

*blade*  
2010

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# FREE YOUR MIND

Across five continents, twenty seven countries, and the most popular surf spots in the world, Blade Kites are soaring above the rest.

Initially a small company, Blade has matured into an internationally recognized brand, taking the industry by storm. Magnifying the kitesurfing culture, Blade has transformed the idea of kitesurfing from “just another sport” to a total mindset revolution.

Behind the Blade name stands Yaron Barlev, an avid extremist, who travels the globe in search of adrenaline pumping activities and cutting edge techniques for improvements.

Since its arrival on the kitesurfing scene, Blade set out to design high performance, inexpensive kites that are incredibly durable – a vision now synonymous with Blade’s international reputation. Expanding its product lines to include bars, boards and kiting accessories, Blade never lost sight of their goals making innovation and quality available at affordable prices.

From team riders to kite designers, distributors to customers, the Blade team is our family – made up of individuals unified by their devotion to the extreme and their devotion to Blade.

To join the Blade family, visit us online at [www.bladekites.com](http://www.bladekites.com)

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[Info@bladekites.com](mailto:Info@bladekites.com)

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SWIVEL DOME



MAD2



REFLEX



DIRECT FEEL



SMART PROTECT

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# BLADE TEAM





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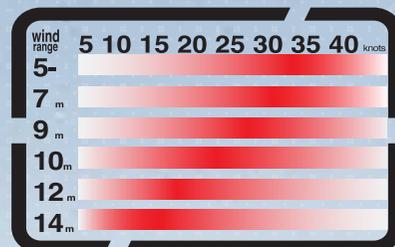
# TRIGGER

From its debut in 2009, the Trigger was recognized for its *Pump & Go* style because it provides maximum power with minimal effort and bar movement. This season's model has been designed to be with more depower capabilities and quicker turns on the larger sized kites.

All around kites will love this kite for the simplicity of one kite that does it all and does it well. While others will find themselves ending sessions early, Trigger riders will have the added benefit of maximizing windy days by riding in most conditions.

- + Direct Turns
- + Tremendous Low End Wind Characteristics
- + Incredibly Stable
- + Powerup From the Start
- + Great HangTime
- + Reflex Relaunch

SIZES - 5 7 9 10 12 14



Tested for 75Kg on 132 cm board



PHOTO ▶ SAMI BEN AMI ▶ RIDER ▶ OFRI ARGOV ▶ KITE ▶ TRIGGER ▶ BOARD ▶ SCALPER ▶

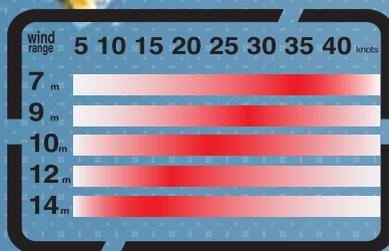


# VERTIGO

This year, the Vertigo experienced its most dramatic makeover since it was introduced in 2007. The new shape now incorporates a fatter shape, more defined tips and a lower aspect ratio. wave rides will love this year's model even more with the simplicity of four line set up. With the total revamp for the 2010 model, we know that this fan favorite, especially for wave riders, will continue to impress in the water. Here's why....

- + Fast Pivot Turns
- + Reflex Relaunch System
- + Substantially Increased Lower End Wind Range
- + Extensive Depower
- + Four-Line Kite Setup
- + Fast Flying
- + Low Bar Pressure

**SIZES - 7 9 10 12 14**



Tested for 75Kg on 132 cm board



PHOTO ▶ SAMI BEN AMI ▶ RIDER ▶ OHAD LEMPERT ▶ KITE ▶ VERTIGO ▶ BOARD ▶ SCALPER ▶



# PRIME

More forgiving than its predecessor, the Prime 2010 is a revolutionary four line freestyle kite with a great pop, powerful turns, and direct feel. Geared for extreme riding, the Prime is the ultimate C kite designed to help you carry out your favorite moves.

Whether you are practicing for the next PKRA or just having fun in your own backyard, the Prime 2010 gets you one step closer to landing that impossible move with the help of the following features:

- + Increased Power and Speed
- + Direct Response
- + Smooth and Even Kiteloops
- + Sustained Power Post Maneuvers
- + Optimal Bar Pressure for Power Moves
- + Quick and Direct Turns
- + The Ultimate Big Air Kite

SIZES - 7 9 11



Tested for 75Kg on 132 cm board

- FREE RIDE ★★★★★
- FREE STYLE ★★★★★
- WAVE ★★★★★
- NEW SCHOOL ★★★★★
- BEGINNER ★★



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# KITETECHNOLOGY



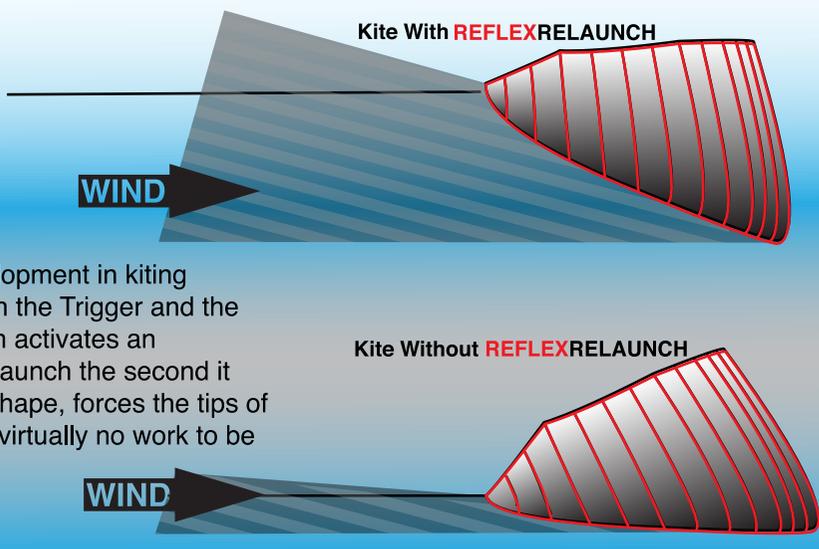
Blade's entire 2010 kite line is founded on variations of a few principal ideas of kite design and technology. In this page, we will explain how the Blade design team implemented these techniques to develop the features of the Trigger, Vertigo, and Prime.



## REFLEX

### ReflexRelaunch

The name of this exciting new development in kiting technology says it all. Found in both the Trigger and the Vertigo, the Reflex Relaunch system activates an instinctive response in the kite to relaunch the second it hits the water. The innovative kite shape, forces the tips of the kite out of the water, so there is virtually no work to be done by the rider to get the kite back up in the air.

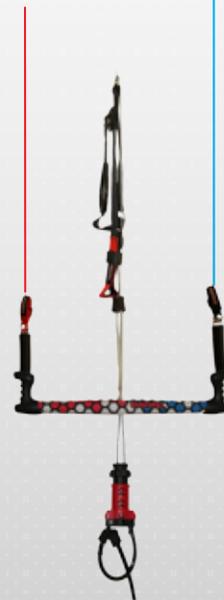
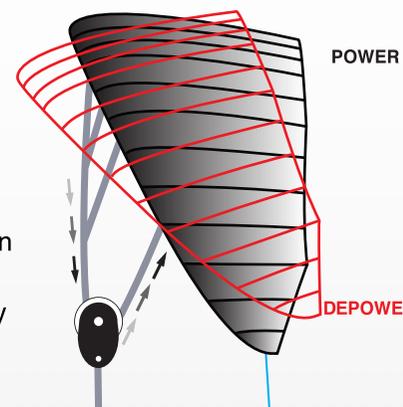


## IBS

### IsolatedBridleSystem

The Isolated Bridle System (IBS) found in the Blade 2010 kite line, separates the back lines from the front lines and evenly distributes forces along the length of the leading edge. This cutting edge system provides the rider with a very direct feeling, similar to that of a C Kite.

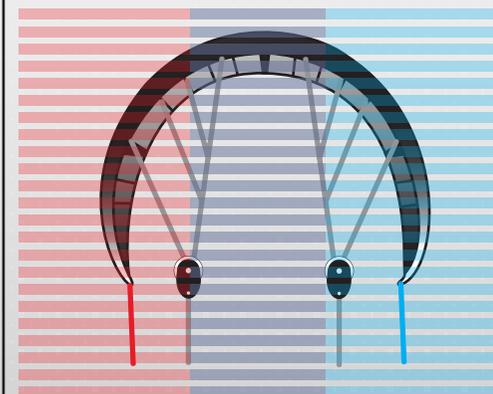
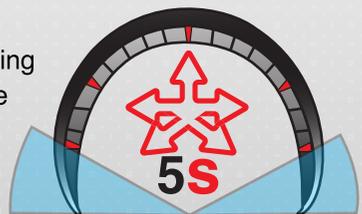
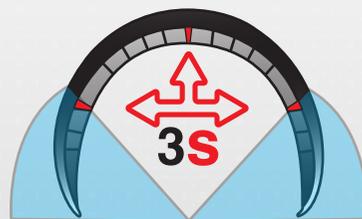
In addition, the new system increases the depower abilities because the bar can be pushed further up without interference from the front lines. The result is more leverage in the angle of attack.



### ThreeStruts

The rule of thumb in kite design is that when the bar is pulled, the force of the pull continues through the canopy until hitting a strut, at which point the force is weakened. The three strut kite design allows the force to affect a larger portion of the kite than a five strut design – resulting in faster turns, a more direct feel, and enhanced relaunch abilities.

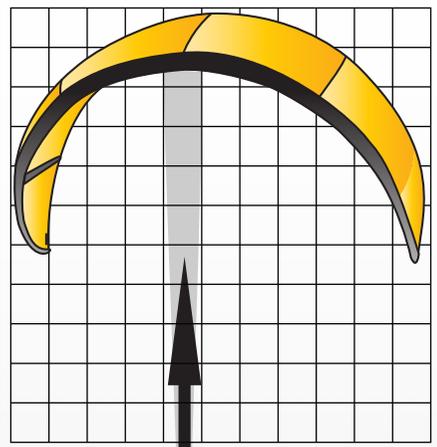
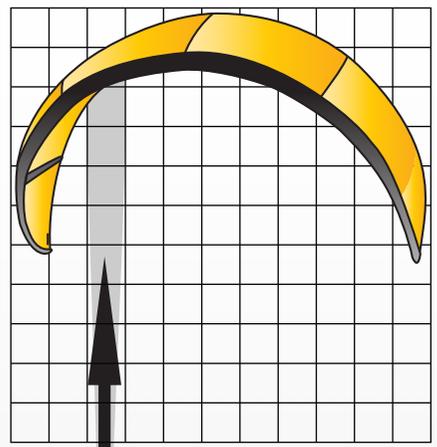
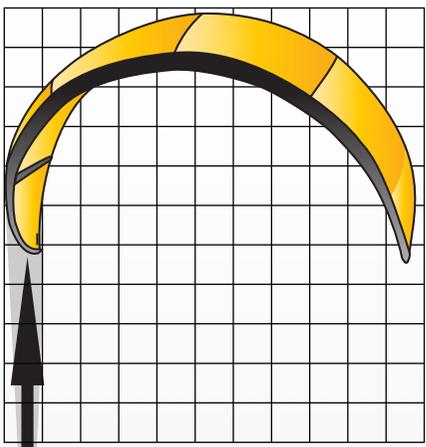
The benefits inherent in a three strut kite have always been recognized, but their inefficiency in maintaining the kite shape prevented them from being used more often. Due to wider struts and a unique design, the 2010 Blade kites are all developed using three struts which still keep the shape of the kite and, combined with other design techniques, enhance the Reflex Relaunch, provide a more direct feel, and turn the kite faster.





# KITESHAPE

## TURNING AXIS



**PRIME**

**TRIGGER**

**VERTIGO**

Up until this point, we have been exploring kite design techniques which are comparable in all of the Blade kites available this season. At this point, we will look into the main aspect which is distinctly different in each of the kites and is ultimately the reason why each kite fits certain types of riders and riding styles.

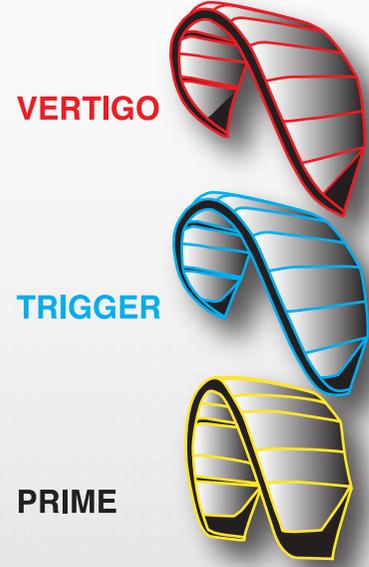
As you can see in the diagram, the turning axis of each kite model doesn't only affect the kite turns but also influences the power in kite maneuvers in general. The Prime's turning axis is located all the way on the side of the kite which provides maximum power and doesn't release any power throughout the movement. The Trigger's axis is closer to the center of the kite which produces optimal power that can be released.

The manner in which the Vertigo turns is one of the key reasons why it is considered one of the most forgiving kites. The kite's low aspect ratio and turning axis allows it to perform tight pivot turns which can release all power when needed. It is through these turns that riders will feel the major differences in each of the kites.

## POWER

Always looking for ways to increase power without sacrificing any of the performance capacity of the kite, the 2010 kite line is stronger than ever before.

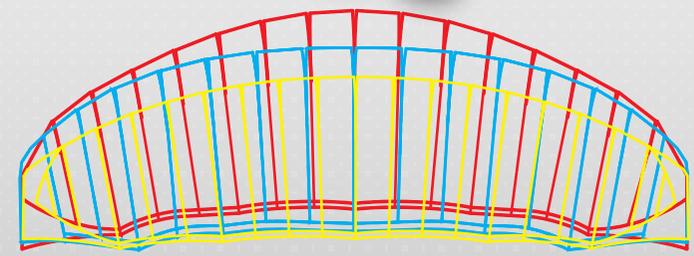
Normally, designers are not able to use the strongest profiles available because they still need to allow the kite to depower. With the IBS feature of this year's kite line providing enough depower, we were able to use a much stronger profile and concentrate the power of the kite.



**VERTIGO**

**TRIGGER**

**PRIME**



# KITECONSTRUCTION



Starting with the best material available in the market and equipped with uncompromising reinforcements and beefed up construction, Blade kites are built to take even the hardest hits to keep you in the water and out of the repair shop.



**Leading Edge Protectors** – The trendy new double layered protectors are more aerodynamic



**Enforced Trailing Edge** – Double Teijin Ripstop material protects the delicate areas of the kite for increased durability



**MAD2** – The uniquely molded valve pieces are 100% foolproof and will have you pumped and ready to go in minutes



**Front Line Defense** – A triple layer insignia tape borders the struts and other critical areas to protect your kite against collisions and the harsh outdoor environment

**Z Cubed Stitch** – An innovative stitching procedure that provides three layers of stitching above the Insignia Tape and serves as triple protection for vulnerable areas



**Kevlar Guard** – An innovative shield that is used in the kite's sensitive sections



**Tough Guard** – The durable leading edge is doubly reinforced with additional webbing to protect the stitching



# 3ARTECHNOLOGY



SWIVEL DOME

The second generation Swivel Dome, on the 2010 Blade Bar, combines the features and functionality of the chicken loop, swivel, and a 100% effective safety release into one efficient mechanism that releases weights ranging from 5KG to 400KG with minimal effort.



DIRECT FEEL

The lifespan of the bar has been dramatically increased using tough plastic and flexible materials which won't corrode or breakdown and the entire release device remains intact once activated.

Once the quick release is activated the kite remains connected to the rider by one of the depower lines but loses all power immediately, thereby ensuring the safety of both rider and equipment.

All in all, the new Blade Bar is the perfect system providing maximum comfort and safety for your riding sessions.

- + Second Generation Swivel Dome Mechanism
- + Total Depower Guaranteed Upon Release
- + Comfortable Grip and User Friendly Bar



SWIVEL DOME



MAD2



REFLEX



DIRECT FEEL



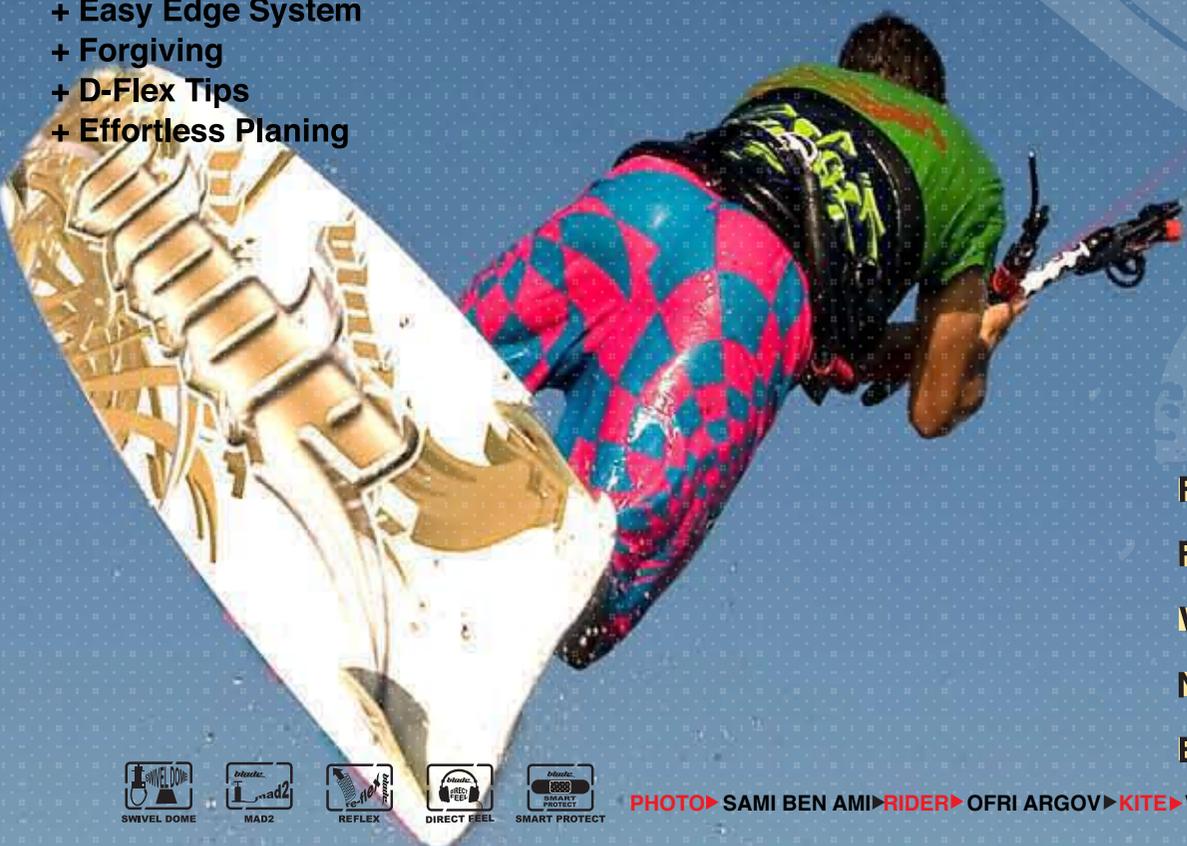
SMART PROTECT

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# SCALPER

Featuring the Easy Edge system, the 2010 Scalper's concave bottom seizes the water and doesn't let go. The sophisticated outline of the board has increased surface area which, when combined with the D-Flex tips, results in a forgiving board that planes effortlessly and is great for jumps. The G10 fins are aerodynamic and shaped for maximum edging, while the pads and straps are thick and comfortable – leaving you worry free during your sessions.

- + Indestructible Features
- + Easy Edge System
- + Forgiving
- + D-Flex Tips
- + Effortless Planing



FREE RIDE	★	★	★	★	★
FREE STYLE	★	★	★	★	★
WAVE	★	★	★	★	
NEW SCHOOL	★	★	★		
BEGINNER	★	★	★	★	★

**SIZES**  
 128/39  
 132/41  
 136/42



PHOTO ▶ SAMI BEN AMI ▶ RIDER ▶ OFRI ARGOV ▶ KITE ▶ VERTIGO ▶ BOARD ▶ SCALPER ▶

# BOARD TECHNOLOGY



The finest in board technology, combined with a sleek new look, is the secret behind the success of the Blade Scalper Board 2010. Hours of research and development went into bringing you the most comfortable, durable, and forgiving board – bringing your kiting experience to new heights.

## Graphic Shield

Directly protecting the board from the elements is an impenetrable layer of scratchproof graphic foil which increases the lifespan of the board.

## ABS Rails

Providing a thick layer of protection in the board's most exposed areas, the edge of the board is surrounded by a thick ABS railing.

## Monster Mesh

The Scalper second layer combines various fiberglass technologies to create the Monster Mesh which enhances flexibility and maintains durability. While the center of the board features a biaxial net system, the outer areas of the board are much more flexible with a single axial net.

## Wood Core

At the heart of the Scalper board, lies the tough and lightweight Paulownia Wood Core, which is the secret behind its indestructible qualities.

## SCALPER 2010



## Stainless Steel Inserts & Screws

Never skimping on quality, even Blade's inserts and screws are made with 100% stainless steel.



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**FREE YOUR MIND!**



SWIVEL DOME



MAD2



REFLEX



DIRECT FEEL



SMART PROTECT

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