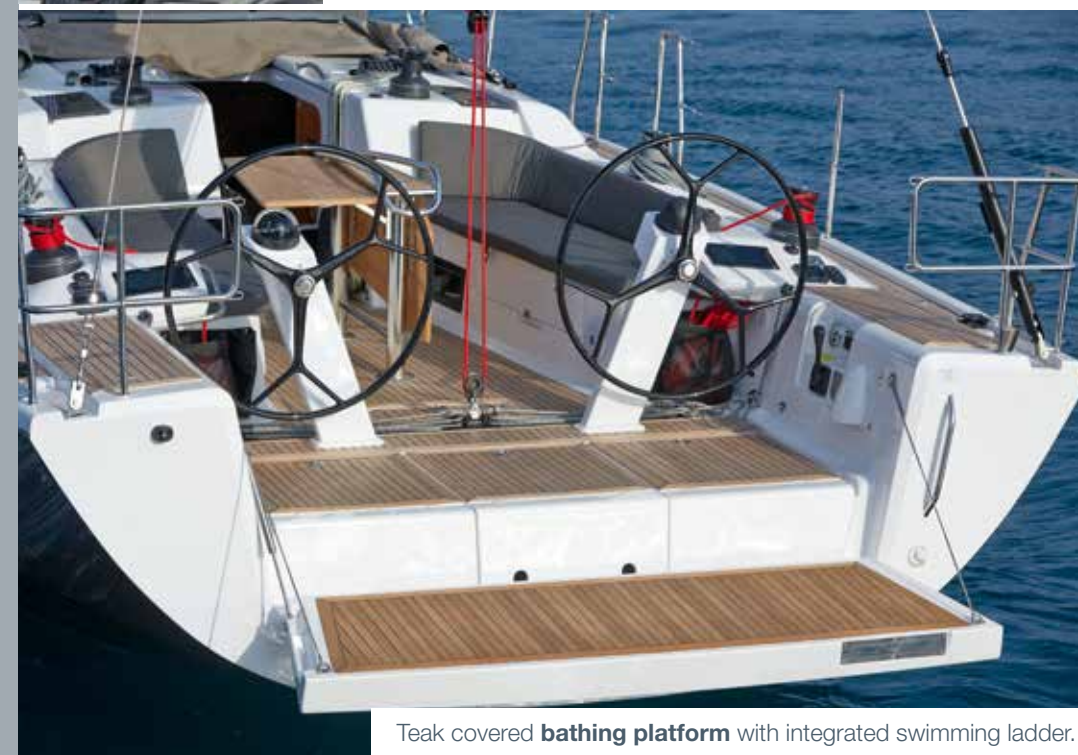
At first glance, the clear and uncluttered deck layout catches your eye. Everything is running smoothly. Many intelligent details make sailing so easy, even with a small crew.

EXTERIOR DESIGN

DECK



The elegant and roomy cockpit provides space for the whole crew.



Teak covered **bathing platform** with integrated swimming ladder.

24



The mast is keel stepped for better performance.

25



The new Dehler design is recognized by the dynamic line of the cabin windows, which can all be opened individually. These are additionally emphasised due to the aluminium frame.



Hidden halyards allows the deck design to be clean-cut.



Full control at helmsman position thanks to the **elegant instrument consoles**.



Space for the whole crew in the protected cockpit. **Fixed table** and wide passageway.

26



Recessed into the floor, the mainsheet **traveller** allows an ideal trim of the mainsail.



Die innovative Vakuum-Infusions-Technologie sorgt dafür, dass der 14,40 Meter lange Rumpf aus Osmose-resistentem Vinylesterharz 20 Prozent steifer als bei herkömmlicher Bauweise wird. Der steile Steven verlängert die Wasserlinie und resultiert in einer erhöhten Rumpfgeschwindigkeit. Die Standardversion der Dehler 46 verfügt über einen 2,25 Meter langen Kiel, während die Competition-Version mit einem Kiel von 2,50 Meter Länge punktet. Für das Segeln in flacheren Segelrevieren steht optional ein Kiel mit 1,85 Meter Tiefgang zur Auswahl. Zusätzlich steht ein 2,45 m langer West Coast L-Kiel zur Verfügung.

The innovative vacuum infusion technology ensures that the 14.40 meter long hull made of water-resistant vinyl ester resin is 20 percent more rigid than conventional designs. The steep stem extends the waterline and results in increased hull speed. The standard version of the Dehler 46 has a 2.25-meter-deep keel, while the competition version carries with a keel depth of 2.50 meters. Optional for sailing in shallow waters is a keel with 1.85 meter draught. We also provide a 2.45 m deep going West Coast L-Keel.

EXTERIOR DESIGN HULL



The Dehler 46 is dynamic and that is something you can measure. The polar diagram below is a no-frills representation of our no. 1 value: **proceed with speed.**



Upwind, downwind or reaching at maximum speed due to the **versatile hull design.**



Sail Performance

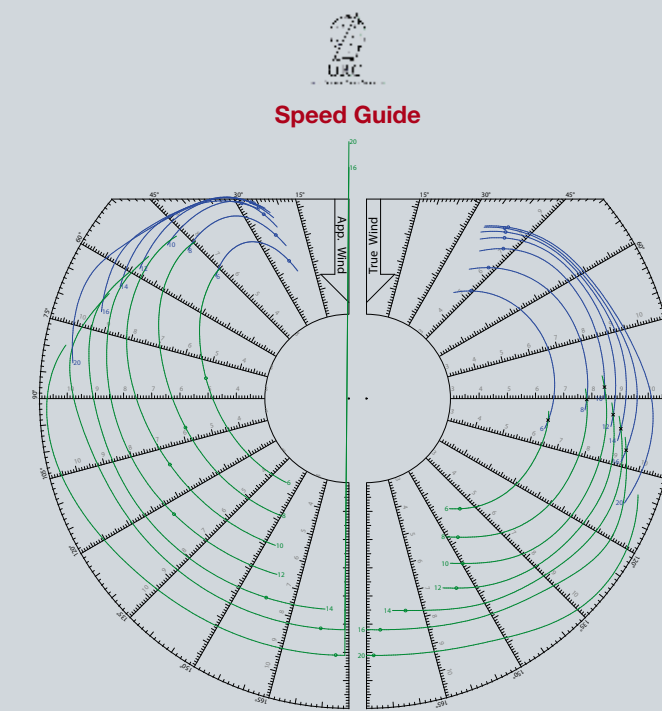
at 16kn true wind

39.1°	7.78kn
60°	8.84kn
90°	9.61kn
120°	10.00kn
135°	9.39kn



Total Sail Area

Standard	114.1 m2
Competition	128.0 m2



Die Dehler 46 ist mit hochwertigen Segeln der Marke Elvstrøm ausgestattet. Sie haben die Wahl zwischen Fast Cruising Laminate Segeln oder HPM-Segeln aus Vectran/Polyester gegen Delamination. Diese sind bei längerer Lebensdauer leichter und formstabiler, lassen das Schiff schneller, höher am Wind und aufrechter segeln ohne in der Welle Fahrt zu verlieren.

The Dehler 46 is equipped with high-quality Elvstrøm sails. You can choose between Fast Cruising Laminate sails or HPM sails made from vectran/polyester with a three year guarantee against delamination. These are lighter and more stable with a longer life span, allowing the boat to sail faster, higher and more upright without losing speed in the waves.

EXTERIOR DESIGN SAILS



PERFORMANCE SAILS

Layout/ Cloth



Accessories

2 reefs, 4/4 battens

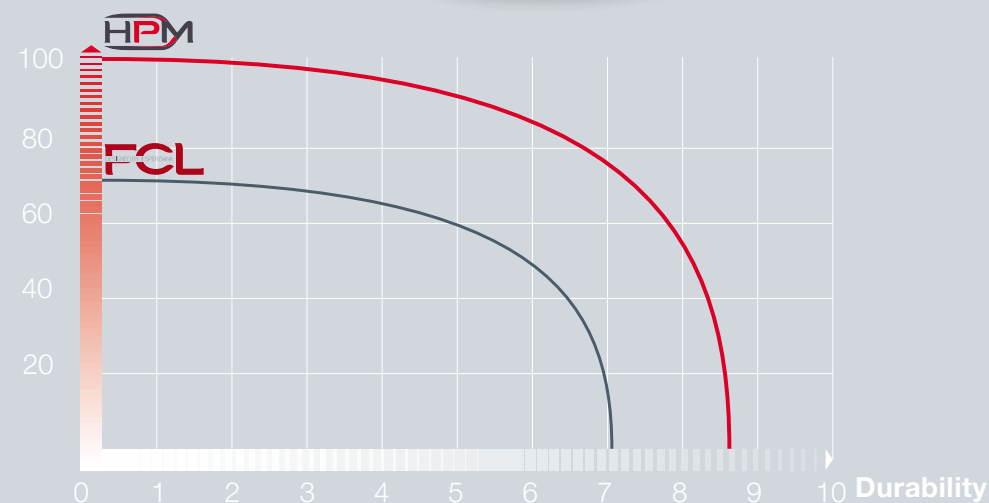
Dehler 46

Sail Size 114.10 m²

Dehler 46 Competition

Sail Size 128.00 m²

Performance



Das Hightech-Kohlefaserrig von Pauger

Der Kohlefasermast mit seinen Kohlefasersalingen bietet durch einen Meter mehr Länge eine größere Segelfläche als der Standardmast. Dieser verbessert so die Segeleigenschaften am Wind und in der Welle durch ein geringeres Topgewicht. Darüber hinaus ist er im Vergleich zu Aluminium weitaus witterungsbeständiger – Kohlefaser bietet Ihnen Komfort, Sicherheit und Leistung!

The Pauger High Tech Carbon Rig

With an increased length by one meter and its carbon spreaders, the carbon mast and its increased sail area enhances the sailing characteristics close to the wind and in rough sea due to lower topweight. They are far more weather resistant than aluminium masts. Carbon will bring you comfort, security and performance!

EXTERIOR DESIGN CARBON RIG





Gestalten Sie die **Optik Ihrer Dehler 46** mit Stoffen, Farben und Materialien nach Ihrem Geschmack.

Design your **Dehler 46 look** with fabrics, colours and materials to your preferences.

EXTERIOR DESIGN MATERIALS & COLOURS

EXTERIOR | GELCOAT HULL, WATERLINE & DECORLINE

The hull, waterline & decorline can be matched according to the gelcoat selection chart.
Your dealer will be happy to advise you.

Mix and match as you wish

STANDARD

signal white RAL 9003

dark blue RAL 5004

OPTIONS

shown are examples. All colours can be matched.

signal white RAL 9003

white grey RAL 7047

white grey RAL 7047

signal white RAL 9003

grey RAL 7040

signal white RAL 9003

stone grey RAL 7032

dark grey RAL 7043

signal white RAL 9003

black RAL 9011

white grey RAL 7047

dark grey RAL 7043

grey RAL 7040

white grey RAL 7047

stone grey RAL 7032

signal white RAL 9003

EXTERIOR | PAINTED HULL, WATERLINE & DECORLINE

The hull, waterline & decorline can also be painted in 70 + more other colors according to Alexseal color selection.
Your dealer will be happy to advise you.
Mix and match as you wish



OPTIONS
shown are examples. All colours can be matched.

flag blue vivid red	vivid red dark grey	dark grey oyster white	oyster white flag blue
flag blue light grey	taubenblau oyster white	dark green cream	light grey black

EXTERIOR | NATURAL TEAK & FLEXITEEK

NATURAL TEAK OPTION



FLEXITEEK OPTIONS

scrubbed look black caulking	scrubbed look grey caulking	scrubbed look white caulking	weathered look black caulking
teak look black caulking	teak look grey caulking	teak look white caulking	weathered look white caulking

EXTERIOR | COVERS & UPHOLSTERY

Maindrop, Sprayhood, Cockpit Canopy, Steering Wheel Cover, Cockpit table cover

OPTIONS



Cockpit Upholstery

OPTIONS



INTERIOR DESIGN

DESIGNED TO MAKE YOU FEEL AT HOME

Machen Sie es sich bequem. Gestalten Sie den harmonischen Innenraum mit seinen elegant fließenden Formen nach Ihren Wünschen.

Make yourself comfortable. Style the harmonious interior with its elegantly flowing shapes to suit your preferences.



A modern designed interior creating an outstanding and cosy atmosphere.

39



Full control at the generous **navigation area**.



Pop-up minibar in salon.

Der zentrale Bereich im Inneren bietet zahlreiche bemerkenswerte Lösungen zur optimalen Raumnutzung, so lassen sich zum Beispiel die Salonschränke mit ihren ungewöhnlichen Radien praktischerweise nach oben öffnen.

The central area of the interior provides many remarkable ways of using space efficiently. For example, the salon cabinets with their unusual radius open upwards in a practical fashion.

INTERIOR DESIGN **SALON/GALLEY**



Lots of **clever stowage** throughout the boat.



Foldable salon table with integrated bar compartment.

41



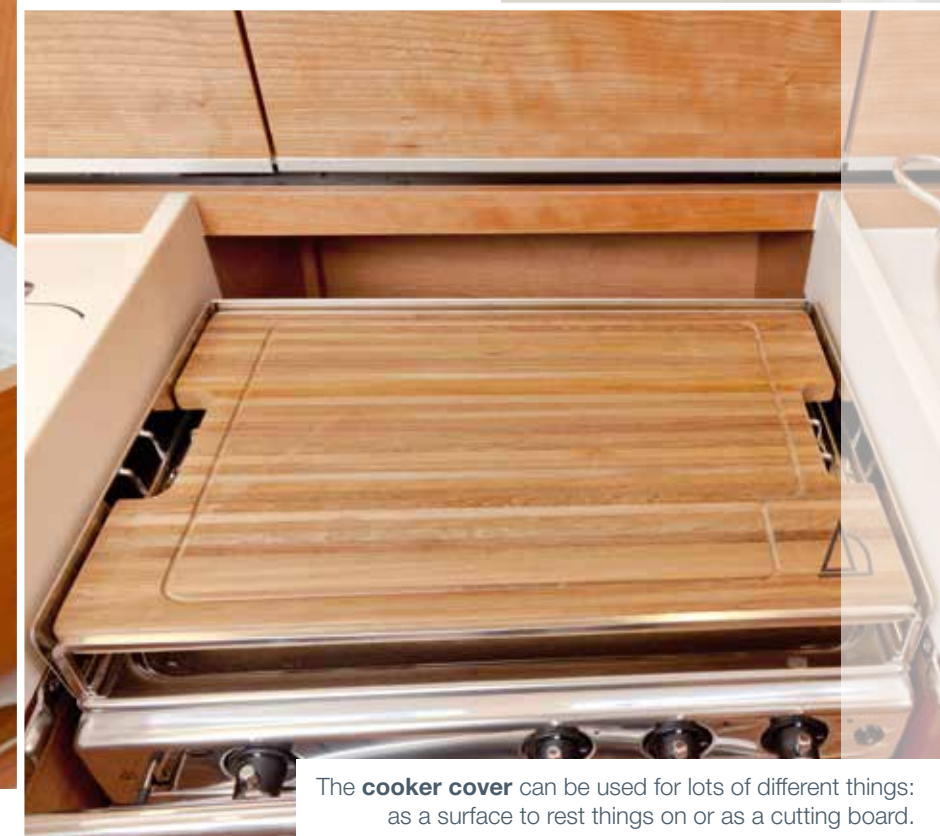
Spacious galley with integrated 130l fridge accessible from above and below.



Smart solutions in the galley and attention to details.



Everything **organized** in the right place.



The **cooker cover** can be used for lots of different things: as a surface to rest things on or as a cutting board.

42



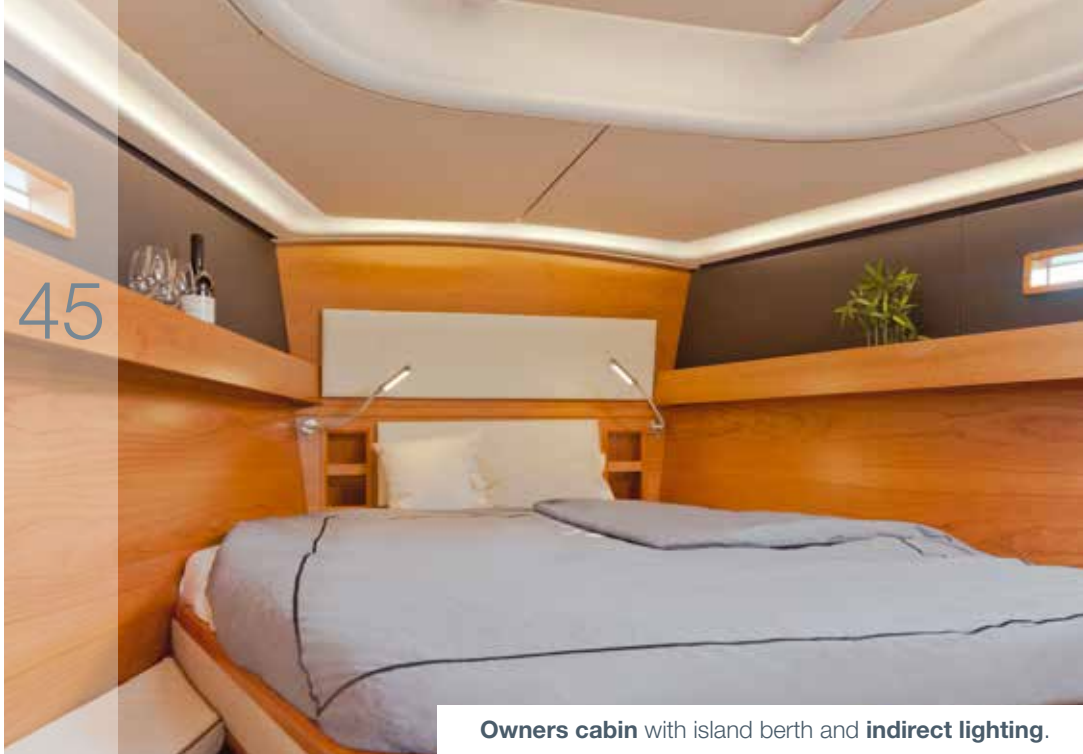
Dehler Uni Door System. When the toilet and shower room is closed, the door makes the **way free through from the wash area to the living area**. The flooring runs through continuously. A uniform design blends both rooms harmoniously together.

Darauf sind wir stolz: das neue Dehler Uni-Door-System, das Ihnen stets die Wahl zwischen zwei Raum-Layouts lässt. Der Clou dabei ist eine Tür für zwei Rahmen. Schwingt die Tür zur einen Seite, entsteht ein geräumiges Badezimmer, das vom Salon getrennt ist. Schwingt sie zur anderen, verschließt sie stattdessen den Raum mit Dusche und WC. Gleichzeitig gibt sie den Durchgang vom Waschbereich zum Salon frei, was ein besonders großzügiges Raumgefühl schafft.

We are proud of our new Dehler Uni-Door-System which always gives you a choice between two room layouts. Its key feature is having one door for two frames. The door swings open one way onto a roomy bathroom that is separate from the lounge. When the door swings the other way, it closes the shower and toilet room instead. The hallway from the wash area to the saloon is free at the same time, making the room feel very spacious.

INTERIOR DESIGN HEAD





Owners cabin with island berth and indirect lighting.

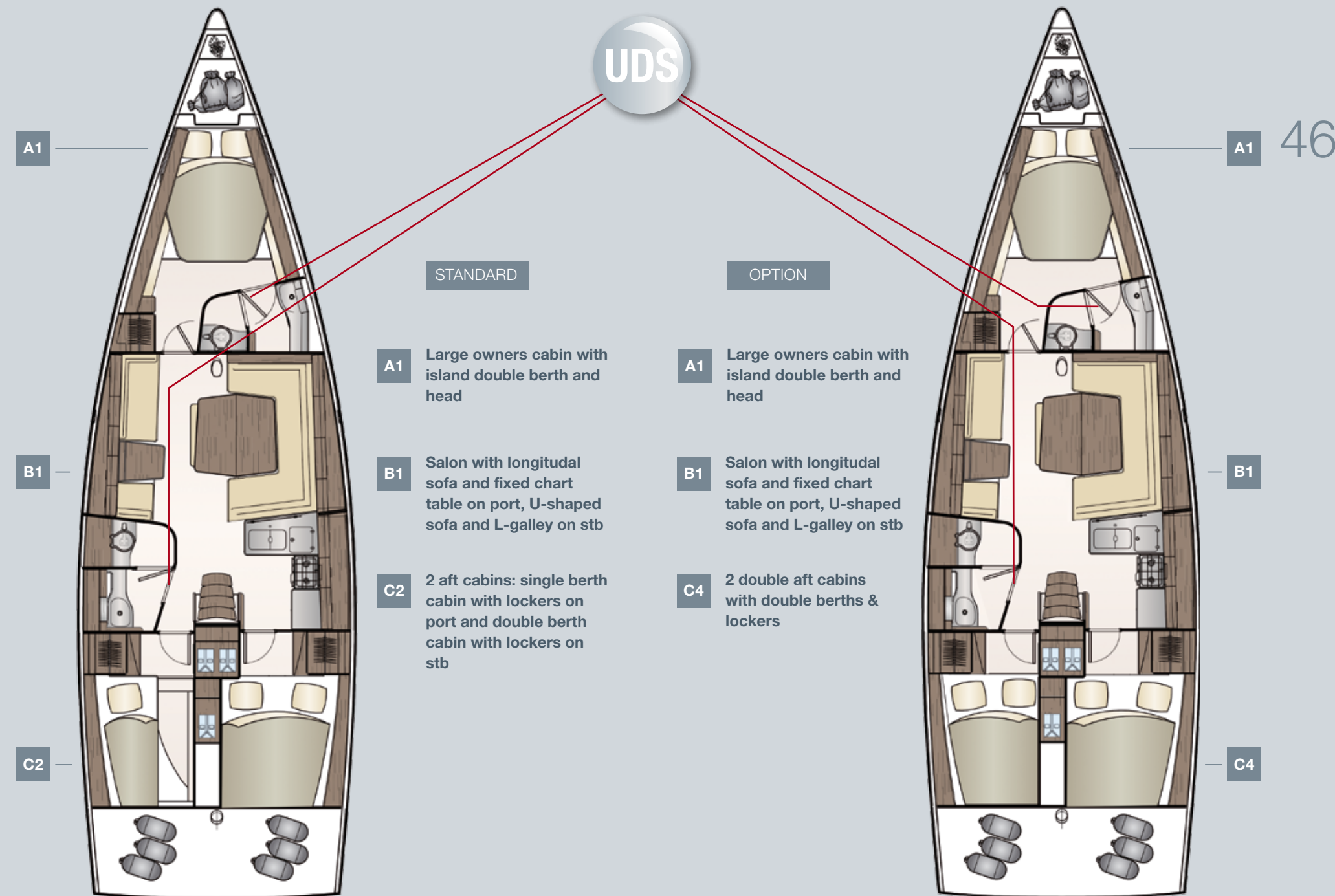


Head en-suite in owners cabin and large lockers.

In der Standard-Version verfügt die Dehler 46 über eine Vorschiffskabine mit eigener Nasszelle, einer geräumigen Achterkabine steuerbord und einem grossen, begehbaren Stauraum backbord mit einer Einzelkoje, in der zum Beispiel Fahrräder untergebracht werden können. An dessen Stelle können Sie aber auch eine zweite Achterkabine wählen.

The standard Dehler 46 has a owners cabin with head, a spacious aft cabin starboard and a large accessible stowage on portside which also includes a bunk berth, which can store bicycles and such. However, you can also choose to have a second aft cabin in this location.

INTERIOR DESIGN CABIN LAYOUTS



47



Comfortable owners cabin with large **island double berth** and lots of natural light.



Large wardrobe and dedicated space for all necessities.

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Aft cabin on portside.



Lots of natural light and air coming through various **openable portlights** into the aft cabins.



Selbstverständlich bieten wir Ihnen auch Gestaltungs-Varianten für die Fußböden, das Holz der Möbel, die Arbeitsplatte in der Pantry und für die Polster. Gestalten Sie die Dehler 46 nach Ihrem Geschmack.

It goes without saying that we also offer you a variety of designs for the floorings, furniture wood, worktop in the galley and for the upholstery. Design the Dehler 46 to your own preferences.

INTERIOR DESIGN MATERIALS & COLOURS

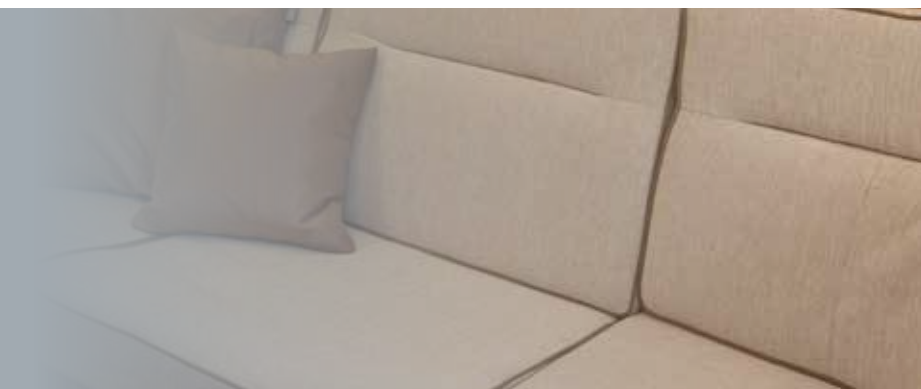
INTERIOR | UPHOLSTERY BALTIC

MIX AN MATCH :

All upholstery can be matched with the following piping colours: gold, silver, red, blue and black.

STANDARD

cream / gold piping



OPTIONS

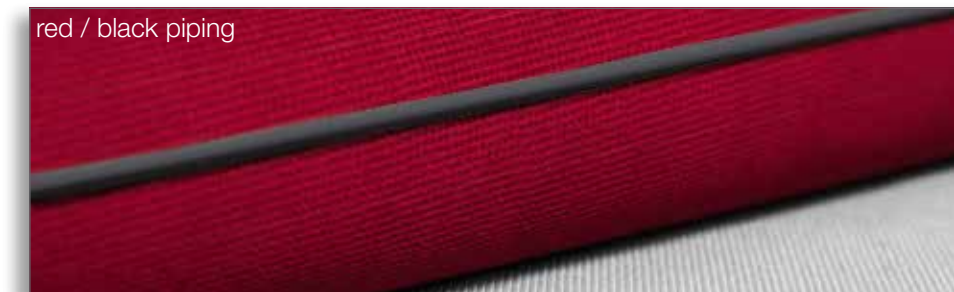
blue / silver piping



dark grey / red piping



red / black piping



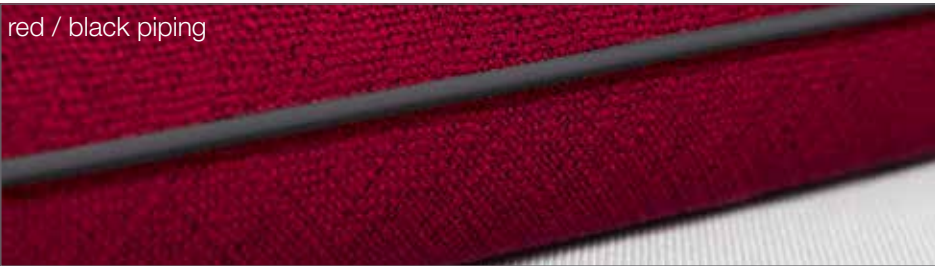
chocolate / blue piping



INTERIOR | UPHOLSTERY ATLANTIC

MIX AN MATCH :
All upholstery can be matched with the following piping colours: gold, silver, red, blue and black.

OPTIONS



INTERIOR | UPHOLSTERY PACIFIC

MIX AN MATCH :
All upholstery can be matched with the following piping colours: gold, silver, red, blue and black.

OPTIONS



INTERIOR | UPHOLSTERY ADRIATIC (LEATHER)

MIX AN MATCH :
All upholstery can be matched with the following piping colours: gold, silver, red, blue and black.

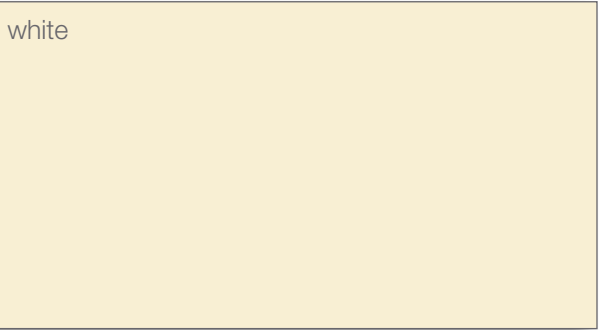
OPTIONS



INTERIOR | SURFACES

Worktop Galley

STANDARD



OPTION



Furniture Wood

STANDARD



OPTIONS



Floorboards

STANDARD



OPTIONS



Das Innenleben der Dehler 46 ist durchdacht und perfektioniert bis ins letzte Detail. Konstruiert mit der führenden 3D-Software Catia, die auch im Flugzeugbau zum Einsatz kommt, wird es realisiert mit hochwertigen Materialien und erstklassiger Technik, von perfekt ausgebildeten und geschulten Bootsbauern. Und vor allem: von leidenschaftlichen Seglern, die wissen, was an Bord gebraucht wird, und wo es hingehört.

The interior of the Dehler 46 is well thoughtout and perfected down to the last detail. Designed with the leading 3D software Catia, which is also used for aircraft construction, it is realised using high-quality materials and first-class technology by the best trained boat builders. And above all: by passionate sailors who know what is needed onboard and where it belongs.

TECHNIQUE DEEPER INSIDE

3D CONSTRUCTION

THREE-DIMENSIONAL THINKING CREATES SPACE

VACUUM INFUSED HULL

VIS

Extremely strong and stiff. Due to vacuum vinyl-ester infusion technology, the all new Dehler 46 comes with an even stiffer hull than her predecessors. A stiff hull is the key to performance! Furthermore osmosis is a thing of the past.

DEHLER-UNI-DOOR-SYSTEM

UDS

Another smart solution by Dehler. The Dehler-Uni-Door-System allows the use of two cabins at the same time. The door is hinged in a position that will either separate the head from the bathroom or close to the adjacent cabin to extend the space of the bath. Smart perfection!

HULL WINDOWS

- Flush mounted reducing drag when sailing
- More natural light inside the boat

DOUBLE WHEEL STEERING

- Optimum view and control despite a wide transom
- Helmsman operates from windward rail
- Direct feedback on heeling pressure
- Comfortable and more efficient helming of the boat
- Increased cockpit space
- Perfect view on instruments

CARBON RIG

- Reduced weight in comparison with common aluminum
 - Increased righting moment
 - Reduced keel weight
 - Reduction of overall weight

BOW SPRIT

- Increases sailing performance with asymmetrical headsails
- Allows for increased gennaker surfaces thus hence increasing downwind performance
- Easier gybing due to increased space between sail and forestay
- Allows for headsails such as code zeros

UNDER DECK FURLER

- Clew can be attached directly above deck as with common non furling head stays
 - Reduced gap between deck and sail
 - No loss of pressure
 - Maximum use of sail area
- Easy handling with small crew
 - Fast reduction of sail area

BOW THRUSTER

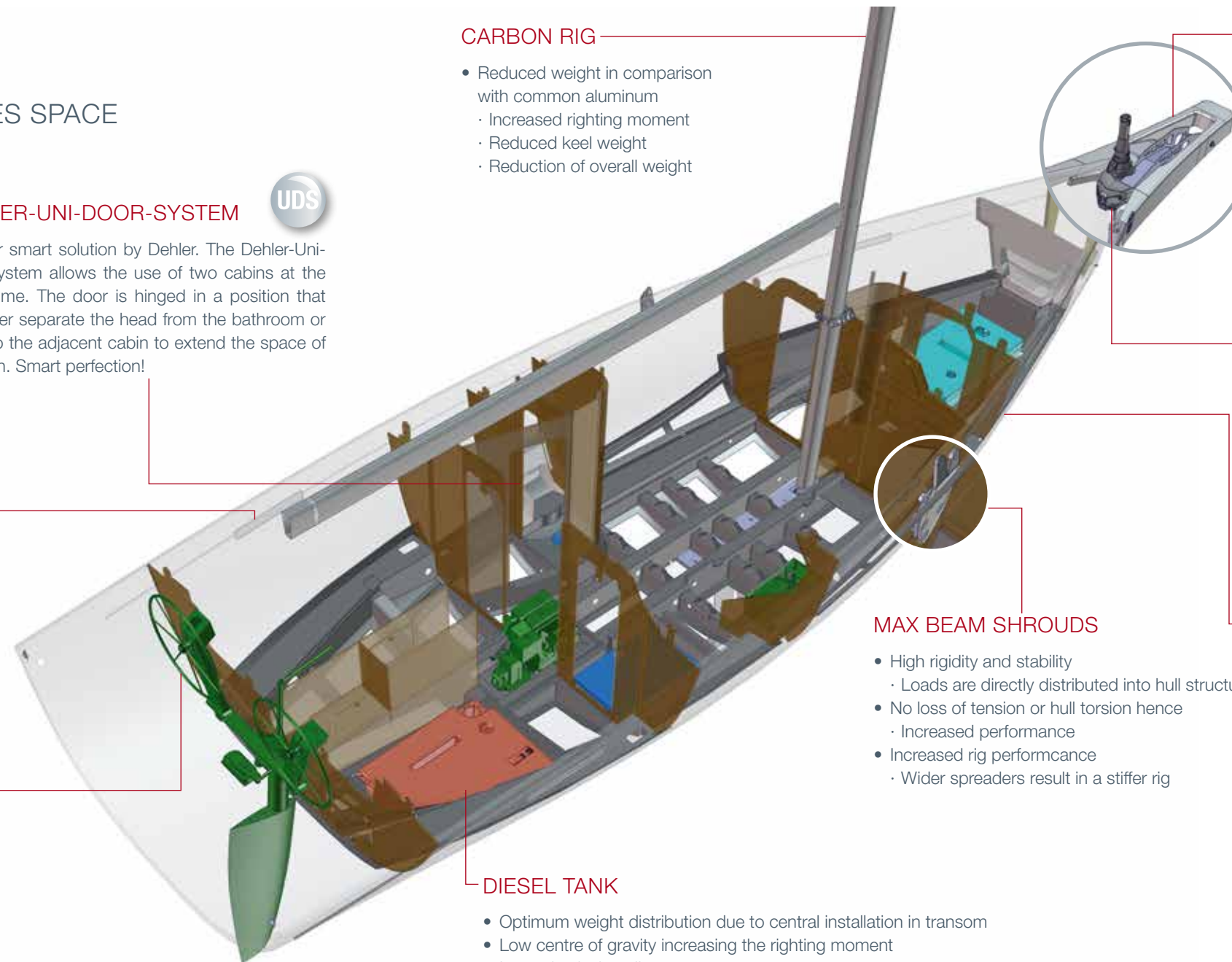
- Better maneuverability in narrow harbours
- No loss in speed due to retractability of thruster into the hull
 - Hull becomes a sealed surface when retracted

MAX BEAM SHROUDS

- High rigidity and stability
 - Loads are directly distributed into hull structure
- No loss of tension or hull torsion hence
 - Increased performance
- Increased rig performance
 - Wider spreaders result in a stiffer rig

DIESEL TANK

- Optimum weight distribution due to central installation in transom
- Low centre of gravity increasing the righting moment
- Internal splash wall
 - Prevents fuel flow being cut of to engine during high heeling angles thus increasing security



TECH INSIGHTS



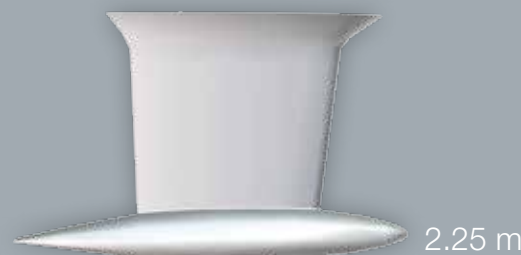
1.85 m



2.45 m

L-KEEL SHALLOW & WEST COAST

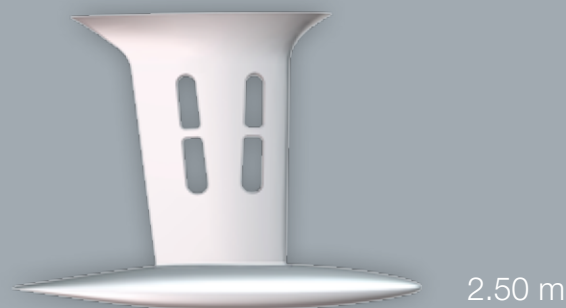
- Low center of gravity despite a short keel
 - Weight distribution in fin and bulb
- Less vulnerable to seagrass and moorings
- Increased choice of harbours with shallow water depth



2.25 m

T-SPEED-KEEL

- Max ballast concentrated at the bulb
 - Maximum depth of weight
- Less drag results in increased speed
 - Narrow fin
 - Bulb shape for optimum hydrodynamics
- High righting moment due to concentrated ballast at lowest possible point
 - High stability with reduced ballast
- Perfect ballast distribution for optimum trim in water
- Increased lift while sailing upwinds
- Longer and narrower rudder matching keel shape
 - More direct steering
 - Later cavitation



2.50 m

COMPETITION-KEEL

Deep fin keels with T bulbs offer a big advantage: most of the weight can be concentrated as far below the waterline as possible. At the same time the overall keel weight can be reduced that increases performance even further. The Dehler 46 Competition Keel comes with a draught of 2.50m.

HOLLOW AREAS IN KEEL FIN

- Weight reduction without loss of stability
- Spared weight can be put into bulb without increasing overall keel weight
 - Better righting moment hence better upwind performance



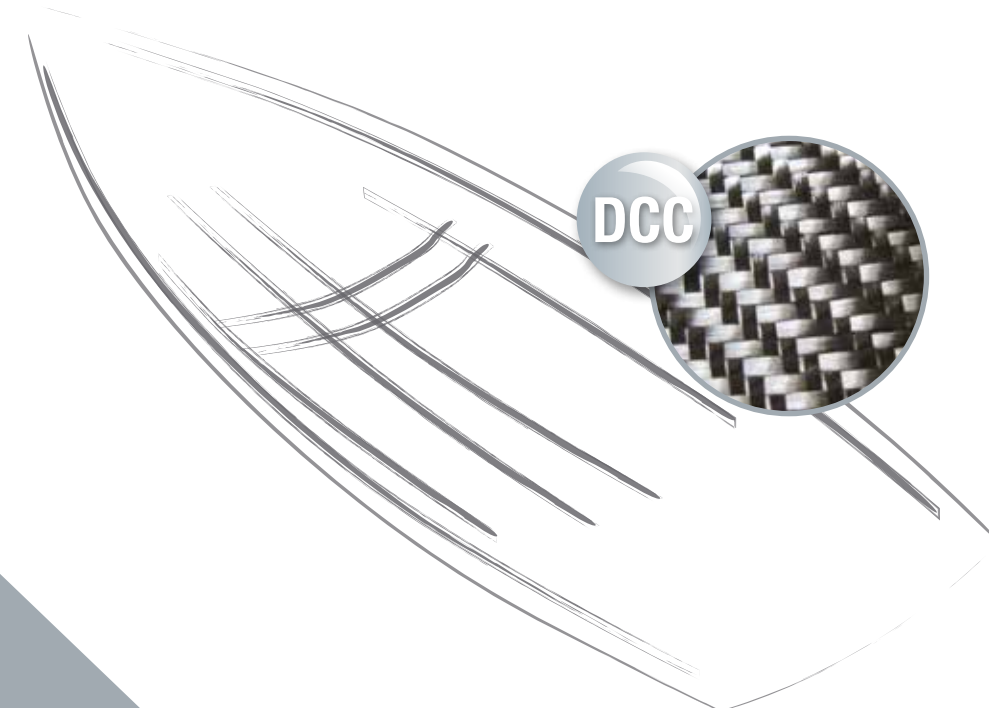
DEHLER CARBON CAGE

- Weight and stability optimised from bow to stern
- Extremely high stability with reduced torsion at a reduced weight compared with common steel construction
 - Allows for higher loads
- No loss in tension resulting in increased lift and speed
 - Optimum load distribution between mast, hull and keel
 - Less torsion of hull under high rig loads
 - Less torsion of hull in high seas
- Easier steering results in increased performance
- Better distribution of keel loads
- Homogenous material mix: Carbon and GRP hold similar thermal expansion coefficients

TECH HIGHLIGHTS

DEHLER CARBON CAGE

Rigidity is the secret in strong and well performing hulls when it comes to keel structures. The Dehler 46 is equipped with a homogeneously built carbon cage that directly transmits all loads from keel to rig and back. The less torsion and power is lost makes a boat go faster resulting in a better reaction on your helm command! This is carbon well used because we even could save some on the boats overall weight compared to common materials.



Dehler 
46

OPTIONS

AS YOU LIKE IT

Mit den folgenden Ausstattungsoptionen können Sie genau definieren, wie komfortabel bzw. wie sportlich Ihre Dehler 46 sein soll. Um Ihnen die Wahl ein bisschen leichter zu machen, bieten wir Ihnen einige besonders sinnvoll kombinierte Extras in Paketen an.

The following options allow you to define precisely how comfortable or sporty your Dehler 46 should be. To make your choice a little easier, we offer some extras, conveniently combined into packages.



PACKAGES

COMPETITION – SETTING THE PACE



PACKAGES

NAVIGATION – SETTING THE COURSE



3 years B&G
world wide on board guarantee



PACKAGES

CRUISING – FOR ENJOYABLE TIMES



PACKAGES

ENTERTAINMENT – THE SOUND OF THE SEA





Cockpit upholstery.



Anchor Ultra 21, stainless steel, incl. Ultra Flip swivel, 100m stainless chain, 10mm.



Halyard bags.



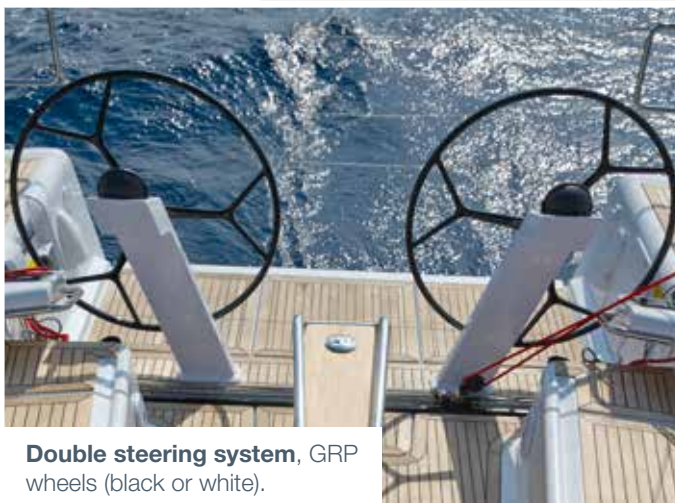
Make use of your deck space **sunbed upholstery** on coachroof.



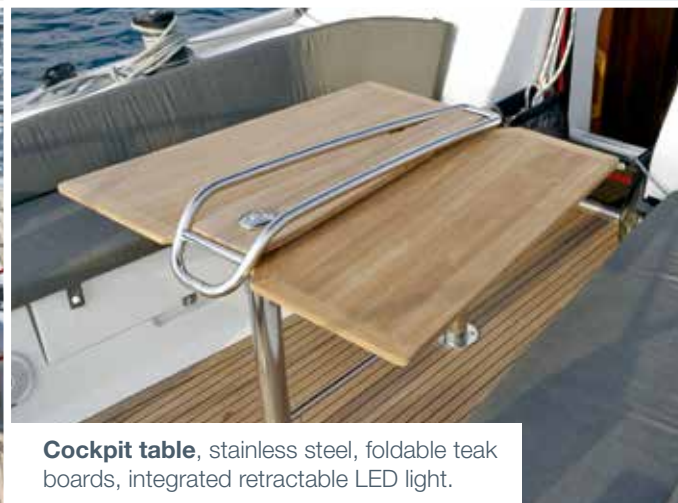
Teak on side decks.



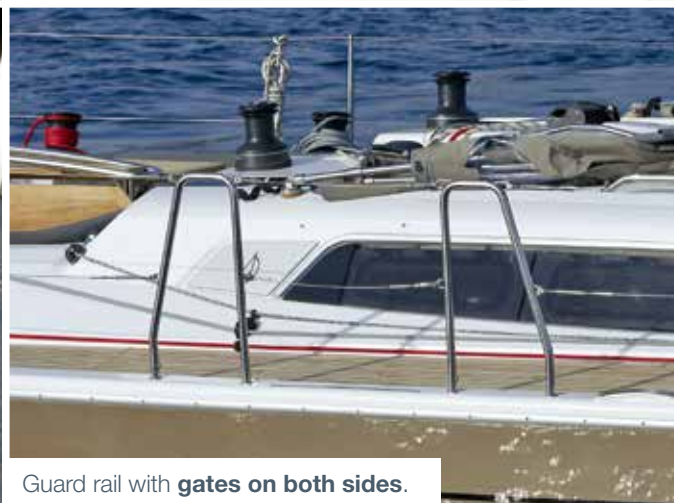
Side deck anti slip in White Grey RAL 7047.



Double steering system, GRP wheels (black or white).



Cockpit table, stainless steel, foldable teak boards, integrated retractable LED light.



Guard rail with **gates on both sides**.



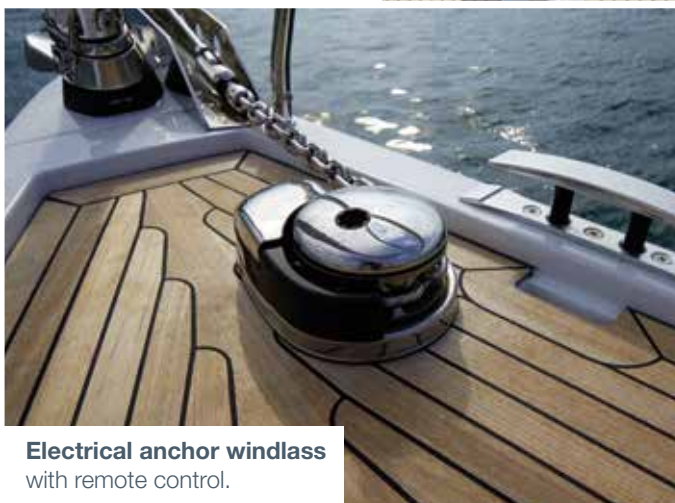
Dehler Maindrop system.



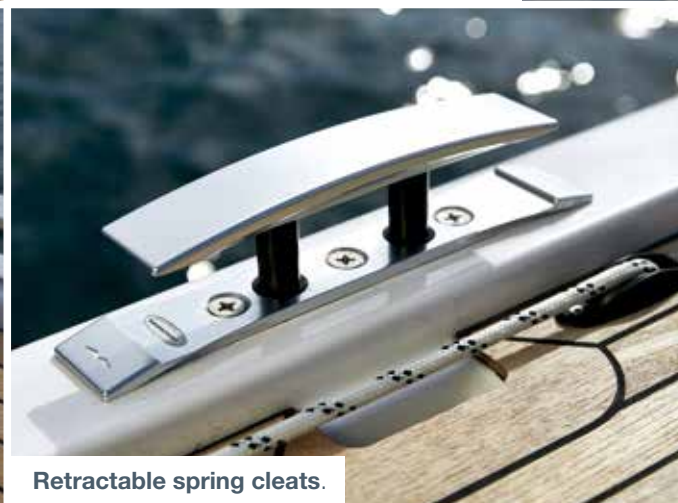
Microwave in the galley.



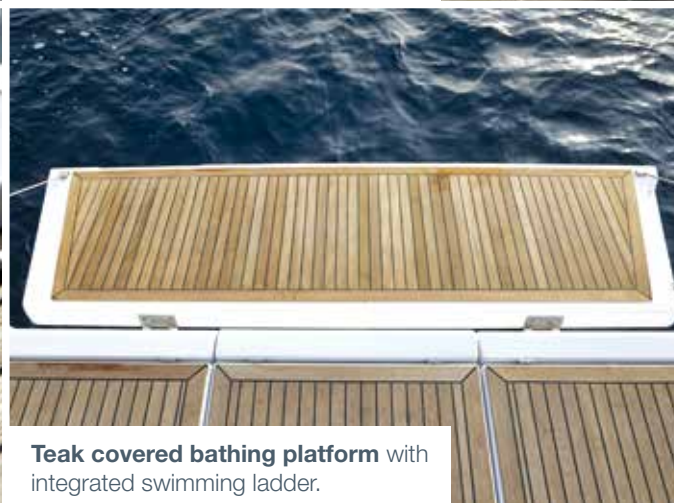
Retractable bowthruster.



Electrical anchor windlass with remote control.



Retractable spring cleats.



Teak covered bathing platform with integrated swimming ladder.



2 halyard winches LEWMAR 50 Race, stb winch electrical.



B&G Zeus² 9 **GPS chart plotter**, at instrument consoles.



Carbon mast, spreaders & boom, rod rigging, backstay tensioner.

