



**GA**  
K I T E S

**2016**

**GAASTRA.COM**





## **Mario Rodwald joins GA Kites!**

*Gaastra Kiteboarding is pleased to welcome the 3x reigning European champion, 8x German champion and one of the best kiting freestylers in the world. Besides his world class kite performance, Mario will be an integral part of the R&D team at the Gaastra kite division. At only 24 years old, Mario has a big future ahead of him and we are delighted to have him on board sharing his enthusiasm and passion with us. We have some exciting new developments planned with our kitesurfing division and are expanding our R&D Team for 2015, and this begins with the signing of Mario Rodwald. The whole Gaastra kiteboarding team is looking forward to a successful future with Mario and we wish him all the best for the upcoming season!"*

### **MARIO RODWALD:**

*"I AM GAASTRA" (KITE Magazine, Issue 1)*

*"This is one of the biggest decisions of my life, maybe the biggest. One of my first professional kite experiences I made in 2003 was with the best kite at that time - the 'Gaastra GXR'. You can hardly explain the feeling when you are doing your first tricks in a competition but at the moment I feel a little bit like back to the past. I am happy as hell that I get the chance to put all my experience in the new project and being part of the internationally well constituted team. My Job is not only to win competitions with Gaastra Kites but I will also put all my experience into all Gaastra kite range products and will help the team with MARKETING, PRODUCTION and SALES which work hand in hand as a perfect combination. I can hardly wait to present everybody out there on what we are working on."*

### **KITE HEAD DESIGNER URS HUNGERBÜHLER:**

*"A kite brand lives and dies with the team behind it. It took time to recruit the perfect people for the right jobs, but we are now in an amazing position to move the Gaastra kite brand to the next level. It's unbelievable what is possible when all parts fit together, new and fresh ideas happen! We have access to all new high end materials, and with one of the best production lines in the industry, we are producing the best products on the market. The team behind testing these new ideas and giving the right feedback is essential to creating the perfect product. So I'm very happy to welcome Mario to the team and we're all very excited with the direction we are now heading and with the new products we will be soon releasing."*





# URS

## HUNGERBÜHLER



## URS HUNGERBÜHLER

*New challenges are around every corner and you have to adapt. Kiteboarding is continuously evolving and new demands arise. To work on all those challenges on different products I had to travel a lot between various beaches and our factory, to make sure things go right. New fabrics, threads, glues, pu-film... So many details, but in the end all those details make the difference!*

*Our Research & Development is still based in Taiwan, because we can hit the water every day. In addition I had to travel to different spots, where we could find light wind conditions to test in 6-12 knots. We found those conditions, for example, in Thailand and Indonesia where I tested a lot with Mario and Roy Rodwald. In Thailand there were perfect conditions for the racing tests, as we were able to test and compare both in secret and in high level competition. In Indonesia we found almost all conditions. Mostly light winds ... combined with unreal waves.*

*Our factory is doing a great job and you can really see this in the kites themselves. We are now in the fifth year of our own production facility. The obvious advantage is that we v full access to the production and can tune all details to our exact needs. This is just so much more efficient - I have set up the quality control by myself and made sure nothing passes through I would not accept on the market.*

*Hell is below you, always look up!  
Urs Hungerbühler*



## ABOUT GA KITES

*The Gastra philosophy has always been to provide functional equipment of the highest quality. Gastra was established in 1897 and progression is our addiction. Always was and always will be!*

*As one of the first brands ever, Gastra applied their knowledge and expertise to kitesurfing in 2001, launched as a big player and has pushed the limits ever since.*



**MELISSA RODWALD**  
INTERNATIONAL TEST TEAM

**ROY RODWALD**  
PRODUCT DEVELOPMENT MANAGER

## DESIGN QUALITY

*A highly motivated and skillful team has been working on GA Kite products for years now. Head designer Urs Hungerbühler is the mastermind behind our kite development. Being Swiss, he has the perfect mix of theory and practice. During his mathematics studies, he was flying in the international paragliding competition scene.*

*Early on, he designed his own kites on the basis of his practical experience and his own mathematical understanding. He tested them all himself and learned a lot. This long-standing background enables him to design all GA products 3D-based having perfect accuracy. Frills and gimmicks are not an option. Each new idea must convince him for the long term.*



**MARIO RODWALD**  
INTERNATIONAL TEAM RIDER  
PRODUCT DEVELOPMENT



# TECHNOLOGY

## BY GA

*Quality and Technology means everything to us. We put all our efforts into our products and solid manufacturing to make them long lasting, but still lightweight and performance oriented. Finding this balance is a constant challenge, but makes a huge difference in the end product. GA products come to you guaranteed to deliver the best performance available.*



### HIGH CONTRAST

The black and white design provides the best visibility and highest contrast possible. After long research and testings we found that this color scheme delivers the most intuitive look and safe use!



### ANTI TANGLE WEBBING

The Anti Tangle Webbing at the strut ends prevents the lines catching a strut end. This feature eliminates several problems and ensures easy launch after slack line situations.



### ADAPTIVE TUNE

Although we built kite equipment for plug and play that works in standard setup for everybody, we still provide tuning options for various use, so every rider can fine tune his gear perfectly!



### ADAPTIVE LINES

Our kites offer multiple setup options beside the standard one on the steering lines, so it is easy to adapt the kite to your personal style.



### KOOK PROOF CONNECTIONS

Eliminates the possibility of connecting the lines wrong.



### HIGH QUALITY MATERIALS

In order to ensure timeless performance we use only the best materials to manufacture our products.

- LTE Canopy with double Rip Stop. Exclusive to GA.
- HPX Dacron with high density yarn
- High Quality Eurocord® lines
- FSE® ropes
- Clamcleat®
- Kevlar® fabric for Most durable reinforcements



### FULL DACRON FRAME 3.0

The next evolution of our proven and tested Full Dacron Frame. Every strut and the trailing edge is attached to a frame of Dacron smoothed with mark cloth tape to the canopy connection for unmatched resistance to wear and heavy loads.



### LOGIC V BRIDLE SYSTEM

None of our kites use pulleys. All bridles are fixed and provide a super stable and clean arc design.



### SELF RESCUE HANDLES

These loops are attached to the inside of the tip and ease the operation of a self rescue in case of emergency, so the kite can drag you home!





### **SPEEDPUMP 3.0**

All GA kites comes with the comfort of a single point rapid inflation system. The double cross section eases deflation of the struts and eases packing significantly. The clamps on the tube provide the option of blocking the struts if needed! An additional deflate valve on the tip eases packing, even in high wind situations!



### **NACA0018 PROFILES**

The NACA profiles are airfoil shapes for aircraft wings developed by the NASA.



### **LTE CANOPY**

This new canopy comes with double ripstop materials to provide ultimate durability with and minimal elongation. This results in bulletproof kites, significantly less damage which gives you more time on the water! This canopy sets a new benchmark in dynamic performance, it gives a very lively and direct character to the kite.



### **VALVE INSTRUCTIONS**

- Close valve properly (full load = 2.5Nm)
- Keep out any sand!
- Clean periodic below the sealing
- Make sure the base and bladder will remain in correct position while closing and/or installation



### **SEGMENTED TECHNOLOGY**

The Segmented technology ensures a clean aerodynamic profile, so each kite provides direct and clean handling.



### **TWIN SEAM**

Following the goal to build the best and most durable kites on this planet, our design team has been restless in developing and testing new ideas and technologies. Only proven features go into production to serve our customers with state of the art technology. After extremely successful results in the real world, on the water, testing, we are proud to announce the Gastra TWIN SEAMS on all kites. This special construction uses two yarns of different material stitched in the same production step.



### **GLUED TRIPPLE ZIG ZAG**

All canopy seams are manufactured in Glued Tripple Zig Zag Technology. Seams get glued first and sewn after. This provides a perfect seam pattern and a stiff kite.



### **COMPOUND STRUT CONNECTION**

The special connection between the strut and leading edges provides an extremely rigid skeleton, making the connection durable and gives better performance than ever!



### **BULLET PROOF CONSTRUCTION**

Our own highly skilled factory delivers state of the art manufacturing quality to ensure a long lifespan in the most extreme use. Additionally we reinforce all known and reported areas of abuse.



# TWIN SEAM

*Following the goal to build the best and most durable kites on this planet, our design team has been restless in developing and testing new ideas and technologies.*

*Only proven features go into production to serve our customers with state of the art technology.*

*After extremely successful results in the real world, on the water, testing, we are proud to announce the GA TWIN SEAMS on all kites.*

*This special construction uses two yarns of different material stitched in the same production step.*



## TWIN SEAM + HPX DACRON

*Our newest technologies don't happen over night. We continue to develop our kites to be stronger, lighter and better than anything else. Last season, we developed a 50% stronger leading edge that is more rigid and offers substantially improved flying character while maintaining a lightweight and bulletproof LE.*

*Our tried and true tested TWIN SEAM technology is integrated into every kite we make. We use two yarns of different material stitched in the same production step. This enables us to have less perforation in the cloth but much stronger seams.*

*Our exclusive HPX DACRON is light weight and stronger than any other competition out there. Our kites promise to last longer and feel fresher every time you get out there.*



# LTE CANOPY

*This new canopy comes with double ripstop materials to provide ultimate durability with minimal elongation. This results in bulletproof kites, significantly less damage which gives you more time on the water! This canopy sets a new benchmark in dynamic performance, it gives a very lively and direct character to the kite.*

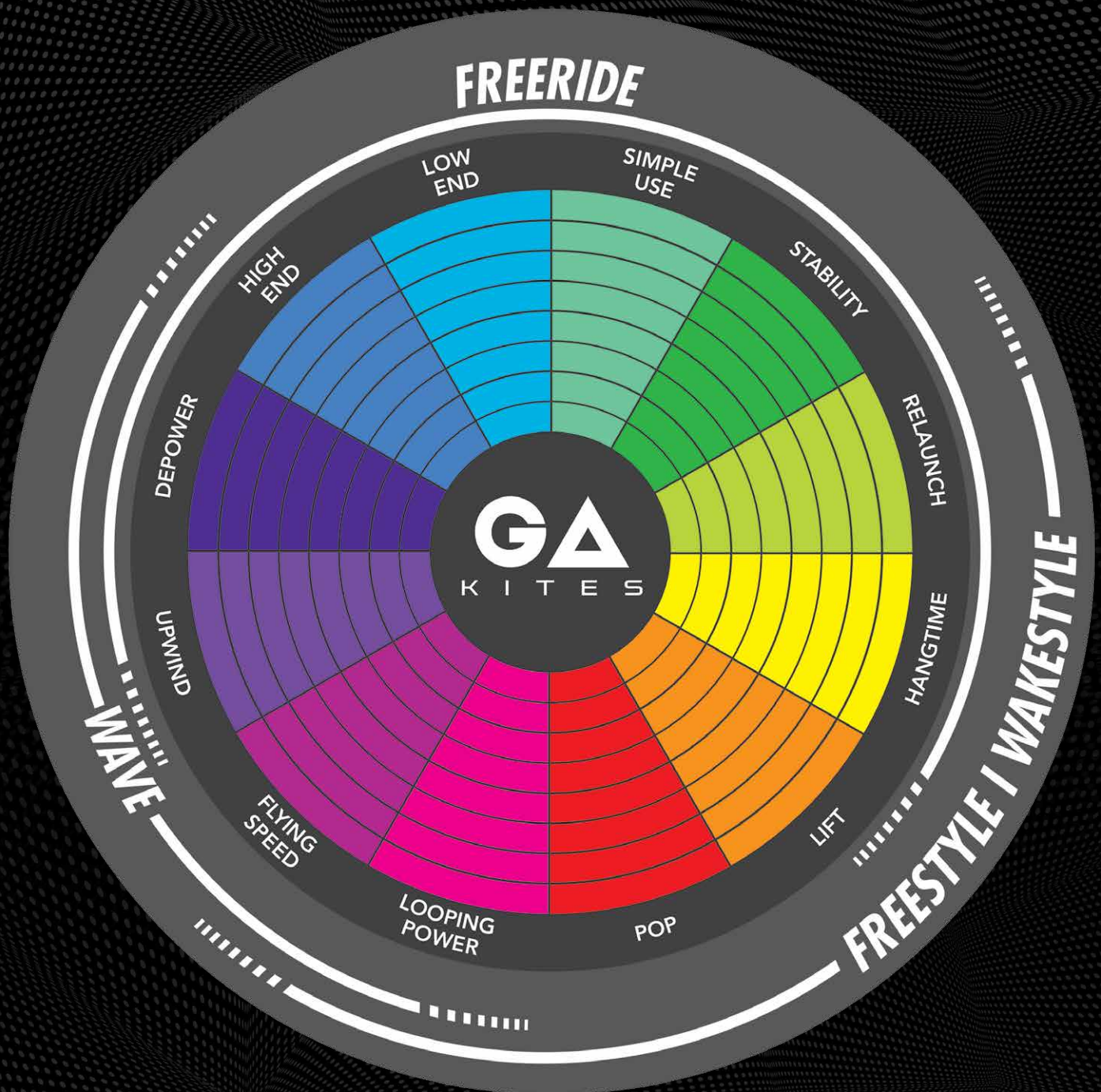


## LTE CANOPY

*Our LTE Canopy is a benchmark for any kite on the market. This canopy comes with double ripstop materials and resists tearing with minimal stretch. It gives a very lively and direct character to the kite. We have achieved greatness with our durability in the cloth that results in a kite that will last a lot longer than our competition. To achieve this target in such an extreme sports environments with loads of water and UV punishment we decided to use two steps of coating in production. On the exclusive GA Lte canopy, the ripstop yarn gets coated before actually creating the cloth. In the end the whole cloth gets coated again. Even if the cloth coating is destroyed by serious abrasion, the rip stop yarn is still working and protects the cloth from tearing.*



# KITE FINDER





### **UPWIND**

Characterizes the upwind abilities of the kite.

### **DEPOWER**

Depicts the ability to decrease kite power by changing the angle of attack.

### **HIGH END**

Defines the strong wind character of the kite and the steering abilities when (highly) depowered.

### **LOW END**

Defines the light wind character of the kite and the maximum power ability in the bottom of the wind range.

### **SIMPLE USE**

Pictures of the simplicity of the kite use, how to get going without taking too much care about the kite itself.

### **STABILITY**

Describes the behavior of kite in gusty winds or other non-ideal situations.

### **RELAUNCH**

Pictures the general relaunch simplicity.

### **HANGTIME**

Defines the jumping duration.

### **LIFT**

Defines the high jump.

### **POP**

Describes explosive jumping

### **LOOPING POWER**

Characterizes the generated power in kite loops.

### **FLYING SPEED**

Describes how fast the kite moves forward, but also how fast the kite needs to fly to provide maximum power.



# OVERVIEW

## KITES 2016



**SPARK**  
FREERIDE  
BIG AIR FREESTYLE  
WAVE



**JET**  
FREERIDE  
LIGHT WIND  
HANG TIME



**PURE**  
FREESTYLE  
WAVE  
FREERIDE



**PACT**  
WAKESTYLE

## BOARDS 2016



**MR SIGNATURE**  
FREESTYLE  
WAKESTYLE



**WATTS**  
FREERIDE  
FREESTYLE



**BLEND**  
LIGHT WIND  
FREERIDE



**SOLAR & SOLAR FOIL**  
WAVE  
FREERIDE



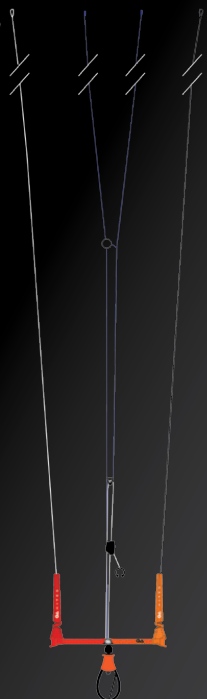
**FOIL**



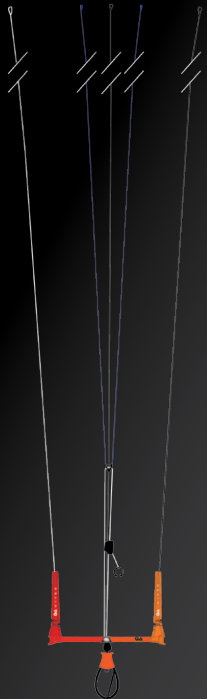
GA  
KITES  
NEXT LEVEL  
PERFORMANCE  
BARSYSTEM X3



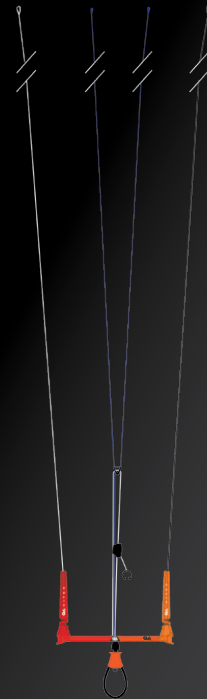
**BARSYSTEM X2**



**BARSYSTEM X3**



**BARSYSTEM X3-5<sup>TH</sup>**



**BARSYSTEM X3-V**



**FLASH**  
WAVE



**SLY**  
WAVE



**PACER & LTD**  
LIGHTWIND  
FREERIDE  
SLALOM



**JET**  
LIGHTWIND RACING  
COURSE RACING  
SLALOM





# SPARK

## GA KITEBOARDING

*For 2016 the Spark is an all new concept of Freeride! It's new light-weight three-strut construction ensures very stable flight characteristics and easy control. This means the spark provides the rider with progressive bar pressure and direct feedback about the position of the kite. Extremely easy relaunch by just pulling one side of the bar!*

*The kite is designed for all conditions and is characterized by its early low wind and high depower abilities. Fast reactions on steering impulses combined with an enormous amount of hangtime will set a bench mark in big air freestyle.*

*The Spark features predictable pop which invites advancing riders to lift off. Stable drifting while lines are slack ensure perfect handling when wave riding – this is why the Spark is our definition of Crossover!*







# SPARK

FREERIDE | BIG AIR | FREESTYLE | WAVE



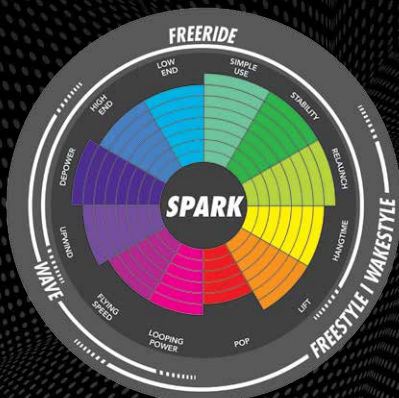
3 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 14

## TARGET GROUP

Freerider, medium level to experienced rider who enjoys perfect handling in all conditions and styles.

## FACTS

- easy control and stability
- clear feedback
- extreme easy relaunch
- huge wind range
- long hangtime



### SIZE

3  
5  
6  
7  
8  
9  
10  
11  
12  
14

### LINE TYPE

4 LINE  
4 LINE  
4 LINE  
4 LINE  
4 LINE  
4 LINE  
4 LINE  
4 LINE  
4 LINE  
4 LINE

### WINDRANGE

25 - 50+  
20 - 45+  
18 - 35  
17 - 33  
16 - 32  
15 - 30  
14 - 29  
13 - 28  
11 - 25  
08 - 22













# ▶ JET ◀

*The new Jet is all about high performance riding! The high performance profile delivers best upwind abilities combined with a huge wind range. You want to be the earliest gliding at the spot – this is your kite.*

*You want to travel with very little gear due to the high end depower – this is your kite! The trailing edge is equipped with a kevlar line encapsulated into a double spinnaker.*

*This extremely light and strong five-strut construction ensures a long life and delivers very stable handling. Despite the improved performance we also advanced the relaunch qualities. Truly this Kites success lies in the high-speed profile which provides long hangtime and direct feedback!*







# JET

**FREERIDE | LIGHT WIND | HANG TIME**



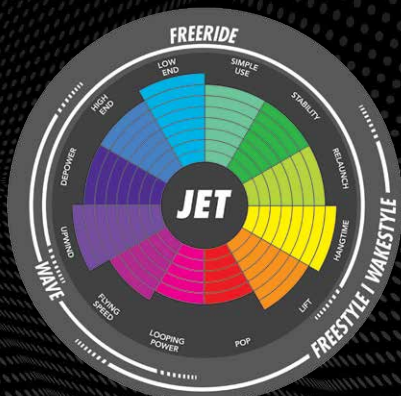
7 | 9 | 12 | 15 | 18

## FACTS

- five struts for maximum stable profile
- best upwind ability
- earliest gliding for low wind
- biggest wind range
- great hang time

## TARGET GROUP

High performance enthusiast who loves to push his limits in freeriding, big air, low wind, race, foil.



### SIZE

7  
9  
12  
15  
18

### LINE TYPE

4 LINE  
4 LINE  
4 LINE  
4 LINE  
4 LINE

### WINDRANGE

20 - 40  
14 - 35  
10 - 25  
07 - 21  
05 - 16







# PURE

## GA KITEBOARDING

*In 2016 the Pure strikes with a completely redesigned crossover concept. The expanded C-Shape construction offers fast turning with precise and direct steering. This is why the Pure is the ultimate setup for ambitious Freestyle and Wave riders!*

*Explosive and predictable pop combined with solid slack invite you to go bigger on your next move. Furthermore the kite recovers quickly on big kiteloops in order to ensure a soft landing. Direct feedback and precise steering are equally important for unhooked tricks and perfectly timed cut backs and bottom turns.*

*No matter if strapless or straps the good drift abilities of the Pure are essential for every wave rider. For 2016 we enhanced the quick relaunch and the big wind range characteristics for any advancing rider to fall in love with this kite.*



# PURE

FREESTYLE | WAVE | FREERIDE



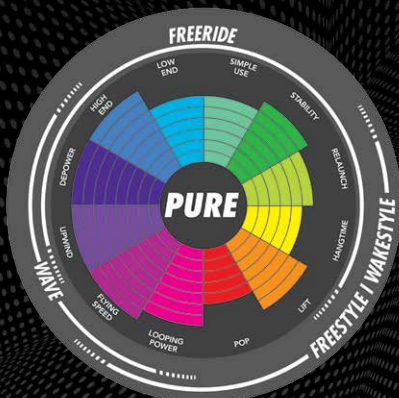
5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13

## TARGET GROUP

The perfect kite for ambitious freestyle and wave riders. Combine your elements.

## FACTS

- expanded C-Shape construction
- fast turning for optimized wave and freestyle riding
- explosive and predictable pop
- most precise and direct steering



### SIZE

5  
6  
7  
8  
9  
10  
11  
12  
13

### LINE TYPE

4 LINE  
4 LINE  
4 LINE  
4 LINE  
4 LINE  
4 LINE  
4 LINE  
4 LINE  
4 LINE

### WINDRANGE

22 - 45+  
20 - 35  
19 - 36  
16 - 32  
14 - 29  
12 - 25  
13 - 28  
11 - 25  
10 - 23







# PACT

## GA KITEBOARDING

*Uncompromising world class Wakestyle is what the Pact is designed for. World class freestyler Mario Rodwald put up three maxims for this kite: perfectly predictable slack, massive but controllable pop and a precise bar feedback. After a long process of testing and fine tuning we delivered! The true C-Kite construction is equipped with five struts and fifth line to hold the aggressive profile in shape. Explosive horizontal kiteloops can be landed safely as the Pact quickly recovers to 12 o'clock. Additionally we designed an extra small 5th line Wakestyle Bar! For best upwind, depower and big air characteristics use the Freestyle setting. Use on slow and Wakestyle setting for maximum control on unhooked tricks!*







GAASTRA.COM

THE ART TO BE AHEAD







# PACT

## WAKESTYLE



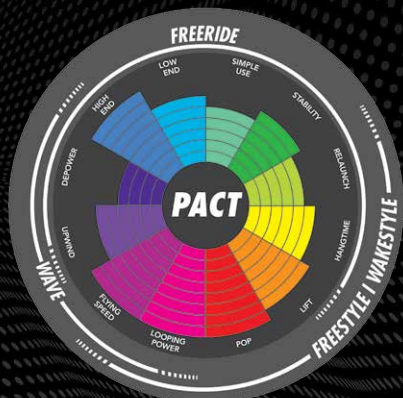
6 | 7 | 8 | 9 | 10 | 11 | 12 | 13

## TARGET GROUP

Freerider, medium level to experienced rider who enjoys perfect handling in all conditions and styles.

## FACTS

- real five-strut C-Kite
- massive controllable loaded pop
- perfectly predictable slack
- direct bar feeling
- designed together with 3x European Champion Mario Rodwald



### SIZE

6  
7  
8  
9  
10  
11  
12  
13

### LINE TYPE

5 LINE  
5 LINE  
5 LINE  
5 LINE  
5 LINE  
5 LINE  
5 LINE  
5 LINE

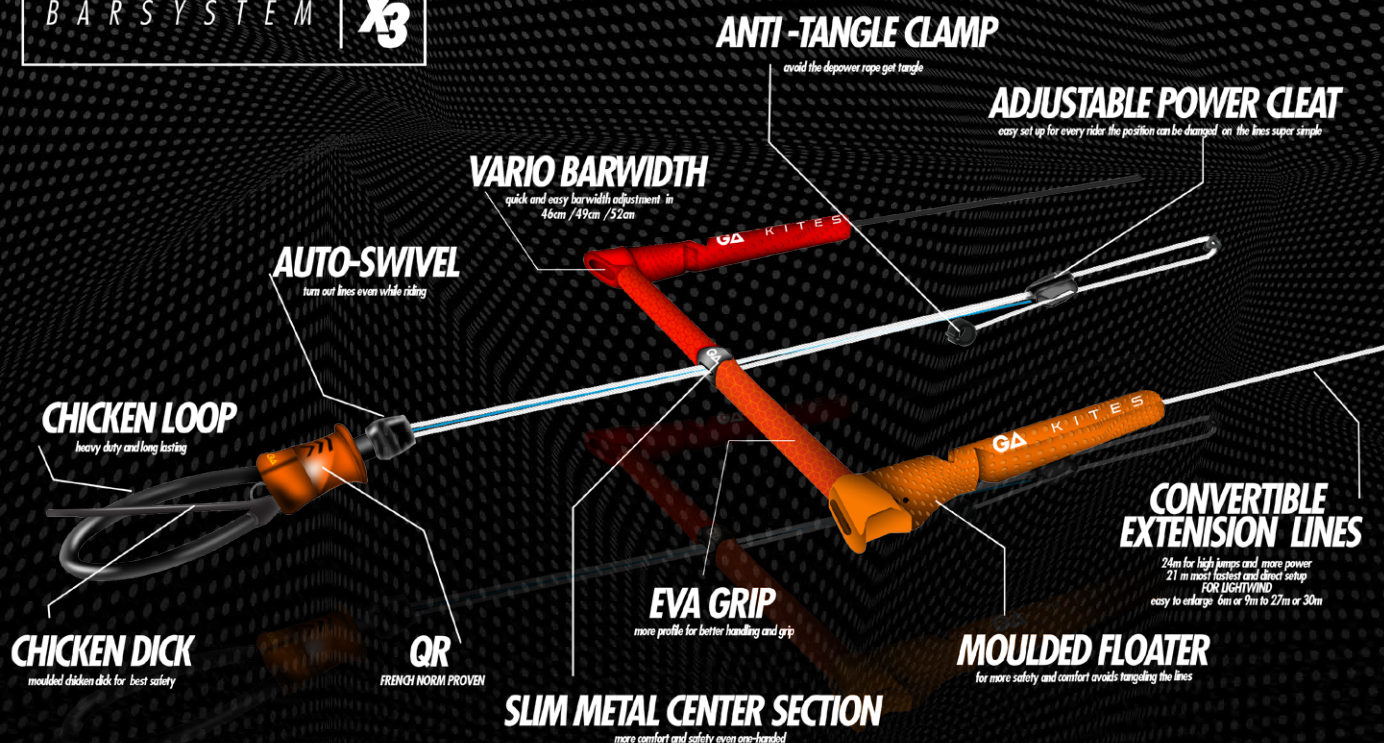
### WINDRANGE

20 - 35  
19 - 36  
16 - 32  
14 - 29  
12 - 25  
13 - 28  
11 - 25  
10 - 23

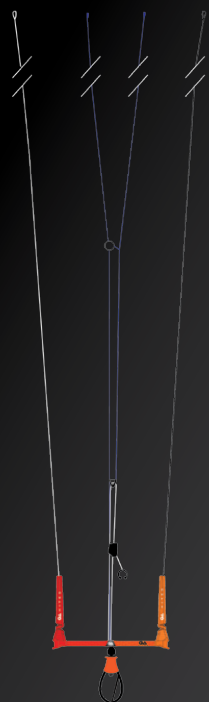


# GA KITES NEXT LEVEL PERFORMANCE

BAR SYSTEM | X3



GA  
KITES  
NEXT LEVEL  
PERFORMANCE  
BAR SYSTEM | X3



## BAR SYSTEM X3

The new BAR SYSTEM X3 is our lightest bar ever! Tons of new features to offer you maximum performance and safety. With just 23mm diameter it is the thinnest bar on the market, providing maximum feedback and grip. One bar fits all sizes with quick adjustments over molded bar ends. The new floaters are connected to the bar end to minimize risk of tangling the backlines or leash when relauching the kite.

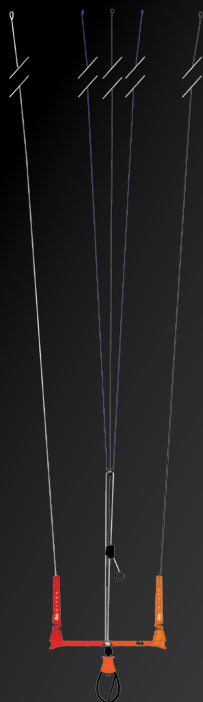
The biggest safety feature is the all new QR, fulfilling French safety norms! Pull the QR in any situation to fully flag out the kite. The SHIFT ADJUSTER offers a very precise powering and also provides the comfort to set the distance of the adjuster according to the length of your arms. The ROPE CLAMP avoids tangling of the adjuster line. Use the 21m for most direct and fastest kite setup or 24m for more power and high jumps. One bar does it all. The BAR SYSTEM X3 offers maximum comfort on one handed tricks by using a new metal center and a thin depower line. This bar sets a new standard in performance, design, comfort and safety.

## FACTS

- Super Thin bar for direct feedback
- Newly designed safer Quick Release with swivel
- Quick adjustment to 46, 49 or 52 cm bar width
- 21 or 24m lines by homogenous 3m extensions
- New overmold barends with integrated floater



**GA**  
**NEXT LEVEL**  
**PERFORMANCE**  
BARSYSTEM | X3-5<sup>TH</sup>



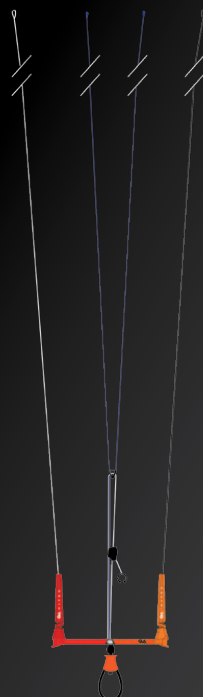
## BARSYSTEM X3-5<sup>TH</sup>

*This bar system was especially designed by Mario Rodwald for high performance wakestyle riding and suits the PACT perfectly. The small size of the bar keeps the kite in position even when not passing the bar perfectly. The big chicken loop, the grip and the low V of the lines are all designed for maximum performance. In addition to these details this bar system also includes all the gadgets of the normal BAR SYSTEM X3.*

### FACTS

- 5th line
- Quick adjustment to 46, 43 or 40
- Extra big chicken loop for easy unhooking
- Super thin and super light
- Enormous grip for handle

**GA**  
**NEXT LEVEL**  
**PERFORMANCE**  
BARSYSTEM | X3-V



## BARSYSTEM X3-V

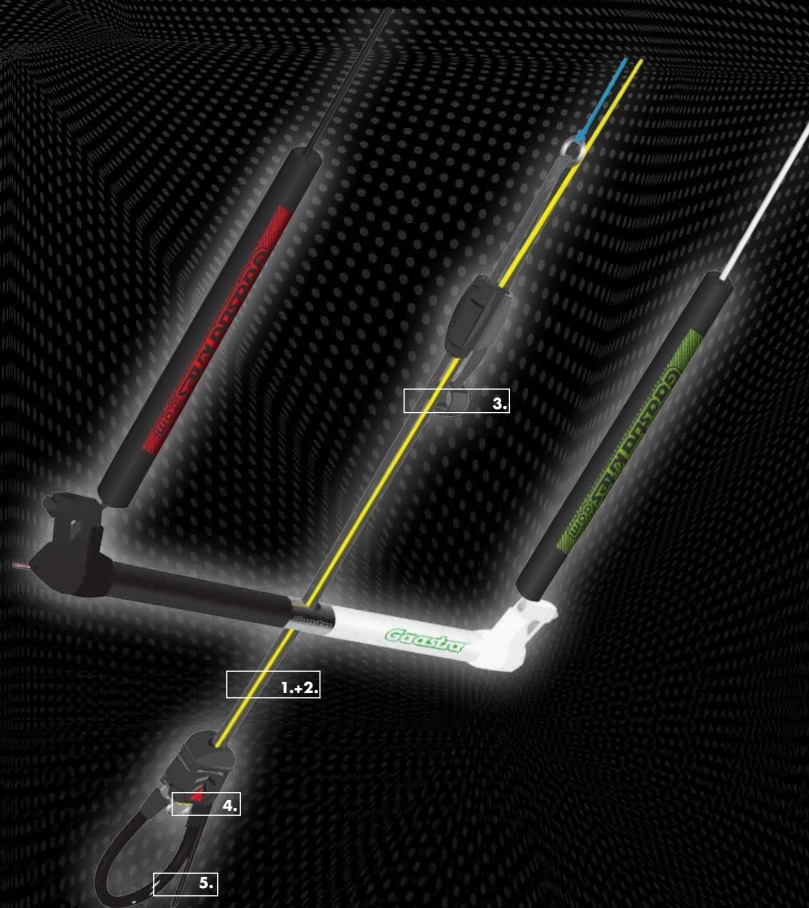
*We added the X3-V to our bar range especially for kite schools in order to make the life easier when students tangled the lines. Despite teaching, this bar system offers a lot of slack when performing unhooked tricks. Nevertheless we only recommend this bar system for the teacher or the four line unhooked rider as handling and performance on high jumps, free riding and wave riding is much more precise with our normal bar system X3.*

### FACTS

- Low V in frontlines
- For easy untangling when teaching
- More slack for unhooked tricks when riding a four line kite



# BARSYSTEM X2

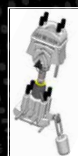


**1. INSIDE SWIVEL**  
IN QUICKRELEASE FOR EXTRA LONG  
DEPOWER RANGE



**2. AUTO TWIST**  
BAR SYSTEM

**3. AUTO TWIST**  
BAR SYSTEM



**4. MAGNETIC QUICK RELEASE 2**  
FOR BEST SAFETY IN ALL SITUATIONS



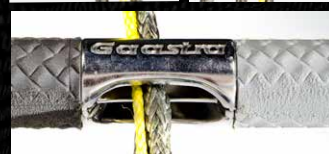
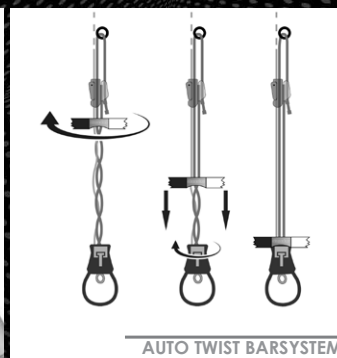
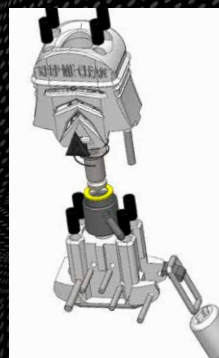
**5. NEW CHICKEN DICK**  
WITH POSITION WHEEL



# SAFETY

The heart of the Bar System X2 is the Magnetic Quick Release (MQR2), a marvel of technology. This revolutionary GA quick release is made to give the rider greater confidence in terms of safety. There are no mechanical parts and the magnets ensure that the release stays closed providing absolute security against accidental openings. The safety connected frontline is indicated at the top. So you may choose which side the kite falls in a safety release situation. Once you release the system it ensures that the kite flags out even in 4 or 5 line setup. Relaunching is not a problem. Resetting the MQR2 is easy!!

- MQR2: the safest, most ingenious QR got even better!
- AUTO TWIST Bar System: lines stay sorted!
- HD leash with LQR (Leash QR)
- High quality material for longer lifespan



# FUNCTIONS

This all-in-one bar is compatible with all GA kites and most other brands as well. You can tune this bar perfectly to your needs. It features an adjustable bar width and line length set-up, topped by the unique SHIFT ADJUSTER that allows you to de-power and adjust the range of your kite depending on conditions.

- Standard Bar Setup: full power = all lines same length
- 46 or 52 cm bar width
- 21 or 24m lines (3m extensions)
- HD Bar with metal centre
- SHIFT ADJUSTER for de-power-/adjuster range setup
- Rope Clamp to avoid tangling
- Easy change from 4 or 5 line setup

# ERGONOMICS

Get the best connection to your kite with the optimised bar diameter and one of the most comfortable grips on the market. Soft bar end rubbers prevent injuries and the QR is a compact design with a huge loop for riding comfort. Combine all this and you get ultra precise steering and all the power you need while on the water.

- Embossed bar grip
- Super-soft rubber pad in bar ends
- Perfect center bar hold (horizontal line separation)
- Clamclean® for best adjustment

# MQR2

- ingenious and simple release
- extremely reliable: Use of Magnets - no mechanical parts needed!
- no risk of injury on release
- Internal Swivel for AUTO TWIST: Swivel and ROPE SPLITTER keep the lines untwisted
- Super easy to reset
- optimized dimensions: most compact QR with huge loop
- easy to clean "rips"
- Chicken Dick (with position wheel)
- IGUS® sliding bearing











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THE ART TO BE AHEAD

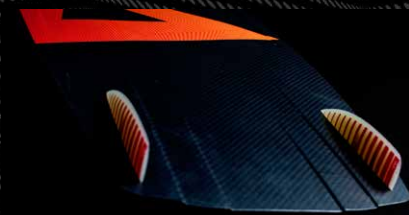
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# MR SIGNATURE

MARIO RODWALD

FREESTYLE | WAKESTYLE



135 x 40 | 138 x 41 | 141 x 42.5

## FACTS

- designed with 3x European Champion Mario Rodwald
- explosive pop
- maximum control on landings
- light weight carbon-fiberglass construction
- 3D channel and concave construction
- 3.5mm Wakestyle fins

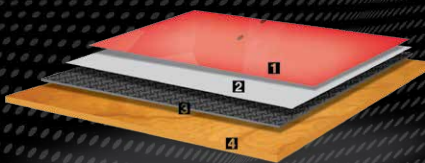
The Rodwald Signature is our high performance freestyle board. Together with 3x European Champion we have developed a premium construction that doesn't cut back on anything. The wood core and carbon stringers minimise weight and deliver huge pop and direct feedback. Mario added an extra stringer throughout the whole top to prevent negative flex when riding in boots. Choose the right stance from 73, 77 or 81cm.

The continuous rocker and the fiberglass construction absorb even the heaviest landings. Furthermore, the channel and concave construction allows you to ride smaller fins and provide maximum control on landings. Outline and rocker are designed to cut through chop smoothly - You gotta try this board for yourself, it will elevate your level!

## TARGET GROUP

This premium board is built for riders who want maximum control and handling for all wakestyle and freestyle moves.

## MR CONSTRUCTION



- 1 Nonskid, Artwork, Paint
- 2 Fiberglass
- 3 Carbon
- 4 Woodcore (paulownia, exotic wood)







# WATTS

**FREERIDE | FREESTYLE**



136x40 | 139x41 | 142x42

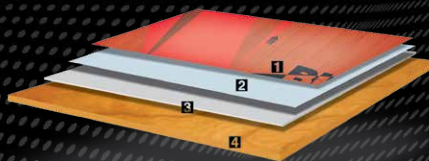
## FACTS

- maximum control
- wood core fiberglass construction
- best upwind ability through straighter tips
- double concave-channel construction for perfect handling
- biggest wind range

The Watts is defined by its double concave channel and wood core construction which make it the perfect crossover between freestyle and freeride. It not only has a huge range of use but can handle a massive wind range. The wider tips and the double concave deliver incredible upwind abilities and early planing at the same time. The controlled pop is perfect for huge boosts but also suits unhooked tricks. If you look for big controlled carves with some extra spray this is your board. A smooth but direct board with a huge range of use.

## TARGET GROUP

High performance enthusiast who loves to push his limits in freeriding and freestyle – no matter if going big or unhooked.



## WATTS CONSTRUCTION

- 1 Nonskid, Artwork, Paint
- 2 Biaxial Fiberglass
- 3 Uni Directional
- 4 Woodcore







# BLEND

LIGHT WIND | FREERIDE



135x40 | 142x42 | 148x44

## FACTS

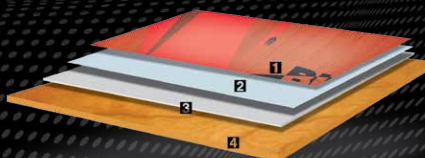
- best upwind ability
- earliest gliding for low wind
- easy handling
- big range
- wood core fiberglass construction

The Blend is the ultimate weapon for light winds. No matter if you want to be first when a light sea breeze kicks in or you want to blast through some moves on the lake this board provides super early planing. The wide tips, flat rocker and straight outline provide maximum upwind abilities. The handling is easy and also suits beginners on their first time on the board. This is the perfect board to keep in your truck, it guarantees a good session in any and all conditions.

## TARGET GROUP

High performance enthusiast who loves to push his limits in freeriding and freestyle – no matter if going big or unhooked.

## BLEND CONSTRUCTION



- 1 Nonskid, Artwork, Paint
- 2 Biaxial Fiberglass
- 3 Uni Directional
- 4 Woodcore











# SOLAR & SOLAR FOIL

## WAVE | FREERIDE



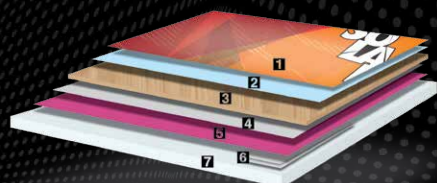
What makes the SOLAR FOIL unique is the forward thinking of offering it as well as having foil option. The first board of its kind worldwide having this feature, the SOLAR FOIL has all the options of the Solar and allows you to mount the foils from both Sword or Lift producers. Now you have one board that can do it all!!



162.7

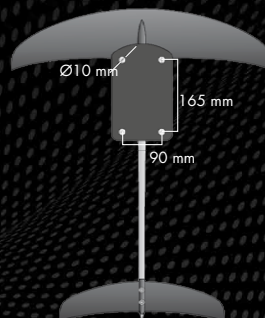


The wider shape enables the rider that just transitions from a twin tip board to a directional to easily learn both tacks and jibes while it still feels like a true wave board to the pro rider. Designed to work well in clean or blown out surf this innovative board has a single in double concave planing surface with an ever so slight V tapered off in the tail section. In order to give each rider the ultimate selection for set up the 5 Futures fin boxes allow you to choose if you want to ride this board as a quad or thruster. While this design will work very well in the waves, its reduced rocker and longer flat section make it the perfect board for lakes. While its overall shape allows for radical turns it also is designed to get you going in light winds and will be just as fun to use on lakes as your primary bump and jump machine.



## SOLAR CONSTRUCTION

- 1 Nonskid, Artwork, Paint
- 2 Glass Cloth
- 3 Bamboo Wood
- 4 Fiberglass
- 5 PVC
- 6 Fiberglass Reinforcement
- 7 Bullet Proof EPS Core



## NILS STOLZLECHNER

A wider stance set up as well as more volume increases the boards performance range. The winger tail shapes allows for a wider outline that keeps the turns powerful and fast. The optimized rocker line gives you speed when you want it, getting you back upwind with quick planing characteristics. The top of the line quality glass fiber sandwich construction is reinforced with wood on the deck and hull in stressed areas. All other stress zones get extra layers of glass to keep the boards tight.



# FLASH

## WAVE



5.6 | 5.8 | 6.1



For side-onshore conditions most notable in the European sector, the FLASH boards are purpose built to get moving quickly. The conservative continuous curve rocker line enables forgiveness when required. The relatively narrow tail section combined with the slight double concave bottom shape give this board a smooth ride that turns when you tell it to.

The wider outline offers stability to all riders at any level. A traditional winger tail generates more surface area giving the board extra lift and control in between turns. This unique blend of surf inspired rocker line and wide mid point outline equals perfect performance.

This series of boards comes with 5mm pads and insert options that allow all riders to find a comfortable stance. We use the Futures Fins system and their high performance fins to make sure you have the ultimate wave riding experience.

The FLASH range continues to innovate and progress while pushing the envelope to find the perfect balance for ripping in small to medium sized waves for anyone seeking some adrenaline.

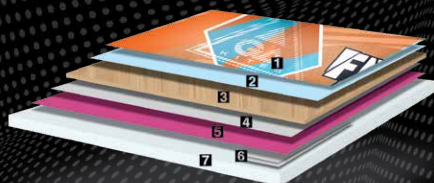
## NILS STOLZLECHNER

A wider stance set up as well as more volume increases the boards performance range. The winger tail shapes allows for a wider outline that keeps the turns powerful and fast.

The optimized rocker line gives you speed when you want it, getting you back upwind with quick planing characteristics.

The top of the line quality glass fiber sandwich construction is reinforced with wood on the deck and hull in stressed areas. All other stress zones get extra layers of glass to keep the boards tight.

## FLASH CONSTRUCTION



- 1 Nonskid, Artwork, Paint
- 2 Glass Cloth
- 3 Bamboo Wood
- 4 Fiberglass
- 5 PVC
- 6 Fiberglass Reinforcement
- 7 Bullet Proof EPS Core

## FIN DETAILS

- Thruster Future Fins
- 3x Future fins







# SLY

## WAVE



*When you want full control and maximum range this classic outline and rocker combo guarantee solid performance.*

*Made to be ridden strapless the board still comes with inserts if you need them. A double concave deck lets you know where your stance is at all times.*

*The fast rocker line holds you in to hollow waves and lets you carve radical turns with speed! This board craves mid- large sized waves with best surf performance.*

### SLY 6.4

*In addition to our successful Sly 5.8 we found the need to add a larger model to our wave line up. The Sly 6.4 as the same general characteristics as its smaller brother but we packed in more volume to suite larger riders and avid surfers that will be able to now use one board in the waves with kites or just paddle out and catch the great sets on windless days. Conservative in shape it has the single in double concave shape that Nils was the first to design on surfboards. Its revolutionary plaining surface creates a second to none feeling and control in waves. While reducing the overall rocker line that final tail kick still provides the ultimate turning radius. The flatter mid section enables you to get upwind and catch that next wave faster and adds speed to your ride.*

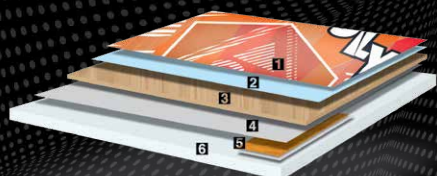


5.8 | 6.4

## NILS STOLZLECHNER

The top of the line quality glass fiber sandwich construction is reinforced with wood on the deck and hull in stressed areas.

All other stress zones get extra layers of glass to keep the boards tough. Fin shapes have been enhanced for less drag. The progressive rails allow powerful carving turns on this thruster set up. The option for straps is built in to give you the most of it.



### SLY CONSTRUCTION

- 1 Nonskid, Artwork, Paint
- 2 Glass Cloth
- 3 Bamboo Wood
- 4 Fiberglass
- 5 Fiberglass / Wood Reinforcement
- 6 Bullet Proof EPS Core

### FIN DETAILS

- Thruster Future Fins
- 3x Future fins







# PACER & PACER LTD

## FREERIDE / SLALOM



The Pacer is ready to go when you are! Step on and let her take you upwind with power and control.  
No matter what the wind conditions, this board is ready to handle the demands of light wind fun or high performance blasting!  
A versatile easy to turn, fun to ride game winner!



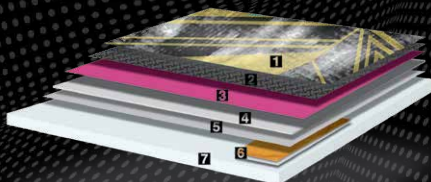
177

## NILS STOLZLECHNER

This free ride machine takes bits and pieces from the Jet board and capitalizes on early planing combined with a smooth ride to generate lightning fast speeds! It has a very high speed outline that lets you take the top end as far as you want. There are extra inserts for center strap location. Tuttle boxes allow for different fin combos. The Pacer comes stock with high power G-10 fins and a top of the line quality glass fiber construction sandwich is reinforced with wood on the deck and hull in high stress areas.

This gives the best balance of strength to weight ratio on the market. Finished off with a soft EVA foam deck gives extra comfort to this incredible board.

## PACER CONSTRUCTION



- 1 Nonskid, Artwork, Paint
- 2 Biaxial / Carbon
- 3 PVC
- 4 Fiberglass
- 5 Fiberglass Reinforcement
- 6 Fiberglass / Wood Reinforcements
- 7 Bullet Proof EPS Core

## FIN DETAILS

- G10 Fin
- 2x 34cm Slalom G10 in front
- 1x 32cm Slalom G10 in back

## ACCESSORIES

- 4 Footstraps
- All necessary hardware



# JET

## RACE / SLALOM



When you are serious about getting to the top mark first, the Jet delivers. High performance course racing requires low end acceleration as well as top end stability. The Jet has been refined for nearly a decade to deliver top of the line performance. Fin box placement, outline, footstrap positions are all set at the perfect location.

- Our state of the art build technology guarantees perfection from each and every board. If you want more low end and top end range with unbeatable upwind performance without compromising stability downwind, look no further than the JET, ready for takeoff!

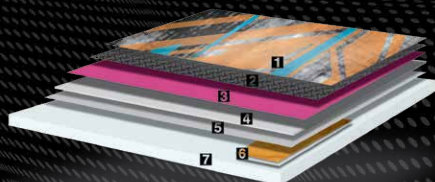


190

## NILS STOLZELECHNER

The Jet features tuttle fin boxes, as well as multiple stance options for taller and shorter riders. The JRT Layup has Biax Carbon construction offering unmatched performance and long term durability. The T-stringer prevents breakages while the double concave deck allows for easy maneuvering. The rails are optimized for fast and easy riding without compromise. Chicken strap ready!

## JET CONSTRUCTION



- 1 Nonskid, Artwork, Paint
- 2 Biaxial / Carbon
- 3 PVC
- 4 Fiberglass
- 5 Fiberglass Reinforcement
- 6 Fiberglass / Wood Reinforcements
- 7 Bullet Proof EPS Core

## FIN DETAILS

- 3x Tuttle Box (\* fins not included)

## ACCESSORIES

- 5x symmetrical straps (package includes footstraps)



# HARNESSES

## VOLT2

The all new Volt 2 doubles up on protection and comfort with a new cut that gives you ultimate freedom to move.

The generous amount of support comes from the GA 3D triangulated load bearing points that allows the bar to spread the loads over the entire support system. The new 3D look and feel will impress all users!

Revolutionary outline and styling-details set this harness apart from the rest. The integrated double strap construction makes it easy to adjust to your favorite settings. The flex and contour of the Volt 2 makes you comfortable both on and off the water.

The EVA support cushion is nicely integrated into the inside of the harness making it one of the best harnesses available. It comes with the BUSB v2 spreader bar to spread the loads- it also comes with the LQR function, a quick release for the LEASH to disconnect from your kite if things get ugly!

## TECHNOLOGY

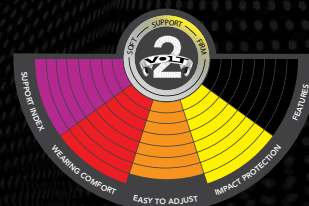
- The Double 3D shaping gives maximum support and integrates lumbar comfort
- State of the art technology combines the proofed "AMOR GUARD TECHNOLOGY" with a special harness outline, giving perfect support and freedom of move in any riding situation!
- The next generation of the "Spring Loaded Bolt" offers maximum comfort on and off. Best ergonomic and function ever!
- No pressure or stress points, everything is padded with soft neoprene
- A optimised shape and special material mix ensures best function for lumbar back area.
- The integrated Leach Quick Release offers more safety and keeps you out of potential trouble



C1



C2



## VOLT PRO

Shock therapy for the body, the VOLT PRO is our top of the line waist harness, brought to you in Double 3D! A revolution in itself, the cut combines ultimate support and all the freedom you need to move wherever the wind takes you.

The beauty of this harness is how it forms around the body and ergonomically adapts to your back. An integrated EVA cushion gives maximum comfort.

The integrated double strap construction allows the rider to easily adjust the harness for a supportive and comfortable ride. The BUSB offers maximum comfort on and off the water. The VOLT PRO comes with the LQR function, a quick release for the leash to disconnect your kite from the harness in case of emergency for maximum safety!

## TECHNOLOGY

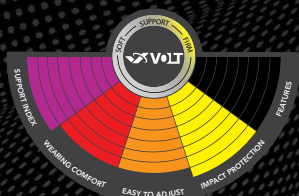
- 80 pieces of high end materials make the construction bomb-proof!
- The Double 3D shaping gives maximum support and integrates lumbar comfort
- The next generation of the "Spring Loaded Bolt" offers maximum comfort on and off. Best ergonomic and function ever!
- The integrated Leach Quick Release offers more safety and keeps you out of potential trouble
- No pressure or stress points, everything is padded with soft neoprene



C1



C2



### WAIST SIZE IN CM

ITEM	S	M	L	XL
VOLT 2	72	77	82	87
VOLT PRO	72	77	82	87
AMP	71	76	81	86
PEAK	72	77	82	87
FORCE	74	79	84	89



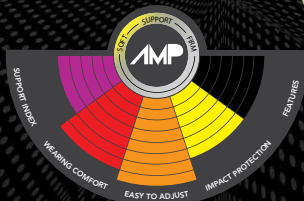
# AMP

Our lightweight and simple harness offers you comfort, flexibility and maximum durability. From freestyle to huge rotations in big winds, the AMP can handle anything you throw at it.

The EVA back pad gives protection and support to the rider. It has a built in suicide leash and keeps you ready for any action. The BUSB spreader bar has an integrated knife pocket and everything is padded with soft neoprene to eliminate any pressure points. When comfort is key, take a turn on the AMP.

## TECHNOLOGY

- No pressure or stress points, everything is padded with soft neoprene
- The next generation of the "Spring Loaded Bolt" offers maximum comfort on and off. Best ergonomic and function ever!
- A special material mix with focus on best strength to weight ratio results in an extraordinary light weight harness technology



# PEAK

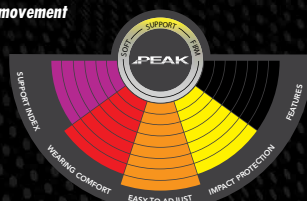
The all new PEAK has been developed by our team as a "little brother" to the ever popular VOLT. It has a narrower profile that allows more freedom of movement. The double 3D shape is there for ultimate support that will keep you going all day long. Lumbar support is key for long lasting sessions.

The Peak delivers with the unique shaping characteristics that are built in to the harness. A single strap construction keeps things simple while maintaining easy and rigid adjustment.

The BUSB provides comfort on and off the water. A padded spreader bar rounds out the package making this one of our favorite harnesses to date.

## TECHNOLOGY

- No pressure or stress points, everything is padded with soft neoprene
- The Double 3D shaping gives maximum support and integrates lumbar comfort
- The next generation of the "Spring Loaded Bolt" offers maximum comfort on and off. Best ergonomic and function ever!
- Low Profile Construction for strong support and free movement



C1



C2

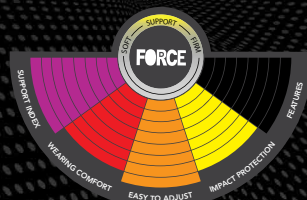
# FORCE

Once you lock in to the comfort of our seat harness you will realize the benefits. Uncompromising style and comfort. The FORCE is equipped for all riders from the novice right up to the pro racer.

A medium hook position combined with the multi strap system allows you to tune the harness to your liking. Extra leg straps and a safety belt make sure the hook does not slide around. Ample padding and a grab handle make this the most comfortable seat harness out there.

## TECHNOLOGY

- No pressure or stress points, everything is padded with soft neoprene





# ACCESSORIES

## BOARD BAGS

### TWIN TIP SINGLE BAG

- 140cm x 43cm
- 160cm x 46cm



### SURF KITE BOARD BAG

- 165cm x 55cm
- 200cm x 55cm



### TRAVEL BAG

- L 155cm (with wheels)
- XL 180cm (with wheels)
- XXL 200cm (with wheels)

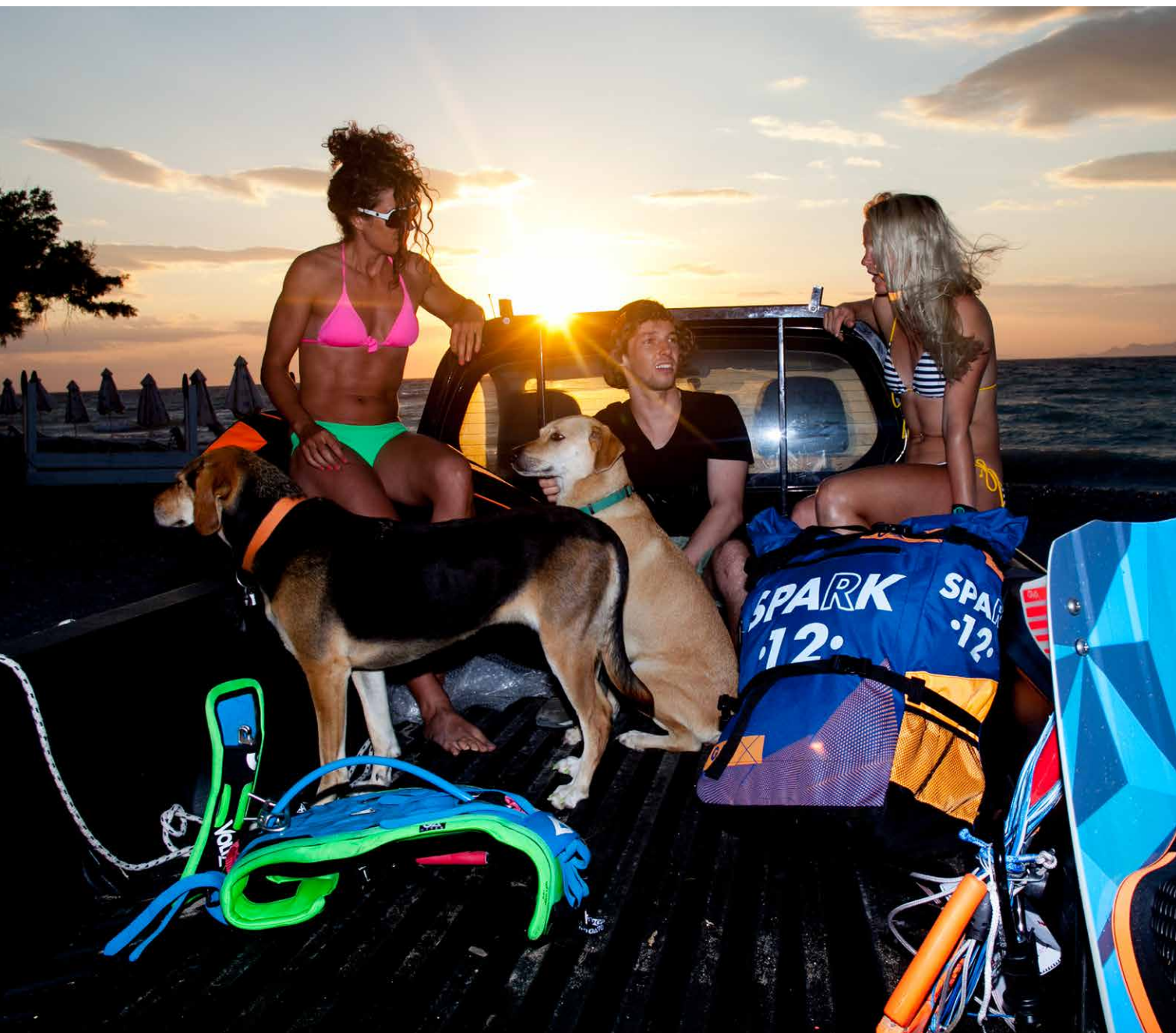


### KITE RACE BAG

- 190 x 70 cm
- (with extra long fin zippers)







## BUCKLE UP SPREADER BAR

### MAXIMUM COMFORT

The BUSB offers maximum comfort on and off the water. Easy to operate, quick to get on and off.

### Construction details

- Snap closure technique - PAT.NR. 201120246752.8
- Super soft padded corners and seams
- integrated knife pocket
- SIZE: 23 or 26 cm





# TECH SPECS

## SPARK

SPECS / MODEL	LINE TYPE	STRUTS	BAR WIDTH (in cm)	FLAT AREA (m <sup>2</sup> )	PROJ. AREA (in m <sup>2</sup> )	FLAT AR	WIND- RANGE	PROJ. AR	FLAT WING- SPAN (in cm)
SPARK 3	4 LINE	3	46	3	2.11	4.73	25 - 50+	2.74	376
SPARK 5	4 LINE	3	46	5	5.51	4.72	20 - 45+	2.73	485
SPARK 6	4 LINE	3	46	6	4.21	4.72	18 - 35	2.73	531
SPARK 7	4 LINE	3	46	7	4.91	4.72	17 - 33	2.73	574
SPARK 8	4 LINE	3	46	8	5.62	4.72	16 - 32	2.73	613
SPARK 9	4 LINE	3	52	9	6.32	4.72	15 - 30	2.73	65
SPARK 10	4 LINE	3	52	10	7.02	4.72	14 - 29	2.74	686
SPARK 11	4 LINE	3	52	11	7.72	4.72	13 - 28	2.74	720
SPARK 12	4 LINE	3	52	12	8.42	4.72	11 - 25	2.75	751
SPARK 14	4 LINE	3	52	14	9.83	4.72	08 - 22	2.75	811



## JET

SPECS / MODEL	LINE TYPE	STRUTS	BAR WIDTH (in cm)	FLAT AREA (m <sup>2</sup> )	PROJ. AREA (in m <sup>2</sup> )	FLAT AR	WIND- RANGE	PROJ. AR	FLAT WING- SPAN (in cm)
JET 7	4 LINE	5	46	7	5.06	5.2	20 - 40	3.1	603
JET 9	4 LINE	5	46	9	6.51	5.5	14 - 35	3.28	704
JET 12	4 LINE	5	52	12	8.68	5.5	10 - 25	3.28	812
JET 15	4 LINE	5	52	15	10.84	5.5	07 - 21	3.28	908
JET 18	4 LINE	5	52	18	13.01	5.5	05 - 16	3.28	995





# PURE

SPECS / MODEL	LINE TYPE	STRUTS	BAR WIDTH (in cm)	FLAT AREA (m <sup>2</sup> )	PROJ. AREA (in m <sup>2</sup> )	FLAT AR	WIND- RANGE	PROJ. AR	FLAT WING- SPAN (in cm)
PURE 5	4 LINE	3	46	5	3.46	4.78	22 - 45+	2.82	489
PURE 6	4 LINE	3	46	6	4.15	4.78	20 - 35	2.82	535
PURE 7	4 LINE	3	46	7	4.84	4.78	19 - 36	2.82	578
PURE 8	4 LINE	3	46	8	5.54	4.78	16 - 32	2.83	618
PURE 9	4 LINE	3	52	9	6.23	4.78	14 - 29	2.83	655
PURE 10	4 LINE	3	52	10	6.92	4.78	12 - 25	2.84	691
PURE 11	4 LINE	3	52	11	7.62	4.78	13 - 28	2.84	725
PURE 12	4 LINE	3	52	12	8.31	4.78	11 - 25	2.85	757
PURE 13	4 LINE	3	52	13	9	4.78	10 - 23	2.85	788



# PACT

SPECS / MODEL	LINE TYPE	STRUTS	BAR WIDTH (in cm)	FLAT AREA (m <sup>2</sup> )	PROJ. AREA (in m <sup>2</sup> )	FLAT AR	WIND- RANGE	PROJ. AR	FLAT WING- SPAN (in cm)
PACT 6	5 LINE	5	TBA	6	TBA	TBA	20 - 35	TBA	TBA
PACT 7	5 LINE	5	TBA	7	TBA	TBA	19 - 36	TBA	TBA
PACT 8	5 LINE	5	TBA	8	TBA	TBA	16 - 32	TBA	TBA
PACT 9	5 LINE	5	TBA	9	TBA	TBA	14 - 29	TBA	TBA
PACT 10	5 LINE	5	TBA	10	TBA	TBA	12 - 25	TBA	TBA
PACT 11	5 LINE	5	TBA	11	TBA	TBA	13 - 28	TBA	TBA
PACT 12	5 LINE	5	TBA	12	TBA	TBA	11 - 25	TBA	TBA
PACT 13	5 LINE	5	TBA	13	TBA	TBA	10 - 23	TBA	TBA





MR SIGNATURE  
MARIO RODWALD

SPECS / MODEL	MR SIGNATURE 135	MR SIGNATURE 138	MR SIGNATURE 141
LENGTH (cm)	135	138	141
WIDTH (cm)	40	41	42.5
ROCKER	continuous rocker	continuous rocker	continuous rocker
STANCE (min/max) (cm)	44-52	44-52	44-52
FINS	3,5 cm G10 Wakestyle	3,5 cm G10 Wakestyle	3,5 cm G10 Wakestyle



## WATTS

SPECS / MODEL	WATTS 136	WATTS 139	WATTS 142
LENGTH (cm)	136	139	142
WIDTH (cm)	40	41	42
ROCKER	continuous rocker	continuous rocker	continuous rocker
STANCE (min/max) (cm)	44-48	44-48	44-48
FINS	4,5 cm G10 Freeride	4,5 cm G10 Freeride	4,5 cm G10 Freeride



## BLEND

SPECS / MODEL	BLEND 135	BLEND 142	BLEND 148
LENGTH (cm)	135	142	148
WIDTH (cm)	40	42	44
ROCKER	continuous rocker	continuous rocker	continuous rocker
STANCE (min/max) (cm)	44-48	44-48	44-48
FINS	4,5 cm G10 Freeride	4,5 cm G10 Freeride	4,5 cm G10 Freeride



## SOLAR

SPECS / MODEL	SOLAR BAMBOO	SOLAR FOIL BAMBOO
LENGTH (cm)	162.7	162.7
THICKNESS (cm)	5.4	5.4
WIDTH (cm)	53.4	53.4
STANCE (min/max) (cm)	63 / 80	63 / 80
WEIGHT (kg) *	3.5	3.5
VOLUME (ltr)	27.8	27.8
FINS	3x Future V2FEA	3x Future V2FEA
FIN BOX	5x Future Box	5x Future Box, Foil Mount





# FLASH

SPECS / MODEL	FLASH 5.6 BAMBOO	FLASH 5.8 BAMBOO	FLASH 6.1 BAMBOO
LENGTH (cm)	167.6	172.7	185.4
THICKNESS (cm)	5.2	5.7	6.4
WIDTH (cm)	49.1	50.3	52.5
STANCE (min/max) (cm)	63 / 76	63 / 76	63 / 80
WEIGHT (kg)	3.8	3.9	4.0
VOLUME (litr)	25.5	28.2	35.9
FINS	3x Future S4	3x Future S6	3x Future V2FEA
FIN BOX	3x Future Box	3x Future Box	3x Future Box



# SLY

SPECS / MODEL	SLY 5.8 BAMBOO	SLY 6.4 BAMBOO
LENGTH (cm)	172.7	193
THICKNESS (cm)	5.8	5.7
WIDTH (cm)	49	50
STANCE (min/max) (cm)	63 / 80	63 / 80
WEIGHT (kg) *	3.5	3.9
VOLUME (litr)	26.7	28.3
FINS	3x Future V2FEA	3x Future V2FEA
FIN BOX	3x Future Box	3x Future Box



# PACER

SPECS / MODEL	PACER	PACER LTD
LENGTH (cm)	177	177
THICKNESS (cm)	8.7	8.7
WIDTH (cm)	64.6	64.6
STANCE (min/max) (cm)	-	-
WEIGHT (kg) *	5.6	5.4
VOLUME (litr)	64	64
FINS	3x T-Lab HW	3x T-Lab HW
FIN BOX	3x Tuttle	3x Tuttle



# JET

SPECS / MODEL	Jet
LENGTH (cm)	190
THICKNESS (cm)	10.3
WIDTH (cm)	69.8
WEIGHT (kg) *	6.2
VOLUME (litr)	94.2
FINS **	-
FIN BOX	3x Tuttle



\* Estimated Weights. Weights are given (+) plus or (-) minus 10%. This makes allowance for possible pre-production differences.  
 \*\* no fins included!









GAASTRA.COM

THE ART TO BE AHEAD



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