PLAY HARDER!

Dehler 30 one design
BORN TO COMPETE. BUILT FOR COMFORT.

The Dehler 30 one design is a high-performance yacht. Our dedicated team of specialists has created a boat that combines the very best in design between speed and handling through the use of the latest technology. World-renowned yacht designers from judel/vrolijk & co., and sailing icons from Speedsailing Rostock supported the Dehler development team. Under the project management of successful racer Karl Dehler, the team has brought to life an innovative and unique vision. Righting arm or anchor, sailor always - new limits can be reached safely and in full control. So, work less – sail more!

A MASTER OF BOTH WORLDS

Good for both comfort and adventure – that’s the Dehler 30 one design. Switch from regatta mode to cruising mode in just a few simple steps. Whether it’s the Baltic 500, the Silverrudder or a short cruise with friends. From the very first glance, it becomes clear that the Dehler 30 one design sets a new, uncompromising course. It is designed for maximum performance with the simplest handling - and yet unmistakably a Dehler. A well thought-out package that leaves nothing to be desired and raises the bar in this class of boat. Thanks to its high-quality composite build, the boat has great structural strength, but displaces just 2.8 tonnes. It will prove itself in offshore and coastal regattas. In particular, there is nothing to stop the boat competing in races open only to category A yachts. The easy-to-trim monolithic carbon rig and its aluminium boom extend to the maximum length allowed. And with its deck-stepped mast, there is no possibility of water leaking below.
**TWIN RUDDER AND LEAD KEEL**

The Dehler 30 one design is also engineered for top performance below the waterline. The uncompromising lateral plan includes a 2.2 m deep T-keel with lead bulb and twin rudders. The composite keel consists of two segments: the upper part is formed of an extruded GRP fin. Bolted beneath that is a streamlined lead bulb which puts 900 kg at the deepest point of the keel for maximum efficiency. And the result? Our lightest ever fin, whose connecting webs allow flexion for great strength and correspondingly low weight. The lead bulb guarantees a high righting moment and tremendous speed potential. Double is better: twin rudders are much more stable. Even at high speed, and especially when the boat surfs, there is always a rudder in the water to ensure full control. And when the lee rudder is fully immersed, you reduce the wetted area to a minimum.

**DEHLER STEALTH DRIVE**

A drive concept that only comes into play when needed. For this purpose, we pair a small diesel engine with a retractable shaft, which is controlled by a lever in the cockpit. When folded, the shaft and prop tuck up inside the hull, hermetically sealed behind a cover. No water resistance and no chance that nets, seaweed or other foreign objects could tangle the prop and slow you down. Since no stern gear is hauled through the water when sailing, we can even spec a fixed propeller with higher efficiency than a folding prop. A fixed prop on a raceboat of this calibre? It seems impossible, but we’ve found a way to do it. The Dehler Stealth Drive – a true Dehler innovation with great impact.

**HULL. READY TO RACE.**

The long, straight hull with pronounced chines aft is vacuum infused in E-glass, serving to increase the dimensional stability and visibility on the water. The sheer stern has the benefit of reinforcing the water area of the stern post and keeping the hull stable at speed. And in top of all, the accommodation zone generously opens up the breezy, white-sailed cockpit while sailing despite the weather. And it allows the box to cut through cross-seas with minimal resistance. The hull is fitted with the latest version of the Dehler Carbon Cage, which evenly distributes hull loading across its high-strength structure. The Dehler 30 one design is also equipped with bowsprit and bobstay. The bobstay prevents the bowsprit from bending under loads when flying the Genaker or Code Zero, so all the power is converted to speed. For leisure cruising, the bowsprit can be easily removed and later replaced.

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LIFERAFT STORAGE

Nobody wants to use it but everyone wants to know it will work flawlessly if deployed. All crewmembers must be able to release and activate the liferaft in all conditions and without help. When it comes to safety, we leave nothing to chance. With a dedicated storage space at the stern, the liferaft couldn’t be easier to access. Just a few simple steps and it is ready to use.

THE SECURITY CENTRE

The instrument rack at the stern is the focus for all safety on board. It is carrying the safety and communication gear in an emergency, seconds count. That’s why at Dehler we rigorously combine technical innovations with maximum safety. Both lifebuoy and Epirb can be reached and activated with simple movements. Positioning aft above the transom ensures the best view and maximum coverage of the sky for SatNav / satellite communication.

WATER BALLAST

The simple 200 litre ballast tanks provide additional stability and moment for small crews. On-off or with crew, the best possible trim is always guaranteed.

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CARBON MAST IN AFT POSITION

Because of the wide rigging base the mast compression is low. The spreaders are positioned very low, to keep the VCG as far down as possible. The mast panel above the spreaders is supported by intermediates which are also counteracting the staysail load. The double backstays will be used only to bend the mast. They are not required to keep the mast up! The square top mainsail enables a great sail area. All together it is an absolutely state of the art rig.

DECK. PERFEKT FOR SHORT-HANDED CREWS.

Good technology shouldn’t be hidden. The helm system of the Dehler 30 one design is all above the deck. Everything is safe and easily accessible — this is how to keep repairs and maintenance simple. Only two people on board are able to stay in control at all times.
PACKED WITH INNOVATIONS. NOT WITH WEIGHT.

A high-tech sports boat on which the whole family feels at home? As the first offshore racing boat of its size, the Dehler 30 one design is up to the challenge. With standing room of 1.82 m below deck, plenty of stowage space, a toilet, galley and sufficient fresh water tankage for a weekend trip, it offers the essential features of a cruising yacht. So, welcome home!

100 KG OF FEEL-GOOD-FACTOR

The interior was designed with light, detachable elements to make the Dehler 30 one design ready for racing at any time. Take the cushions of the bow berths, for example, or the hull lining made of mesh fabric. Such comforts below deck add less than 100 kg of weight and yet go far beyond the usual functional architecture of a racer. The whole interior is stylishly coloured, while the finish underlines the sporty character and offers a high-quality look.
In keeping the yacht’s sporty character, we rely on a well-proven material from the sporting world to create a sense of coziness. Fashionable mesh fabric is particularly durable, stretchy and therefore ideally suited for padding the inner hull.

There is a double berth for the crew in the forepeak and twin berths aft. In addition, the two benches in the saloon can be used as berths.

The GRP-glass sandwich bulkheads create a bright, generous volume. They offer maximum strength with low weight. Rig loading from the deck-stepped mast is optimally transferred to the keel section.
VERSATILE GALLEY
True comfort only comes from a well-equipped galley. It includes an Eno gas stove, sink with flexible tap and foot pump, a recess for standard-sized coolers and a 12V socket. There is plenty of storage space in the galley: textile zippered bags are ample for food and kitchen utensils.

FORECASTLE FOR DUAL USE
The boat’s great versatility once again shows itself in the forepeak. When the berths are folded up, there is direct access to the inspection hatch in the collision bulkhead, and lots of extra storage space for sails. When cruising, the berth offers accommodation for two, with its 2.02 m length and 1.80 m width tapering to 0.65 m at the foot.

SEPARABLE HEADS
So that friends remain friends, there is a simple toilet solution from the aircraft industry. A lightweight fabric screen folds out as needed to separate the heads from the saloon and create some privacy. Preserve your dignity even with a larger crew on long passages. The manual toilet is equipped with a blackwater tank and deck pump-out. Simple and clean.
**TECHNICAL SPECIFICATIONS**

**HULL**
- LOA: 10.30 m / 33'10"
- Hull length: 9.14 m / 30'0"
- LWL: 8.07 m / 26'6"
- Beam: 3.28 m / 10'8"

**DRAUGHT**
- Airdraft: 14.30 m / 46'11"
- Draught T-keel: 2.20 m / 7'3"

**DISPLACEMENT (MEC)**
- T-keel: 2.8 t / 6,173 lbs

**BALLAST**
- T-keel: 940 kg / 2,072 lbs
- Waterballast: 200 kg / 441 lbs

**ENGINE (APPROX.)**
- Diesel: 9.9 PS / hp

**TANKS (APPROX.)**
- Fresh Water: 40 l / 10.57 gal
- Fuel Tank: 25 l / 6.60 gal

**RIG**
- IG: 12.14 m / 39'10"
- J: 4.1 m / 13'5"
- P: 11.90 m / 39'0"
- E: 4.0 m / 13'1"

**MAINSAIL**
- 34.50 m² / 371 sq ft
- JIB: 20.50 m² / 220 sq ft

**CODE ZERO**
- 45.00 m² / 484 sq ft

**GENNAKER A2**
- 95.00 m² / 1,023 sq ft

**GENNAKER A5**
- 75.00 m² / 807 sq ft

**STAYSAIL**
- 13.50 m² / 145 sq ft

**DESIGN**
- judel/vrolijk & co.

**INTERIOR DESIGN**
- judel/vrolijk & co - Dehler

**TERMINATION**
- судоверфь & co.

**INTERIOR DESIGN**
- судоверфь & co - Dehler

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- судоверфь & co - Dehler
LETS PLAY!

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REGATTA SCHEDULE 2020
24.05. – 27.05.  seapilot2star
30.05. – 04.06.  Nordseewoche, Rund Skagen
20.06. – 28.06.  Kieler Woche
28.06. – 30.06.  AF Gotland Rund
04.07. – 08.07.  Warnemünder Woche
23.07. – 26.07.  Travemünder Woche
12.08. – 16.08.  Sydbank Cup
18.09. – 19.09.  Silvrrudder

Regatta dates for the mediterranean region or other areas
will be announced soon at www.dehler.com