



**CYCLOPS
MARINE**

Load Sensing

#measuresuccess

Load sensing for yachts and dinghies

Founded In 2018, Cyclops Marine brings together wireless load sensing and sailing expertise

Cyclops' flagship "smart" range of wireless load sensors have been helping sailors win regattas all over the world, smartlink® and smarttune® have been making a widespread impact.

Easy to install, accurate and intuitive to use via either your phone or boat electronics, the Cyclops range now give sailors the chance to hit and repeat fast numbers on the dock, live on the race course and drive constant improvement with for post race analysis. Load awareness also give huge safety benefits—real-time loads providing a cue to take action when close to overload, helping avoid rig-failure and get the most out of equipment.

Using Cyclops innovation ethos, new life has been breathed in load pins, the creation of the first digital direct range launch in 2021. Aimed to achieve maximum accuracy and reduce the need for re-calibration, this is giving sailors more options and consistency. Cyclops also offered a complete custom solution service too.

Don't get left behind

Static dock load



Accurate static loads to hit dock based settings

Dynamic load



Live in-race load data enabling you to hit your fast settings every time

Analytics



Post race analytics, ideal for coaching or self improvement

What our customers sail



Kite surfing



Olympic & Dinghy classes



Sports boats



Racing yachts



Cruisers & Classics



Grand prix & Super yachts

How it works



smarttune®



smartlink®



Smartfitting App



Cyclops Gateway

Cyclops N2K lead



Boat's display

Safety and cruising

Sail fast sail safe – cruiser warning system

Knowing your rig loads not only help you on the racecourse but also allows you to look after your safety.

In partnership with B&G, the new load dial links to Cyclops devices, giving an immediate warning of potential overload. The dial is also a re-assurance for nervous passengers when the needle is in the safe zone. Attractive discounts on insurance premiums via Soak Insure are available for yachts with this system.



Safe sailing



Time to act





smarttune®

Swap your existing 'dumb' Turnscrew into your best tuning and safety tool with Cyclops's smarttune®. Accurate load sensing and Bluetooth technology is housed in a low windage cover. Essential for forestays, the real time loads are an ideal indicator of both headsail shape and also the impact of backstay and mainsheet on the mainsail. Further gains can be made utilizing on the side stays for refined rig balance and achieving repeatable fast settings.

With standard imperial thread sizes, the devices are simple to specify and quick to install. With the addition of a Cyclops gateway, the loads can be viewed on your boat electronics as well as your phone within minutes

The key features are:

- Wireless
- Multiple Sizes
- Universal Thread diameters
- Waterproof
- Factory Calibrated
- Long Battery Life (4-6 months)
- Compatible with Major electronic brands
- Cyclops iOS and Android App
- Lightweight & Low windage

THREAD SIZE	1/4"	5/16"	7/16"	1/2"	5/8"	3/4"
Calibrated Load	750kg	1000kg	1900kg	2500kg	3800kg	5000kg
Breaking Load	1550kg	2450kg	4750kg	6200kg	9500kg	12,500kg
Weight	180g	180g	390g	390g	620g	1500g
Dimensions	55x112x18mm	55x112x18mm	60x170x26mm	60x195x26mm	65x230x31mm	70.5x275x40mm

*Accuracy of the device is defined as 1% of the max calibrated load

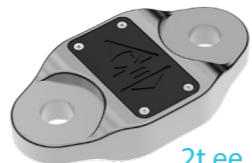


Stu Bannatyne
Four-Time Winner of the Volvo Ocean Race

"Matching forestay tension to the wind and sails is key to upwind performance"



nano



2t ee



2t



5t



10t



20t

smartlink®

smartlink® brings you the smallest, lightest and strongest range of wireless load sensors. Manufactured from Titanium or Aluminium, designed for running rigging, it delivers real time load information for any performance or safety critical line. Find and repeat the fast settings, quantify adjustments as the wind speed and angle changes. Complete with logging feature for post race analysis.

Multiple sensors can be viewed on either our App or via a gateway to your boat displays, complete with a smart power button to maximise battery life.

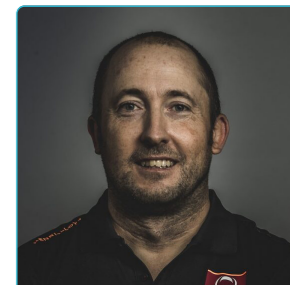
Accurately calibrated to give you repeatable settings, smartlink® is the preferred sensing device for leading America's Cup Team INEOS UK, as well as several Olympic and IMOCA teams. Available in five sizes dependent on your load requirement. From sheets to halyards, tack lines to backstay, vang to runners.

- Versatile & light weight
- Robust
- Factory calibrated
- Accurate to within 1% of max calibrated load from 600kg to 20 tonnes

NEW for 2022 – wireless charging

Coming to the smartlink® range for 2022 is wireless charging. Every smartlink® product will be fitted with a rechargeable battery offering up to 2000 hrs of battery life. Battery life can be monitored from the App.

MODEL	Nano	ee (2t)	2t	5t	10t	20t
Breaking Load	600kg	2000kg	2000kg	5000kg	10,000kg	20,000kg
Dimensions	64x55x17mm	97x52x17mm	79x55x19mm	83x66x22mm	93x74wx25mm	107x88x39mm
Strop Diameter	4mm	8mm-12mm pin diameter	9mm	10.7mm	12.4mm	15mm
Weight	72g	160g	160g	210g	360g	798g



Andrew Mclean
Team Leader Systems
Engineering INEOS Team UK

"At INEOS TEAM UK, we consider Cyclops Marine our 'go-to' experts when it comes to wireless load sensors. Forging a close relationship with our suppliers is one of our core values, especially when that company manufactures in the UK"

NEW for 2022 – wireless charging – 2000 hrs battery life

Connectivity

Cyclops Marine gateway

Enables sailors to see live loads in real time on to the boat displays. Compatible with most modern electronic brands, plugging directly into your existing displays or processor, our Gateway installs below deck, receiving signals from sensors and converts them into useful second-by-second information at sailor's fingertips.

- NKE, NMEA 0183 and NMEA 2000 devices.
- Up to 50 sensors can be connected.
- Splash and dustproof to IP54 rating.
- Mounted below deck.
- Downloadable data for post-race analysis.
- Through deck antenna for carbon hulls.
- Easy wifi set-up from your phone.



Smart fittings manager app

iOS and Android options, live, easy to read loads directly to your phone. Up to 16 sensors can be viewed at the same time, intuitive logging function for post sailing analysis. 'Load Talk' feature to hear your loads through headphones.

Sailmon max - direct

From 2022, the new Sailmon Max will be the first electronics device to deliver live Cyclops loads without the need for a gateway interface.

Essential for dinghys, sportsboats and kite foilers, this will be a must have to optimise your sailing.



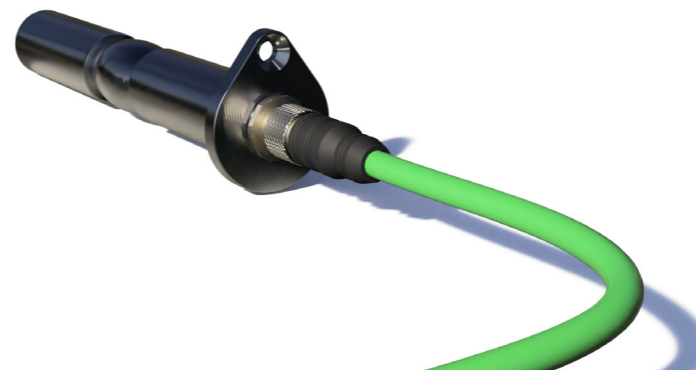
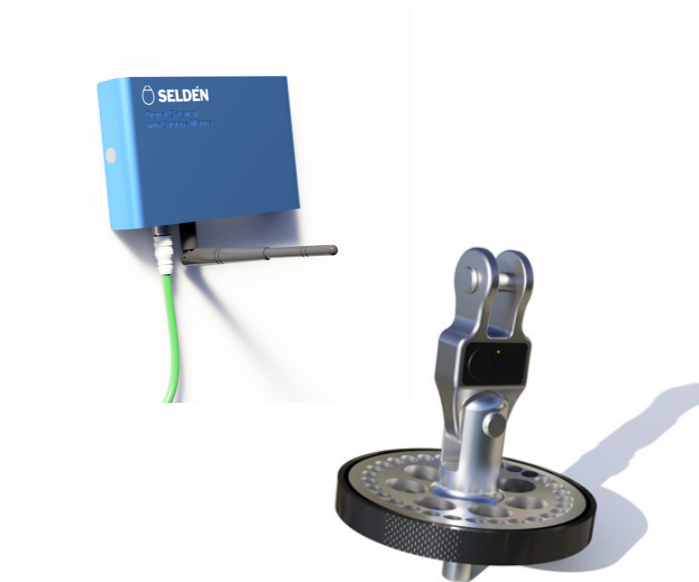
Custom fittings & digital direct load pins

Digital direct load pins

Designed to replace existing pins to measure loads applied to standing rigging. The pins are supplied factory calibrated, with 'digital direct' load output from the pin connector, with the amplifier is incorporated into the pin.

The result is the most reliable, accurate, robust pin solution available. All calibrated parts are encased within the pin which can be detached from its connecting cable making it compact and practical. These devices are hardwired.

Cyclops load pins are custom designed around customer requirements. Our technical team is available to help inform custom specification.



Custom solutions

Beyond the extensive range, Cyclops are able to offer a custom service to support all your needs. From custom load sensing to bespoke gateways.

We have world leading engineers and advisers who can help with your needs.



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