




f v i OZONEKITES

REO V4 - WAVE RIDING FREEDOM

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# REO V4

## WAVE RIDING FREEDOM

**THE REO IS AN ICONIC MODEL IN THE KITE SURF WORLD - IT'S RENOWNED FOR DELIVERING OUTSTANDING SURF PERFORMANCE DUE TO BEING SPECIFICALLY DESIGNED FOR UNCOMPROMISED WAVE RIDING. NOW IN ITS FOURTH VERSION, THE REO V4 CONTINUES TO SET THE BENCHMARK IN PERFORMANCE, FEELING AND FREEDOM ON THE WAVE.**

The Reo V4 is highly advanced in design, yet simple to use. The 4-line pulley-less bridle system is a standout favorite of riders around the world - with no pulleys you have a direct feeling from the kite, it's an extension of your body. This makes it possible to channel your concentration directly into the wave you are riding giving you the freedom for that next critical turn, slash or air...

Any day, any conditions - from on-shore slop to cross-off barreling reef breaks the Reo V4's versatile performance will have you out there ripping and having fun. Smooth progressive canopy luff means the Reo V4 maintains positive bar pressure and handling throughout the de-power range, making it very reactive at all angles of attack.

The relatively low aspect design combined with instant handling generates consistent power to maintain momentum on a wave, combined with the ability to then completely drop the kites power to carve turns or snap in the pocket makes it unique. Finely tuned profiles and panel shaping offer unmatched drifting characteristics - as you ride down the line the Reo V4 will float allowing you to line up the next section or lip.

**ANY DAY, ANY CONDITIONS - FROM ON-SHORE SLOP TO CROSS-OFF BARRELING REEF BREAKS THE REO V4'S VERSATILE PERFORMANCE WILL HAVE YOU OUT THERE RIPPING AND HAVING FUN**

Re-launch is quick and easy - by turning the bar or using the Re-launch Balls on the leader lines, the Reo V4 will roll over and take off from the water in an instant. This is especially helpful if you're stuck in the impact zone and need to get out of there fast!

Un-hooked riders will feel at home on the Reo V4, it will fly and float in unison with your riding movements. Simply trim in with the cleat before unhooking, or if you prefer to ride un-hooked often we suggest connecting the back lines to the longer knot position. To customise bar pressure and turning speed for your personal preference use the rear line adjustment tabs on the kite.

We pride ourselves with top of the line manufacturing in our own factory using the highest quality materials and construction techniques from a 10-year history making kites. The Reo V4 is constructed with quality proven Teijin D2 canopy material and Teijin Dacron - it is designed and built tough without the need of unnecessary cosmetic items that only add weight and drag which reduce performance.



- WAVE RIDING SPECIFIC
- VERSATILE PERFORMANCE IN ALL CONDITIONS
- DIRECT HANDLING, HUGE DE-POWER, INSANE DRIFT
- 4-LINE PULLEY-LESS SYSTEM



## RANGE OF USE

	0	5	10
BEGINNER	●	●	●
INTERMEDIATE	●	●	●
ADVANCED	●	●	●
FREERIDE	●	●	●
FREESTYLE	●	●	●
WAVE	●	●	●
RACE	●	●	●

## PACKAGE CONTENTS

- Kite
- Technical bag
- Contact Control System
- Short Kite Leash
- Pump
- Repair Pack
- Manual
- Stickers, Key-ring



## WIND RANGE

SIZE							BAR
4m							38cm
5m							38cm
6m							45cm
7m							45cm
8m							45cm
9m							50cm
10m							50cm
12m							50cm
KNOTS	10	15	20	25	30	35	



## COLOURS





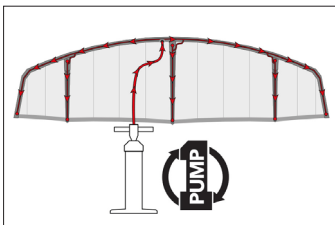
# REO V4 FEATURES

WE PRIDE OURSELVES WITH TOP OF THE LINE MANUFACTURING IN OUR OWN FACTORY USING THE HIGHEST QUALITY MATERIALS AND CONSTRUCTION TECHNIQUES FROM A 10-YEAR HISTORY MAKING KITES.



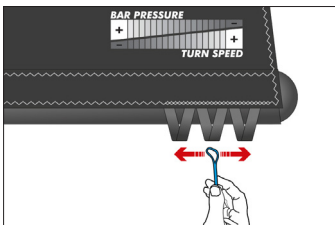
## TEIJIN TECHNOFORCE D2 & TEIJIN DACRON

Teijin is the world's leading supplier of polyester fabrics and sail materials for marine sports. We use the remarkably durable Teijin D2 canopy material in all our water kites. Teijin D2 is the benchmark in quality with proven superiority in durability and dynamics. We use the incredibly strong and reliable Teijin Dacron in all our water kites. Dacron is used on parts requiring rigidity and stability - the Leading Edge, Struts, Wingtips, and all loaded areas with extra reinforcement for enhanced load distribution and durability.



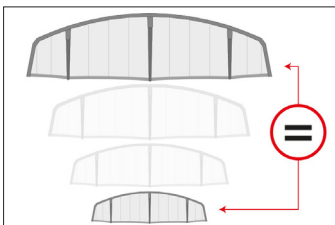
## ONE-PUMP INFLATION SYSTEM

The One Pump inflation system enables quick and easy setup with single point inflation of the kite. All Struts are connected to the Leading Edge via inflation points - air will flow through the hose to inflate the entire kite. Clips seal the hose connecting the Struts and Leading Edge to prevent unwanted airflow in case of damage.



## BACK-LINE TRIMMING OPTIONS

Customise your handling and bar pressure with the back line bridle attachments. Closer to the Leading Edge for slower turn speed and more bar pressure, or closer to the Trailing Edge for faster turn speed and less bar pressure.



## COMPARABLE FEELING THROUGHOUT THE SIZE RANGE

We work extensively during our R&D process on each and every kite to develop a range of sizes that feel in tune with each other.



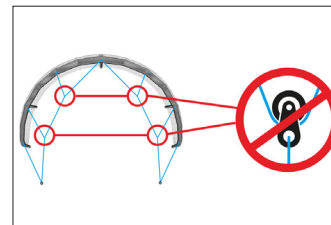
## DESIGNED WITH OZ-CAD

The FUTURE is NOW - All Ozone kites are designed and developed using our own highly advanced custom built CAD software. Our designers are able to work with parameters specifically formulated to calculate unique aspects required in technical Inflatable and Foil kites. Part of our design team is dedicated to the upgrade of the CAD code and addition of new modules and features to the program as the development of our kites continues.



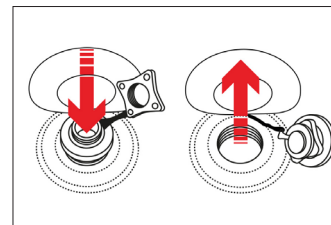
## EXCEPTIONAL OZONE FACTORY CONSTRUCTION

World-class construction in our own factory, using the highest quality materials and hand checked Quality Control at every step. The Ozone factory also manufactures our Paragliding and Speed Wing range; the same Quality Control processes are used across all products.



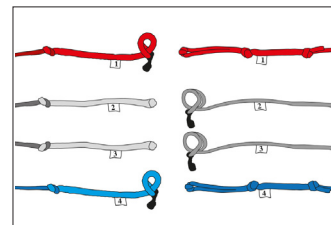
## 4-LINE PULLEY-LESS SYSTEM

NO pulleys, NO problems. We design all our inflatable kites without pulleys, to inherit the unique Ozone feeling and performance across our range.



## HIGH VOLUME INFLATE/DEFLATE VALVE

A high volume valve makes inflation and deflation quick and easy. Pumping is a breeze thanks to the high airflow rate, while the internal seal engages to stop any air coming out under pressure. Unscrew the bottom of the valve to deflate and pack your kite with ease.



## FOOL PROOF LINE CONNECTORS

Fool proof, colour coded and numbered line connectors prevent incorrect rigging of the flying lines to the kite.



# REO V4 FEATURES



## ANTI-FLAP SOFT BATTENS

Soft Battens strategically positioned along the Trailing Edge provide canopy support and reduce flutter, enhancing kite feedback to the rider and also reducing canopy material wear.



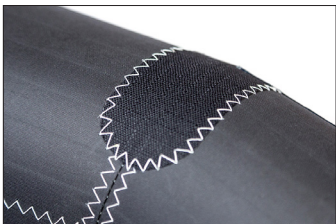
## DIRECT CONNECT STRUTS

Our Direct Connect construction method improves load distribution between the Leading Edge, Struts and Canopy. The Struts are connected directly to the Leading Edge with internal reinforcements and external webbing. This unique construction method ensures clean profiles are maintained with the optimum canopy tension.



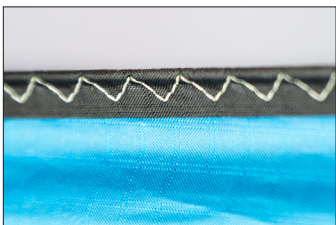
## INTERNAL REINFORCEMENTS

What's on the inside counts too - All Ozone kites are internally reinforced for improved strength and durability; such as a Double layered Dacron + Insignia taped Leading Edge closing seam with high strength threads.



## LOW PROFILE AERODYNAMIC SCUFF PADS

Leading Edge bumpers are often large and unnecessary cosmetic items. At Ozone we build our kites for performance and durability using the best materials & components available. Any areas requiring scuff protection we use a lightweight durable material with superior abrasion resistance, while keeping a low profile in order to reduce drag and maintain performance.



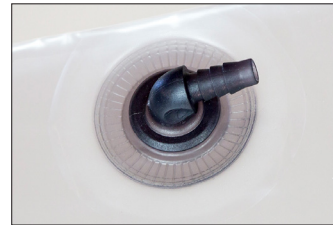
## REINFORCED TRAILING EDGE

Double layer Teijin D2 Trailing Edge strip with an internal light weight Dyneema reinforcement - this reduces canopy wear and helps to maintain optimum Trailing Edge tension as designed. The Dyneema line also reduces any potential stretch at the Trailing Edge.



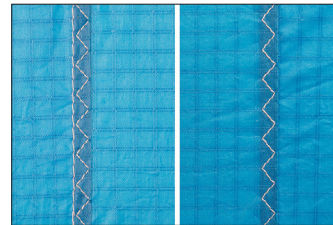
## ANTI-SAG LINE DEFLECTORS

The Anti-Sag line deflectors prevent bridles and lines from tangling around the wing tip. Safety is increased when launching with a partner and water re-launch is made easier.



## UNIQUE BLADDER CONSTRUCTION

Our bladders are constructed in-house with advanced custom built welding machines. Double layered sections are applied to any potential wear areas.



## DOUBLE STITCHED FOLDED SEAMS

Sail canopy seams are stitched, folded, and then stitched again for a clean and strong connection of the panels.



## LOAD DISTRIBUTION PANELS

Dacron reinforcements are used on all loaded areas for enhanced load distribution. This means all loads are spread evenly into the sail ensuring the kite flies and performs at its best.



## REINFORCED LEADING EDGE AND STRUTS

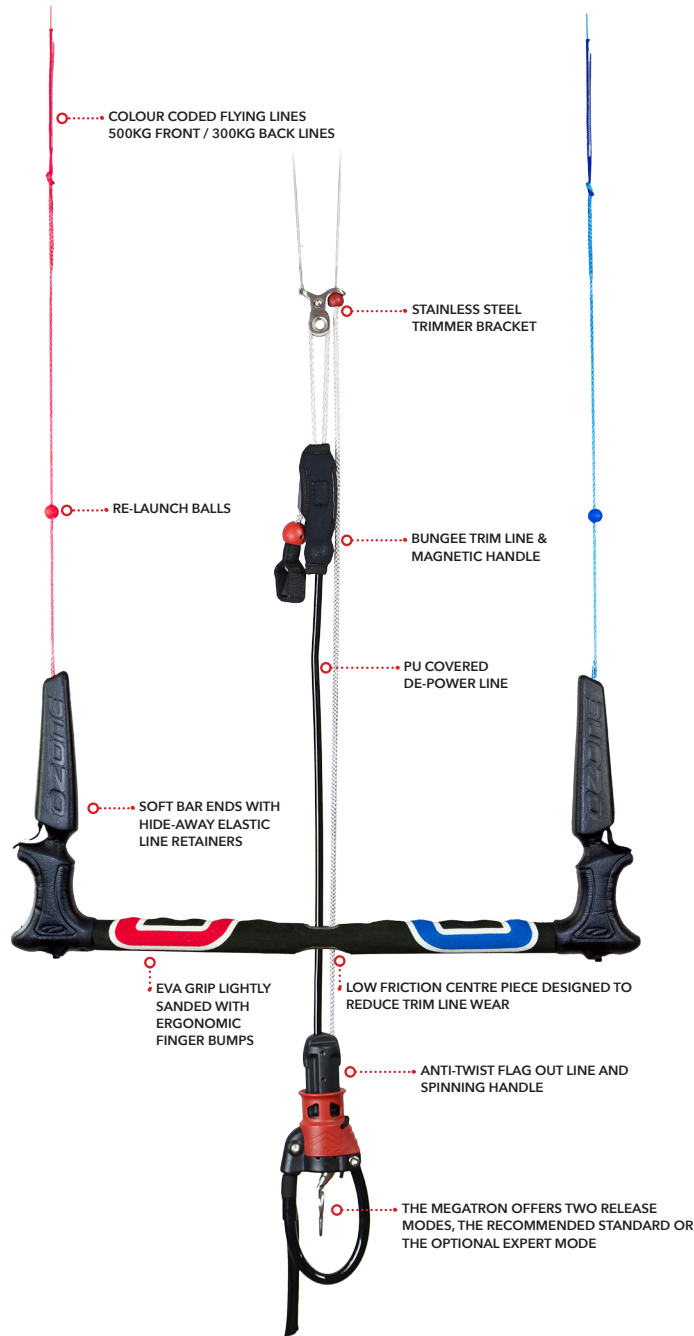
The Leading Edge and Struts are reinforced in high stress areas to ensure the kite canopy remains in shape and performs at its best.







# CONTACT WATER CONTROL SYSTEM



**THE CONTACT-WATER CONTROL SYSTEM OFFERS THE LATEST IN RELEASE FEATURES, A CLEAN CONTROL BAR DESIGN AND A SIMPLE EASY-TO-USE TRIMMING SYSTEM.**

## PUSH AWAY QUICK RELEASE

The control system features our Megatron push-away quick release with total flag out of the kite. The release handle is ergonomic with positive release forces for quick and easy release. Simple re-assembly saves time and gets you back up and riding faster.

## TWO RELEASE MODES

The Megatron offers riders a choice of two release modes, the recommended Standard or the optional Expert mode.

- Standard mode offers 100% flag out in all situations by releasing the Megatron or letting go of the bar when un-hooked.
- Expert mode offers 100% flag out only when the Megatron is released whilst hooked in, allowing riders practicing handle passes to let go of the bar without releasing the kite to flag out (not recommended).

## ANTI-TWIST FLAG OUT LINE AND SPINNING HANDLE

The flag out line running through the Megatron & kite leash attachment at the bottom keeps the leash tangle free when doing rotations and manually unwinding the centre lines using the Spinning Handle.

## AUTO POSITIONING CHICKEN LOOP

Designed in conjunction with the bar centre piece, the Megatron spinning handle auto positions the chicken loop when unhooking.

## SOFT BAR ENDS WITH HIDE-AWAY ELASTIC LINE RETAINERS

Soft bar ends for comfort and are less likely to damage lightly constructed boards. Hide-away elastic line retainers keep wound lines secured.

## LOW FRICTION CENTRE PIECE

The control bar features a low friction centre piece designed to reduce wear.

## PU COVERED DE-POWER LINE

The tough PU covered de-power line significantly reduces wear when sheeting in and out.

## CLAMCLEAT TRIMMER

Anodized low abrasion Clamcleat trimmer.

## BUNGEE TRIM LINE & MAGNETIC HANDLE

The internal bungee with magnetic handle connects to a magnetic neoprene sock covering the clam cleat to reduce tangles when the trimmer is de-powered.

## RE-LAUNCH BALLS

Fixed to the leader lines to pull when re-launching the kite.

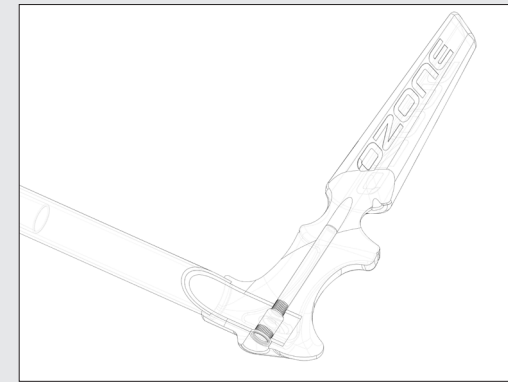
## FLYING LINES

Colour coded 500kg front / 300kg back lines.

## EVA GRIP

Lightly sanded with ergonomic finger bumps providing the ultimate bar grip.

The Contact-Water Control System bar sizes come in 38cm, 45cm, 50cm and 55cm. The larger size PU chicken loop (sold separately) is perfect for riders with longer arms or requiring even easier hooking in & out.



## STAINLESS STEEL LEADER LINE PIN

Superior strength is achieved with a Stainless pin running through the bar. This creates an ultra strong and direct connection between the control bar to flying lines.



## STAINLESS STEEL TRIMMER BRACKET

The smooth running trimmer bracket also prevents trim line wear.