

**GUNSAILS**



W E L



# C O M E

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**GUNSAILS**



# A B O U T U S

## WELCOME TO GUNSAILS 2019

After a successful brand relaunch in 2018 and now with more than 30 years of experience, we are starting the next season full of excitement.

Outstanding quality in products and service have priority at GUNSAILS as usual. Thanks to our direct distribution structure we are closer to our customers than any other windsurf brand. Directly and uncomplicated, we can respond to every request of our customers and offer first-class products at the best price.

The familiar character of our company also remains a major priority for us. Last year we could once again welcome many passionate windsurfers to the GUNSAILS Family, including new customers, ambassadors, employees and team riders. We all share the passion for the most beautiful sport in the world.

In addition to continuous improvement of our existing products, our R & D team has put full commitment into the development of several new products for 2019.

These include our newest addition to the wave sails, the Horizon, as well as a completely redesigned GS-R range with new levels of performance. Also, our multi talent Torro, was extended by a Freeride version, the Torro FR. In addition, we present our harness collection with 5 brand new models.

A revolutionary innovation in the field of sail design is our BOW sail. With its completely new sail concept it offers a familiar but yet completely new windsurfing experience.

We are curious where this path will lead us in the future. We are looking forward to upcoming innovations, countless days on the water and of course many new members in the GUNSAILS Family.

**#jointhefamily**





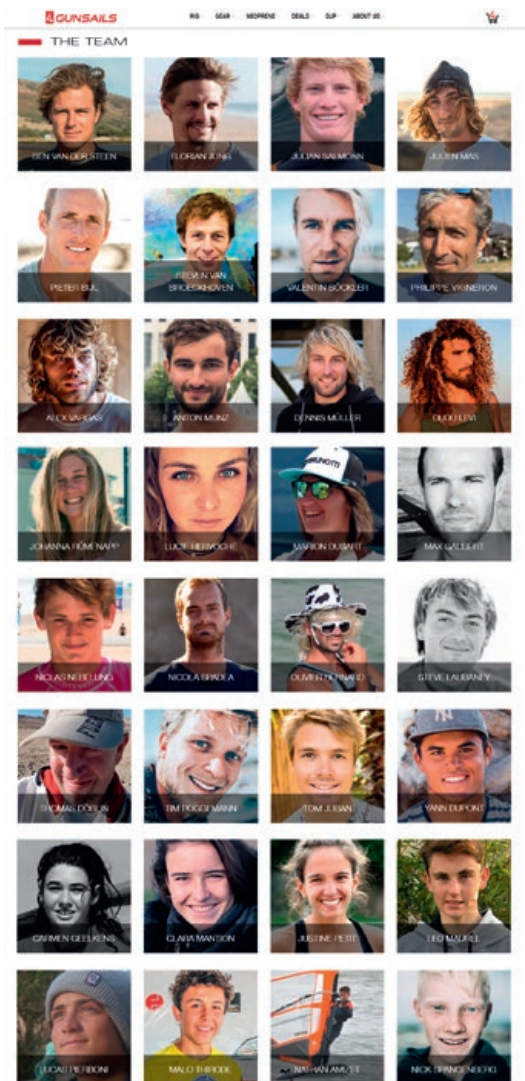


## MEET THE TEAM

The GUNSAILS team consists of international and national professional surfers and is an essential part of the GUNSAILS Family. When it comes to selecting our team members, we focus on long-term cooperation with talented windsurfers, who embody the passion for windsurfing as much as we do. What counts for us is not the triple loop, but great characters, stylish moves and a good knowledge of windsurfing and our gear. The feedback of our team is also an essential factor for the continuous development of all our products.

Together we want to promote windsurfing, produce unique stories, photos and videos and share our team's skills with you. That's exactly why we introduce the video series Pro Advice for 2019. Next to our team we also count a selected group of Ambassadors to the GUNSAILS Family. You don't necessarily have to be a professional to spread the fascination for windsurfing.

You can find all information on our website in the Team section and in our new blog. Have a look!







# YOUR RIDE

## DIRECT DISTRIBUTION

GUNSAILS goes the direct way - for more than 30 years.

Thanks to our direct sales structure, we can offer you the best from the world of windsurfing at significantly lower prices. We unite all aspects in one company: from the development and monitoring of the production, the individual purchase advice up to the shipping and the customer service.

Our extensive product knowledge is reflected in our expert advice. You have a direct line to our brand and benefit from „short ways“, this applies to consulting, ordering and, not to forget, after sales service. Just like you, we are passionate windsurfers and always pursue one goal: excellent service for satisfied customers.

This passion has been reflected for years in the excellent test results of the international trade press, which every time confirm the almost proverbial „best price-performance ratio“. In addition, GUNSAILS has consistently taken first place in the surf magazine survey since 2011 when the question is asked: Which sail would you like to buy next? For us, this is a sign of confidence of which we are very proud.

Come and see for yourself our quality and service. We are happy to be your partner around windsurfing.



## GUNSAILS



**CUSTOMER**



## [WWW.GUNSAILS.COM](http://WWW.GUNSAILS.COM)

The heart of our business is of course our online shop [www.gunsails.com](http://www.gunsails.com). You won't find your new sail faster and easier. More than 70% of all orders reach us via the Internet. Whether as a guest or registered customer, an online order at GUNSAILS is easy and secure.

To most products you'll find more information in the online shop than it would be possible here in the catalogue. Use the search function, watch list or even the product comparison, all useful features that can help you with your purchase decision. And if you still have a question, you can of course call us or send us an e-mail.

### **SOCIAL MEDIA**

In order to stay in touch with you at all times, you can find us on social media channels such as Youtube, Facebook and Instagram. Here too, we go the direct way. The contents, maintenance and also reactions to your comments and messages are not outsourced to an external agency, they are treated here in our headquarter.

### **NEWSLETTER**

Our newsletter is also a good way to stay in touch with us. New products, team rider news, tradeshow and events or special deals, here you will be the first to know. You can subscribe to the newsletter free of charge on our homepage. The registration procedure is in two steps (double opt in). Don't forget to click on the confirmation link, otherwise you won't get it. And don't worry, we won't spam you your e-mail account. Every 3-4 weeks we will inform you about news at GUNSAILS. Of course, you can unsubscribe at any time via a link in every newsletter.





# CONNECTION

## GOOD REASONS FOR GUNSAILS

### **DIRECT CONTACT**

You can reach us personally from Monday to Friday from 9-18h.  
Phone: +49 (0) 6893 80 110

### **EASY SHOPPING VIA ONLINE**

Open around the clock, seven days a week: The GUNSAILS Online Shop.  
[www.gunsails.com](http://www.gunsails.com)  
E-Mail: [service@gunsails.de](mailto:service@gunsails.de)

### **FIVE PAYMENT METHODS**

You can currently choose from five payment options at GUNSAILS:  
By credit card (Visa or Mastercard)  
Via PayPal  
Cash on delivery  
Prepayment  
By SEPA direct debit

### **PROFESSIONAL SHIPPING**

We deliver with well-known parcel services (UPS, DHL) or forwarding agencies, so that your order arrives safe and reliable.

### **LOW SHIPPING COSTS**

You can find our flat rates for deliveries to your country on our homepage.  
If your country should not be mentioned, please contact us, we will be pleased to find out the best way to ship to your address.

### **GUARANTEE OF QUALITY**

We are convinced of our product quality. GUNSAILS products are subject to strict quality control and are tested all year round by our team. Should you still have a complaint, we are your direct contact and will help you.  
We give 24 months warranty on sails and masts, 12 months on all other articles.

### **MONEY BACK GUARANTEE**

You don't like an item and you want to return it. No problem, send the item back to us within 14 days and we will refund the purchase price immediately.  
For bulky items you can contact us and we will take care of the return.

### **THE SERVICE PROFESSIONALS**

You need your sail repaired? You need a spare part? Do you need a direct shipment to the campsite during your holidays? You are still looking for a gift for your surf buddy. Just talk to us. We will be happy to find a simple and quick solution and we are often very creative.







# R & D

T A R I F A S A I L  
D E V E L O P M E N T



## — GUNSAILS PRODUCT DEVELOPMENT

The R&D department Tarifa Sail Development is an essential part of the GUNSAILS brand. 30 years of experience meet the unique windsurfing and construction know-how of our development team. Here, all components of a windsurf sail are combined together. The most varied properties of the materials, as well as the bending curve of the mast, are brought into harmony with the construction and graphic design of each individual sail. At the same time, the requirements for application-specific performance and quality must be met. It is often underestimated how much time and dedication is invested on the way from the first prototype to the finished serial sail.





**RENATO MORLOTTI**  
The Sail Designer



**PHILIPPE VIGNERON**  
Head Tester



**THILO V. OSTERHAUSEN**  
Product Developer



**PIETER BIJL**  
Performance Manager

## — A HARMONIOUS TEAM WORK

Behind all this is the qualified sail designer Renato Morlotti, whose eye for detail is reflected in every sail. For 20 years now, his talent and precision have been regularly producing top-ranked products in the trade press. Together with head tester Philippe Vigneron, the perfection of sails and accessories is refined year after year. New prototypes are tested and improved almost daily. The requests of our team riders as well as the feedback of our customers and ambassadors also flow into the new sail collection. Performance Manager Pieter Bijl supports the sail development and continuously improves individual sail components. Over the past two years, Pieter, together with Renato, has developed our latest innovation, the Bow sail. After countless hours, an idea was turned into a series-ready sailing concept with an existing patent-pending.

Thilo von Osterhausen, son of the company's founder, is now coordinating product development for the second year in a row and is renewing the R & D structure of the company. With two further development sites, in Germany and in Holland, as well as a further increase in engineers, the innovation potential of the GUNSAILS brand has once again expanded. With the enthusiasm for windsurfing and various insights into the entire board sports scene, improvements and innovations can still be found in an already very mature sports segment. Therefore, some new developments in various areas can be expected in the coming years.

## — FOUR STEPS TO QUALITY

GUNSAILS is defined by first-class quality. This is not only reflected in all our products but also in our customer service. Thanks to our direct sales structure, we can offer this quality at the best price.

But what exactly is behind our quality promise? With more than 30 years of experience, we have a clear concept of how to meet our quality requirements and continuously improve our products.

### **Step 1:** Durable and long-lasting product design

Through the use of premium materials in combination with a clever and stable construction, we achieve durability and low weight at the same time.

### **Step 2:** Long term cooperation with our production facilities

Thanks to our experience and long-term cooperation with our production partners, our development and the production go hand in hand. Good communication and transparency in production are one of the key factors to reach our demands in quality.

### **Step 3:** Quality control

Trust is good, control is better. Quality control takes place on a regular basis not only in production, but also at the arrival of the products in our stock. Like that we can ensure that every GUNSAILS product keeps its promise to performance and quality.

### **Step 4:** Continuous development

In our continuous development we consider the feedback of our customers, team riders as well as the know-how of our R & D department. Thus, the GUNSAILS quality is the result of the cooperation of many passionate windsurfers.

### **What if?**

Exceptions prove the rule. If you have the impression something is not the way you expect it to be, our friendly service team will be happy to help.





# S A I L T E C H

## PERFECTION IN MATERIAL AND WORKMANSHIP

Our sail designer Renato Moriotti is not only responsible for the performance of the sails, he also takes care of every single detail of the workmanship. As a qualified sailmaker, he passes on his knowledge to all those involved in production and trains the team for the special quality requirements that our sails must meet. No matter which model you choose, you will receive a quality-tested GUNSAILS sail with a 24-month guarantee.



## CROSS BATTEN CONCEPT



### CROSS BATTEN CONCEPT



Often used in flatwater sails with a big surface in the boom area. The longest batten of the sail starts under the boom and ends above the clew. In this area the deepest profile as well as the largest surface of the sail is located. The Cross Batten stabilizes this area, especially when pumping. The pressure point remains stable.

## SBS



### SYMMETRICAL BATTEN SYSTEM



The alternating arrangement of the sail battens on the front and back of the sail allows a balanced tension and weight ratio. With this feature you have the same sail feeling, no matter which direction you are driving.



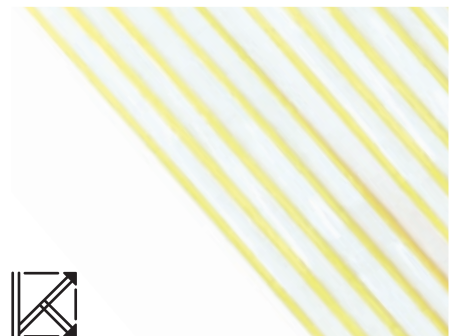
### INTELLIGENT MATERIAL ASSEMBLY

The well-designed combination of different materials allows weight savings without losing stability. By varying the stretch behaviour of the individual materials, we can precisely define each sail profile under pressure and guarantee you consistent sail characteristics over the long term.



### TENSION FRAME

The Tension Frame forms a functional unit with the smart clew construction. The Tension Frame holds the force from the clew and distributes the tension with the additional warp lines into the sail. The layout of the Tension Frame is designed to support the individual profile of every sail. Conclusively the Tension Frame improves the response of the sail and increases the profile stability. The stability of the construction ensures long term consistent sail characteristics.



### KEVLAR STRETCH CONTROL

The targeted use of Kevlar Warp laminate allows us to precisely determine the stretch characteristics of each sail, ensuring a consistent sail profile and more response. The extremely light, unidirectional Kevlar threads have a very low stretch, even under highest loads. They are specifically positioned in each sail depending on its area of use. With Kevlar Stretch Control you will permanently find consistent characteristics and performance in your sail.



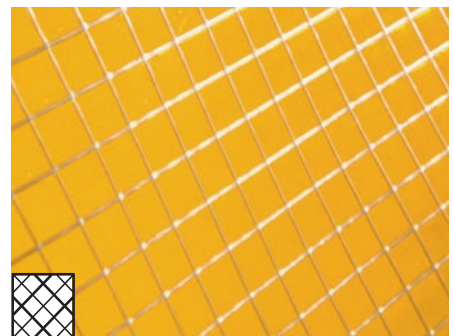
### X-PLY

The all-time classic of the reinforced laminates. X-Ply does withstand higher punctual stress. In case of a cut, the threads avoid further damage. X-Ply is light, stable and has a good transparency. Therefore, it is used in the window area of the Wave- and Cross Over Sails.



### MULTIDIRECTIONAL X-PLY

Multidirectional X-Ply is used in high stress areas. The thread layout shows a higher density of polyester yarn, thus making the material more resistant than the regular X-Ply. The additional vertical thread direction allows the material to take more tension and force in the critical tension line.



### SQUARE-PLY

The Square-Ply is based on the same concept as X-Ply material. However, the threads are aligned in a 90 degree angle and the material offers a higher overall thread density. That allows us to reduce the thickness of the included monofilm to save weight, but ensure durability at the same time.





# S A I L



## FUNCTIONALITY AS A STANDARD

In order to guarantee the functionality, easy handling and longevity of our sails, we have developed various features over the years and made them our standard. The individual details show once again the dedication and precision of our sail designer Renato Morlotti. An important aspect that makes our quality possible and distinguishes us from other sail brands.



# F E A T U R E S



## — F.R.E.D. Fast Rigging Easy Doing

F.R.E.D. will help you to find the optimal luff trim for your sail. The mark is found in the upper sail window. Simply trim the luff rope until the loose leech reaches the FRED mark.



## — 2 YEARS WARRANTY

No matter which sail you choose, you will receive a quality-tested GUNSAILS sail with a 24-month warranty.





### MESH POCKET

On the inside of the protector you will find a mesh pocket which can hold e.g. your rope surplus.



### MAST FOOT PROTECTOR

The mast foot protector can be pulled back whilst rigging. The webbing strap eases the initial pulling down of the sail. The uphaul can be comfortably inserted through an opening in the protector.



### COMFORT PULLEY

The integrated triple pulley has large easy turning stainless brass rolls which greatly reduce the effort required for sail trimming. Also, if you prefer, the rolls are removable to allow the use of standard downhaul pulley hooks.



### BOOM POSITION CONTROL

The printed height scale at the boom opening helps you to easily remember your personal boom position.



### TRIM SETTING

The mast length is patched on the mast protector. The boom length is printed beside the clew.



### STRAP ON

After rolling up the sail, simply attach the bungee rope and the sail can be stowed away easier and more space-saving.



### OFFSET CLEW

The wave sails are equipped with two clew eyelets which are set asymmetrically for individual tuning.  
> Upper eyelet for more power  
> Lower eyelet for more control



### SMART CLEW CONSTRUCTION

The Smart Clew Construction is based on the tension specific and precise alignment of different materials. The result is an extremely durable clew area without additional weight. The Clew Construction setup, which varies depending on the type of sail, defines the direction in which tension and force are transmitted from the clew to the sail, thus supporting the stability of the profile.



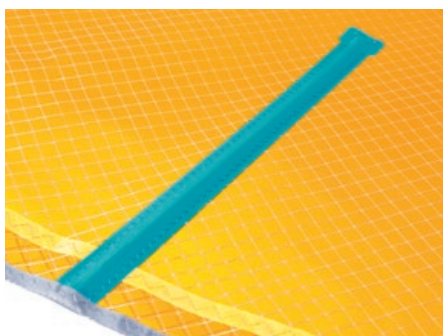
### REDUCED BOOM LENGTH

#### Shorter boom > better handling and control

For wave and cross over sails as well as for the freeride sail Stream, a concave cut is used from the batten above the boom to the clew, reducing the distance from the mast to the clew.

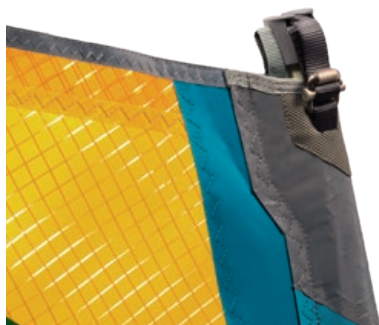
On the more performance-orientated flatwater sails, the RBL cut is made directly on the batten above the clew and the eyelet is shifted inwards by up to 12 cm.





#### MINI BATTENS

Lightweight mini battens take control of the leech while twisting and avoid detrimental leech flutter. By that, the window fabrics are prevented from damage and the longevity of the sail is increased.



#### TOP GUARD

The large reinforcement at the sail top avoids abrasion and wearing out whilst rigging.



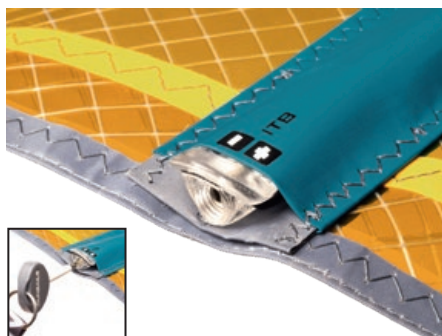
#### VARIO TOP

With some sails a Vario Top is used, which also allows the use of a longer mast. An additional strap loop is sewn on top of each sail. It serves to hook in the sail if you want to pull out the mast.



#### SLEEVE VOLUMER

The sewn PVC label keeps the mast sleeve open at the boom opening like a clasp making it easier to insert the mast.



#### INTERNAL TRIM BATTEN

The Internal Trim Batten system is completely integrated into the batten pocket. The battens can stay tensioned in the sail. The fine adjustment ensures an optimal trim. The profiled end piece offers additional protection against abrasion. An Allen key to tension comes with each sail.



#### BATTEN GUARD

PVC logo labels on the upper batten pockets prevent wearing out and abrasion whilst rigging.



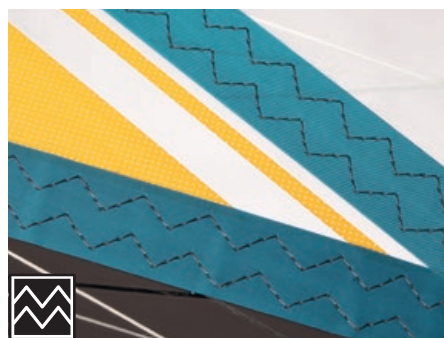
#### FOOT GUARD

All seams in the significantly stressed foot area are protected by Dacron coverings. A PVC edging at the sail foot protects the leech edge against your board's nonslip coating.



#### POCKET GUARD

A PVC cord, sewed on the bottom batten pocket, protects your sail from abrasion while uphauling and waterstarting.



#### DOUBLE LOCK SEAMS

Double seams form the most stable connection between individual panels and different materials. They are used in stress zones as well as in areas of high tension and make your sail robust and durable.



# SEAL

4 - B A T T E N  
C O M P A C T W A V E









**SURF MAGAZINE**  
1-2 / 18

” Power package with a lot of drive and a very large wind range in one trim and in total.  
”



KEVLAR STRETCH  
CONTROL



DOUBLE LOCK  
SEAMS



SMART CLEW  
CONSTRUCTION



MD X-PLY



TENSION  
FRAME





FLO JUNG  
G-21

”

The SEAL has clearly improved.  
The pressure point is even more stable.  
Now I can give 110% in the waves.

”

# SEAL

4 - B A T T E N  
C O M P A C T W A V E

Our new 4-Batten Compact Wave Sail is ready for its second season. The Seal continues to embody uncompromising wave characteristics: absolutely neutral when riding waves, precise ON/OFF in combination with exactly the right amount of power.

With the new arrangement of Square-Ply and multidirectional X-Ply in the upper part of the sail, the Seal is not only lighter but also more stable in its pressure point. This improves the overall handling of the sail as well as the profile stability during manoeuvres. With this unique balance and the slightly set back pressure point, the sail provides the necessary drive on demand.

The Kevlar Warp Line in the main window additionally supports the radical wave capability of the sail.

Two unidirectional Kevlar threads absorb the extreme forces, support the profile and ensure long term consistent riding characteristics.

The mast curve of the small sizes has been adjusted to further stabilize the profile even under extreme conditions.

This keeps the Seal light and controllable even in high winds.

Thus the new Seal delivers all the characteristics of a radical wave sail, but still remains the playful wave all-rounder with a wide wind range.

## KEY FACTS

- > 4-Batten Compact Wave Sail with reduced weight
- > Compact outline for radical wave riding, precise ON/OFF
- > Offset Clew: two eyelets allow adaptation of the sail for power or control
- > 100% X-Ply for extreme use, light Square-Ply in the top
- > Preference for RDM, but SDM still possible

## PROGRAM



## CHARACTER



## SPECIFICATIONS

Size sqm	Boom cm	Luff cm	Battens	Top	IMCS	Best mast	Mast cm	Mast Ø	Sail price EUR
3.2	143	355	4	vario	15-17	Expert / Select	340/370	RDM/SDM	399,-
3.5	145	356	4	vario	15-17	Expert / Select	340/370	RDM/SDM	435,-
3.7	147	359	4	vario	15-17	Expert / Select	340/370	RDM/SDM	439,-
4.0	152	362	4	vario	15-17	Expert / Select	340/370	RDM/SDM	445,-
4.2	157	367	4	vario	15-17	Expert / Select	340/370	RDM/SDM	455,-
4.5	161	385	4	fix	16-18	Expert / Select	370	RDM/SDM	465,-
4.7	165	388	4	fix	16-18	Expert / Select	370	RDM/SDM	475,-
5.0	169	393	4	vario	17-19	Expert / Select	370/400	RDM/SDM	485,-
5.3	175	414	4	fix	18-20	Expert / Select	400	RDM/SDM	489,-
5.7	180	422	4	fix	18-20	Expert / Select	400	RDM/SDM	499,-



# HORIZON

P O W E R  
W A V E





# HORIZON

P O W E R  
W A V E

Our new generation of wave sail in the GUNSAILS range combines characteristics of the Transwave and the Peak.

With 5 battens and a slightly deeper profile, the Horizon introduces itself as a Power Wave sail. This results in profile stability and drive with that bit extra in acceleration and planing power.

The use of Square-Ply in the top makes the handling even better compared to its predecessor Transwave.

The new, evenly opening leech construction guarantees a huge wind range and gives the Horizon immediate reactivity.

With a flatter profile above the boom, the unique push can be combined with a reliable ON/OFF.

The smaller sizes, including 5.0, show distinct radical wave characteristics. With a more compact outline and a lower bending curve, the profile flattens and becomes slightly softer. This helps the sail to remain direct but still forgiving in order to be easily controllable in high winds.

The new Horizon is probably the most adaptable wave sail of the GUNSAILS era. With a clear wave and high wind focus in the small sizes, it becomes a powerful Power Wave Sail starting from size 5.3. It offers exactly the characteristic which the respective wind strength demands. This ability increases the wind range and guarantees pure windsurfing pleasure, also outside the wave.

## KEY FACTS

- > Extra power for planing and lift
- > Wide range from radical to power wave
- > Offset Clew: two eyelets allow adaptation of the sail for power or control
- > 100% X-Ply for extreme use
- > Preference for RDM, but SDM still possible

## PROGRAM



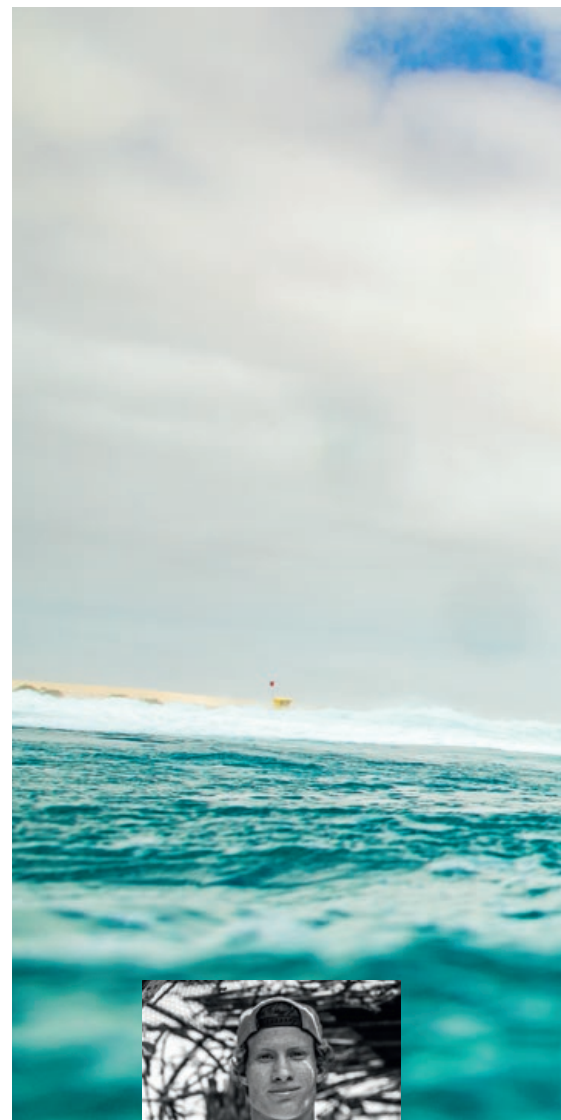
## CHARACTER



## WINDSURF UK 11-12 / 18

Representing excellent value for money, the Horizon provides assured, dependable power and real practicality for everyday coastal use; from high wind blasting to tackling tough cross-onshore wave spots.

”



## JULIAN SALMONN G-901

The handling and power make the HORIZON the perfect sail for my driving style. The more compact outline makes a positive impact in strong wind.

”





## SPECIFICATIONS

Size sqm	Boom cm	Luff cm	Battens	Top	IMCS	Best mast	Mast cm	Mast Ø	Sail price EUR
<b>3.7</b>	146	365	5	vario	15-17	Expert / Select	340/370	RDM/SDM	<b>439,-</b>
<b>4.0</b>	150	381	5	vario	16-18	Expert / Select	370	RDM/SDM	<b>445,-</b>
<b>4.2</b>	157	387	5	vario	16-18	Expert / Select	370	RDM/SDM	<b>455,-</b>
<b>4.5</b>	161	389	5	vario	16-18	Expert / Select	370	RDM/SDM	<b>465,-</b>
<b>4.7</b>	165	395	5	vario	16-18	Expert / Select	370	RDM/SDM	<b>475,-</b>
<b>5.0</b>	169	418	5	fix	18-20	Expert / Select	400	RDM/SDM	<b>485,-</b>
<b>5.3</b>	174	423	5	vario	19-21	Expert / Select	400/430	RDM/SDM	<b>489,-</b>
<b>5.7</b>	182	442	5	fix	20-22	Expert / Select	430	RDM/SDM	<b>499,-</b>
<b>6.1</b>	184	452	5	fix	20-22	Expert / Select	430	RDM/SDM	<b>509,-</b>





# TORRO

A L L T E R R A I N  
F R E E M O V E









WIND MAGAZINE  
03 / 18

”

It's the kind of sail you go surfing with without headaches; the session will be fun anyway because you simply set it up, simply adjust it and just start surfing.

”



KEVLAR STRETCH  
CONTROL



DOUBLE LOCK  
SEAMS



SMART CLEW  
CONSTRUCTION



MD X-PLY



TENSION  
FRAME





# TORRO

A L L E R R A I N  
F R E E M O V E

The Freemove Sail that is second to none. From a trip into the waves, relaxed freeriding, to the first freestyle moves, the Torro is and remains our reliable multi-talent.

5 battens, including a tube batten above the boom from 5.3 on, allow an amazing top speed, as well as early planing abilities. The distinctive yet variable profile combines acceleration with a huge wind range and forgiving handling.

The sizes are adapted to the specific requirements. In the smaller sizes, the luff is reduced and the bending curve has been adapted to the more compact outline. This gives the sail that extra wave characteristic and makes the profile more stable and easier to control. Especially at higher wind speeds it remains balanced and forgiving.

The bigger sizes of the Torro move a bit further into the freeride section. By using 3 mil Square-Ply in the top, the Torro becomes even lighter without losing its familiar durability.

The Torro is not only the ideal combination of many disciplines but represents endless windsurfing fun for all levels.

## KEY FACTS

- > Adaptive sail characteristics according to the size. Small sizes more wave oriented, bigger sizes move into freeride discipline
- > Ideal all-round capabilities, from freeride, freestyle to wave
- > Improved handling, light and playful
- > Ideal mix between manoeuvrability and performance
- > 75% X-Ply, optimized for longevity
- > Compatible for SDM and RDM

## PROGRAM



## CHARACTER



## SPECIFICATIONS

Size sqm	Boom cm	Luff cm	Battens/ Tubes	Top	IMCS	Best mast	Mast cm	Mast Ø	Sail price EUR
4.0	150	382	5/0	vario	16-18	Cross / Expert / Select	370	RDM/SDM	399,-
4.3	158	387	5/0	vario	16-18	Cross / Expert / Select	370	RDM/SDM	439,-
4.7	163	394	5/0	vario	16-18	Cross / Expert / Select	370	RDM/SDM	449,-
5.0	167	420	5/0	vario	18-20	Cross / Expert / Select	400	RDM/SDM	455,-
5.3	175	435	5/0	fix	20-22	Cross / Expert / Select	430	RDM/SDM	465,-
5.7	177	444	5/1	fix	20-22	Cross / Expert / Select	430	RDM/SDM	475,-
6.0	182	446	5/1	fix	20-22	Cross / Expert / Select	430	RDM/SDM	485,-
6.3	187	452	5/1	fix	20-22	Cross / Expert / Select	430	RDM/SDM	495,-
6.6	192	455	5/1	fix	20-22	Cross / Expert / Select	430	RDM/SDM	505,-
6.9	198	457	5/1	fix	20-22	Cross / Expert / Select	430	SDM/RDM	515,-

**PHILIPPE VIGNERON**  
Head Tester

” Our all-rounder in the range, just a sail with the license to have fun.

”

# TORRO FR

F R E E M O V E  
F R E E R I D E

Our Freemove classic Torro is now available from 5.7 sqm onwards in a version with a higher monofilm percentage, the Torro FR. This makes the sail a bit lighter and also a bit more freeride oriented. The X-Ply in the main window has been replaced by monofilm, which gives the Torro FR a bit more crispy feeling when accelerating and in top speed on the straight line. So if you can renounce the bullet proof characteristics of the classic Torro and place a little more emphasis on flat water characteristics, you've come to the right place.

5 battens, including a tube batten above the boom, allow an amazing top speed, as well as early planing abilities.

The distinctive yet variable profile combines acceleration with a huge wind range and an easy and forgiving handling.

The sizes of the Torro FR starting with 5.7 move a bit further into the freeride and bump and jump zone.

By using 3 mil Square-Ply in the top of the sail, the Torro FR remains light without losing its familiar durability.

The Torro FR is not only the ideal combination of many disciplines but represents endless windsurfing fun for all levels.

## KEY FACTS

- > More Freeride characteristic through higher monofilm percentage
- > Ideal all-round capabilities for freeride and freestyle
- > Improved handling, light and playful
- > Durable Square-Ply in the top
- > Ideal mix between manoeuvrability and performance
- > 50% X-Ply, optimized for stable freeriding
- > Compatible for SDM and RDM

## PROGRAM



## CHARACTER



**RENATO MORLOTTI**  
The Sail Designer

” The TORRO FR feels more direct thanks to the higher amount of monofilm. For flatwater pilots a new, interesting alternative.

”







## SPECIFICATIONS

Size sqm	Boom cm	Luff cm	Battens/ Tubes	Top	IMCS	Best mast	Mast cm	Mast Ø	Sail price EUR
<b>5.7</b>	177	444	5/1	fix	20-22	Cross / Expert / Select	430	RDM/SDM	<b>449,-</b>
<b>6.0</b>	182	446	5/1	fix	20-22	Cross / Expert / Select	430	RDM/SDM	<b>459,-</b>
<b>6.3</b>	187	452	5/1	fix	20-22	Cross / Expert / Select	430	RDM/SDM	<b>469,-</b>
<b>6.6</b>	192	455	5/1	fix	20-22	Cross / Expert / Select	430	RDM/SDM	<b>479,-</b>
<b>6.9</b>	198	457	5/1	fix	20-22	Cross / Expert / Select	430	SDM/RDM	<b>489,-</b>



# YEAH

F R E E S T Y L E







WINDSURF JAHRBUCH  
2018

” With the Yeah, GUNSAILS has a sail in its program that makes every freestyler better. Whether it is the Eslider or Air-Bob into Culo, for this price there is no better sail. Just great.

”



KEVLAR STRETCH  
CONTROL



DOUBLE LOCK  
SEAMS



SMART CLEW  
CONSTRUCTION



MD X-PLY





**STEVEN VAN BROECKHOVEN**  
B-72



**2x World Champion**



**2ND place EFPT 2018**

” We made the Yeah a bit easier to handle, now the most awesome moves are possible.

”

# YEAH

F R E E S T Y L E

Freestyle at its best! Totally neutral, a stable leech and a short boom turn the Yeah into a pure freestyle machine. Through the special alignment of the panels in the boom area, the sail is able to load up and unleash its unique pop. The special profile allows to get planing early. Even with a very small amount of loose leech and less downhaul tension the Yeah has huge application area. Together with our Team rider Steven van Broeckhoven we took the Yeah to the next level. Slightly higher percentage of monofilm and a little more profile tension above the boom increase the reactivity of the sail and help to push the limits of freestyle. The new material mix and the reduction to one eyelet on the clew makes the Yeah even lighter. However, the sail is not only the choice of professional freestylers. With its planing power, neutrality, quick rotation and with its feather light handling, the Yeah will be the companion to your next landed move.

## KEY FACTS

- > Only RDM
- > Super light
- > Tensioned leech for quick rotations
- > 3-Mil-Square-Ply combined with Kevlar Warp for longevity
- > Wide wind range in one trim setting

## PROGRAM



## CHARACTER



## SPECIFICATIONS

Size sqm	Boom cm	Luff cm	Battens	Top	IMCS	Best mast	Mast cm	Mast Ø	Sail price EUR
<b>3.6</b>	140	366	4	vario	15-17	Cross / Expert / Select	340/370	RDM	<b>419,-</b>
<b>4.0</b>	147	380	4	fix	16-18	Cross / Expert / Select	370	RDM	<b>429,-</b>
<b>4.4</b>	151	396	4	fix	16-18	Cross / Expert / Select	370	RDM	<b>439,-</b>
<b>4.8</b>	159	414	4	fix	18-20	Cross / Expert / Select	400	RDM	<b>449,-</b>
<b>5.2</b>	167	434	4	fix	20-22	Cross / Expert / Select	430	RDM	<b>459,-</b>
<b>5.6</b>	174	452	4	fix	20-22	Cross / Expert / Select	430	RDM	<b>469,-</b>



N O C A M  
F R E E R I D E





# STREAM

N O C A M  
F R E E R I D E

Freeriding in its purest form - Easy windsurfing for all levels.

Without camber the Stream impresses with playful handling but nevertheless with amazing performance.

The perfectly tuned profile allows early planing, good acceleration and an absolutely stable pressure point.

Thanks to the low holding forces, the Stream can be easily controlled even at high speeds. With a new configuration and the use of colored monofilm in the top, the profile stability in the upper area of the sail increases. This makes the sail faster, easier to control and lets it glide effortlessly through lulls. Up to 6.9 sqm the Stream can be rigged with an RDM mast to further optimize the handling.

The right choice for all who are looking for uncomplicated windsurfing without sacrificing performance. Pure freeride fun!

## KEY FACTS

- > Classic freeride sail for all levels
- > Short boom length for simple handling
- > Easy rigging due to optimized mast curve
- > Slim mast sleeve for easy water starting
- > Size specific batten configuration
- > X-Ply frame for longevity

## PROGRAM



## CHARACTER



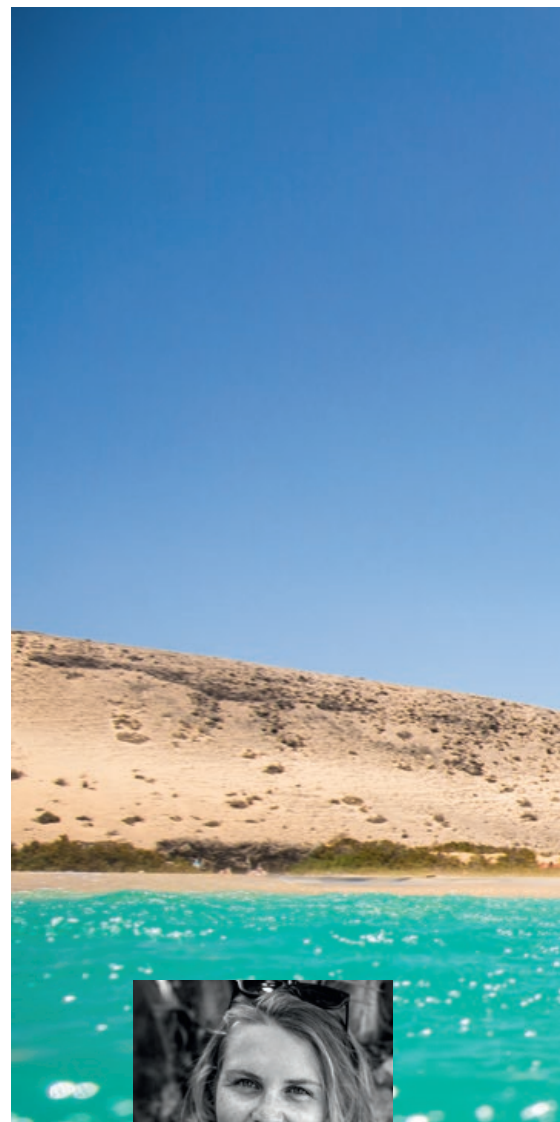
## WIND MAGAZINE 06-07 / 18

”

„User Friendly“ in the truest sense of the word we like the Gun because of its softness and its simplicity when rigging and driving.

And it still has some speed in reserve.

”



LUCIE HERVOCHE  
F-42

”

For me the perfect sail for easy freeriding.

”





## SPECIFICATIONS

Size sqm	Boom cm	Luff cm	Battens/ Tubes	Top	IMCS	Best mast	Mast cm	Mast Ø	Sail price EUR
<b>4.7</b>	156	410	4+1/1	vario	18-20	Cross / Expert / Select	400	RDM/SDM	<b>399,-</b>
<b>5.5</b>	167	441	4+1/1	fix	20-22	Cross / Expert / Select	430	RDM/SDM	<b>415,-</b>
<b>6.0</b>	177	448	5+1/2	fix	20-22	Cross / Expert / Select	430	SDM/RDM	<b>435,-</b>
<b>6.4</b>	188	450	5+1/3	fix	20-22	Cross / Expert / Select	430	SDM/RDM	<b>439,-</b>
<b>6.9</b>	193	457	5+1/3	fix	21-25	Cross / Expert / Select	430/460	SDM/RDM	<b>449,-</b>
<b>7.5</b>	206	482	5+1/3	fix	24-26	Cross / Expert / Select	460	SDM	<b>459,-</b>
<b>8.1</b>	214	503	5+1/3	fix	28-30	Cross / Expert / Select	490	SDM	<b>469,-</b>





# RAPID

N O C A M  
F R E E R A C E









WIND MAGAZINE  
Special Test 2018

”

The Rapid is probably the most successful sail at GUNSAILS. It combines simplicity and performance; the Rapid is a sail for everyone, without headaches, but above all it has an incredible potential of perfectly controllable speed.

”



KEVLAR STRETCH  
CONTROL



DOUBLE LOCK  
SEAMS



SMART CLEW  
CONSTRUCTION



MD X-PLY



# RAPID

N O C A M  
F R E E R A C E

Our Freerace icon Rapid comes with a competitive slalom outline together with camberless freeride lightness. No other model combines uncompromising performance and top speed with the handling of a no cam sail. 7 battens create a defined pressure point in a stable profile, ensuring continuous acceleration and high speeds in the entire wind range. As a result, the Rapid gets planing effortlessly and spurts unimpressed through lulls. The new material configuration at the top of the sail makes the Rapid not only lighter but also more powerful. With the revised Offset Clew, the Rapid can be adapted to individual needs. The inner eyelet provides better acceleration and top speed. The outer eyelet, which is 7 cm further outside, provides more fin pressure and increased drive through lulls.

Up to size 6.7, the Rapid can also be rigged with a RDM mast. It will perform as usual but with even easier handling. Not without a reason the Rapid is the favourite of the windsurfing press and ranks itself as one of the fastest in its class. Nevertheless, it remains versatile with a playful handling and a huge wind range. Your no cam Freerace sail without compromise.

## KEY FACTS

- > Camberless Freerace sail with playful light handling
- > Offset Clew with 7 cm offset, inner eyelet for better acceleration and top speed, outer eyelet for more fin pressure and increased drive through lulls
- > 7/7 Cross Batten Concept for maximum profile stability and ideal aerodynamics, every batten is a tube batten
- > RDM compatible up to size 6.7 for improved handling with the same performance
- > Tension Frame and 3 mil Square-Ply in the top combine low swing weight and durability
- > X-Ply for longevity

## PROGRAM



## CHARACTER



## SPECIFICATIONS

Size sqm	Boom* cm	Luff cm	Battens/ Tubes	Top	IMCS	Best mast	Mast cm	Mast Ø	Sail price EUR
<b>5.7</b>	188/181	418	7/7	fix	18-20	Cross / Expert / Select	400	SDM/RDM	<b>475,-</b>
<b>6.2</b>	198/191	437	7/7	fix	20-22	Cross / Expert / Select	430	SDM/RDM	<b>485,-</b>
<b>6.7</b>	205/198	458	7/7	fix	20-22	Cross / Expert / Select	430	SDM/RDM	<b>495,-</b>
<b>7.2</b>	212/205	469	7/7	fix	24-26	Cross / Expert / Select	460	SDM	<b>505,-</b>
<b>7.9</b>	220/213	477	7/7	fix	24-26	Cross / Expert / Select	460	SDM	<b>515,-</b>
<b>8.6</b>	232/225	499	7/7	fix	28-30	Cross / Expert / Select	490	SDM	<b>525,-</b>

\* Upper eyelet / Lower eyelet



**PIETER BIJL**  
Performance Manager

”

Just the right sail for surfers, who search for maximum performance without cambers. Easy in handling, light and extremely powerful.

”



# SUNRAY

2 C A M  
P O W E R F R E E R I D E





# SUNRAY

2 C A M  
P O W E R F R E E R I D E

More than just freeriding. Two cambers give the Sunray the extra performance without compromising the easy handling of a freeride sail.

The tuned profile enables a defined pressure point and a harmonic acceleration that already starts in the lower wind range. The use of two different monofilm thicknesses in the upper area improves the response of the sail and enables the leech to work even more efficiently. Thus, gusts are regulated independently and missing pressure in lulls is compensated. The profile just continues to generate the usual drive. Conclusively the Sunray can be classified as the most uncomplicated camber sail and sets a standard in terms of top speed, early planing and acceleration.

The first choice for the ambitious freerider or the light racer.

## KEY FACTS

- > Early planing 2 roll cam freeride sail
- > Reduced boom length for more control and easier manoeuvres
- > High pressure point stability and speed
- > 6 plus 1 Cross Batten Concept for more control, every batten is a tube batten
- > Monofilm in the top and Tension Frame on the clew reduce weight
- > Compatible with RDM mast up to 7.0 with additional RDM camber set
- > Two eyelets for individual trimming

## PROGRAM



## CHARACTER



## WIND MAGAZINE Special Test 2018

” Its behaviour is 100% freeride oriented, it will delight the camber sail newcomers at their first experience and makes all those, who would like to sail with a preformed profile, completely carefree. ”



YANN DUPONT  
F-972

” The hot-shot in our range. Accelerating, planing, speeding. No Big Deal for the Sunray. ”





## SPECIFICATIONS

Size sqm	Boom cm	Luff cm	Battens/ Tubes	Cams	Top	IMCS	Best mast	Mast cm	Mast Ø	Sail price EUR
<b>6.0</b>	184	435	6+1/6	2	fix	20-22	Expert / Select	430	SDM/RDM*	<b>499,-</b>
<b>6.5</b>	189	443	6+1/6	2	fix	20-22	Expert / Select	430	SDM/RDM*	<b>509,-</b>
<b>7.0</b>	198	457	6+1/6	2	fix	20-22	Expert / Select	430	SDM/RDM*	<b>519,-</b>
<b>7.5</b>	211	469	6+1/6	2	fix	24-26	Expert / Select	460	SDM	<b>529,-</b>
<b>8.0</b>	218	483	6+1/6	2	fix	24-26	Expert / Select	460	SDM	<b>539,-</b>
<b>8.5</b>	223	498	6+1/6	2	fix	28-30	Expert / Select	490	SDM	<b>555,-</b>
<b>9.5</b>	236	519	6+1/6	2	fix	28-30	Expert / Select	490	SDM	<b>565,-</b>

\* RDM Camber Set necessary





# VECTOR

3 C A M  
F R E E R A C E







WINDSURF JAHRBUCH  
2018

” If you want to get a taste of competition air and have experience with camber sails, you get an incredibly fast product for relatively little money. ”



KEVLAR STRETCH  
CONTROL



DOUBLE LOCK  
SEAMS



SMART CLEW  
CONSTRUCTION



MD X-PLY



3D WING  
SLEEVE





**RENATO MORLOTTI**  
The Sail Designer

” Ideal for slalom rookies and dedicated weekend Racers. With its PWA registration you can also sail at the world cup. ”

# VECTOR

3 C A M  
F R E E R A C E

Call it the little brother of the GS-R or «Slalom light», no matter how, the Vector has established itself as a dominant model in the GUNSAILS range. 3 cambers and 7 tube battens form a deep profile through the 3D Wing Sleeve, allowing maximum acceleration, top speed and planing power. Nevertheless, the performance of the sail is easy to handle and is therefore more energy-saving compared to the GS-R. Thus, the Vector is ideal for slalom intermediates. But also ambitious slalom pilots will not miss anything here.

The new material configuration, consisting of two different monofilm thicknesses, improves the reactivity of the sail and makes it possible to generate more power and propulsion from the upper part of the sail. This also saves valuable weight. The new arrangement of the Offset Clew makes the Vector even more adaptable. The inner eyelet provides better acceleration and top speed. The outer eyelet, which is 7 cm further outside, provides more fin pressure and increased drive through lulls. The neoprene cover on the boom opening improves the aerodynamics of the sail and minimizes water ingress. With a focus on speed, sizes 5.0 and 5.6 are designed for RDM use only. The slightly softer profile increases the control required at high wind speeds and top speeds. Sizes 6.3 and 7.1 can optionally be rigged with RDM for even better handling. However, you will require the additional RDM Camber Set.

With the performance of a competition sail and the PWA registration, the Vector is our energy-loaded freerace sail. Nevertheless, this enormous drive can be tamed with easy handling and low holding forces.

## KEY FACTS

- > High performance freeracer with 3 cams enabling early planing control and highspeed
- > 3D Wing Sleeve
- > Two eyelets with 7 cm distance for individual trim, inner eyelet for better acceleration and top speed, outer eyelet for more fin pressure and increased drive through lulls
- > 7/7 Cross Batten Concept, every batten is a tube batten, for maximum profile stability
- > Tack Strap to further define downhaul tension
- > Light construction of batten pockets and monofilm in the sail top allows to further reduce weight
- > Neoprene Cover at the boom opening

## PROGRAM



## CHARACTER



## SPECIFICATIONS

Size sqm	Boom* cm	Luff cm	Battens/ Tubes	Cams	Top	IMCS	Best mast	Mast cm	Mast Ø	Sail price EUR
<b>5.0</b>	171/164	408	7/7	3	fix	18-20	Expert / Select	400	<b>RDM</b>	<b>499,-</b>
<b>5.6</b>	184/177	422	7/7	3	fix	18-20	Expert / Select	400	<b>RDM</b>	<b>519,-</b>
<b>6.3</b>	191/184	446	7/7	3	fix	20-22	Expert / Select	430	SDM/RDM**	<b>539,-</b>
<b>7.1</b>	204/197	457	7/7	3	fix	20-22	Expert / Select	430	SDM/RDM**	<b>549,-</b>
<b>7.8</b>	217/210	485	7/7	3	fix	24-26	Expert / Select	460	SDM	<b>579,-</b>
<b>8.6</b>	230/223	503	7/7	3	fix	28-30	Expert / Select	490	SDM	<b>595,-</b>
<b>9.2</b>	234/227	514	7/7	3	fix	28-30	Expert / Select	490	SDM	<b>605,-</b>
<b>9.6</b>	236/229	520	7/7	3	fix	28-30	Expert / Select	490	SDM	<b>615,-</b>

\* Upper eyelet / Lower eyelet  
\*\* RDM Camber Set necessary



GS-R

4 C A M  
S L A L O M







# GS-R

P E R F O R M A N C E  
F O R S T



RENATO MORLOTTI  
The Sail Designer

”

This year, the GS-R was one of the focal points of our development work. We have redefined the sizes and streamlined the line, we now manage with 7 sail sizes. 7 is the magic number, because the number of battens has also been reduced from 8 to 7, which is noticeable in weight and handling. A new XL camber is used, which makes the profile even more harmonious and rotates extremely softly. And these are only the visible changes, we have also worked on many other details. At this point I would like to thank my entire team for their input and ambition to push the limits further and further.

”





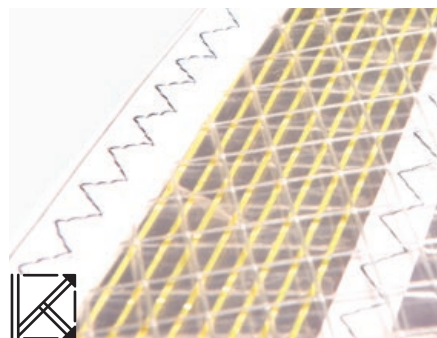
### 3D WING SLEEVE

The aerodynamic optimized mast sleeve resembles the shape of a wing and allows maximum power output. An additional Kevlar Warp laminate in the middle of the mast sleeve acts as an anchor and holds the 3D profile in its predefined shape. Thus, the pressure point remains stable and the sail accelerates tirelessly forward.



### TRIPLE OFFSET CLEW

Three different eyelets provide maximum trim flexibility. The top eyelet provides an ergonomic advantage in light wind and gives you the best possible lever for pumping and sliding, the middle and lower eyelets provide more control in medium and strong winds. Thus, the sail always puts you in the right position to transfer all power to the fin and ultimately convert it into speed.



### KEVLAR STRETCH CONTROL

The targeted use of Kevlar Warp laminate allows us to precisely determine the stretch characteristics of each sail, ensuring a consistent sail profile and more response. The extremely light, unidirectional Kevlar threads have a very low stretch, even under highest loads. They are specifically positioned in each sail depending on its area of use. With Kevlar Stretch Control you will permanently find consistent characteristics and performance in your sail.



### NEOPRENE COVER

The boom opening on the GS-R and Vector is closed by a neoprene cover. This reduces windfall into the mast sleeve and improves aerodynamics. In addition, less water flows into the mast sleeve, so you can start faster.



### ZIPPER OPENING

Through the zipper openings you can easily reach the cambers and can gently roll them on to the mast. Also, the tuning with spacers is easier then.



### TACK STRAP

The GS-R and the Vector are equipped with a Tack Strap, with which the foot tension can be regulated. This will allow you to reduce the twist of the lower edge to lee and absorb even more power.



### BATTEN MATRIX

Choosing the right batten type in the right position is a decisive factor for influencing the profile. The GS-R uses up to three different tube diameters to precisely control the profile. Lightweight 9 and 11 mm tubes in the top area to control the twist, stiffer 14mm tubes in the boom area, where the sail pressure is the highest.



### GUNSAILS CAMBERS

Our cambers have external rolls and can therefore be gently attached to the mast. Once in position, the rollers also reduce friction on the mast, making the rotation much softer.

Depending on the position and diameter of the mast, there are four different cambers to choose from. By exchanging the cambers and using different spacers, the sail setup can be converted from RDM to SDM, e.g. at the 6.3 GS-R. Tips for your individual conversion are available in a video on our homepage under /rigging-guide.

# GS-R

4 C A M  
S L A L O M

World Cup Racing Performance on the next level. The GS-R has been completely redesigned for the upcoming race season. In the 2019 setup, our slalom sail sets new standards in acceleration, drive and top speed. The development is based on close cooperation between the R&D team in Tarifa and our PWA athlete Ben van der Steen.

With a new concept and adapted outline, all sizes for 2019 are constructed on the basis of 7 battens. The bending curve and the mast sleeve construction have also been completely revised. The 3D Wing Sleeve is made of light and stretch free Square-Ply, the main luff panel is of solid X-Ply material, supported by unidirectional Kevlar strips in the inside of the profile. With new XXL cambers and the combination of two monofilm thicknesses in the upper area, the sail gets even more profile stability and an improved reactivity. This increases pump efficiency as well as acceleration in low and high wind.

The construction made it possible to maintain the resulting performance across all sizes. Smaller sails are softer to provide more control in high winds. Large sizes are more reactive and provide maximum drive and acceleration.

Thanks to the balanced sail body, not only performance increases but also the handling of the sail.

Through tireless dedication and the daily testing routine, our team in Tarifa has once again succeeded in initiating the next era of the GS-R: uncompromising performance across all wind ranges.

Ready to race!

## KEY FACTS

- > High tech sail for ambitious speed and slalom surfers
- > Maximum drive and improved acceleration
- > Perfect aerodynamics due to 3D Wing Sleeve and Cross Batten Concept
- > Triple Offset Clew for maximum trim flexibility
- > Tack Strap to further adapt the downhaul tension
- > Sizes 5.0 and 5.6 RDM only

## PROGRAM



## CHARACTER



**BEN VAN DER STEEN**  
NED-57

” The GS-R 2019 is a completely new sail. You will notice the reduction to 7 battens in weight and reactivity. Get ready for an unbelievable speed potential and easy control. ”



KEVLAR STRETCH  
CONTROL



DOUBLE LOCK  
SEAMS



SMART CLEW  
CONSTRUCTION

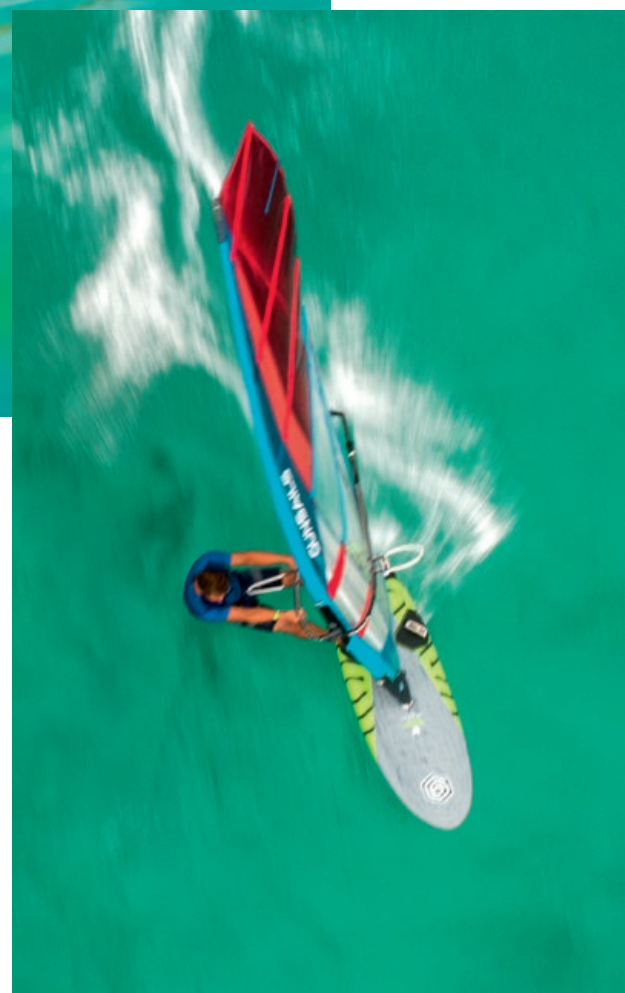


MD X-PLY



3D WING  
SLEEVE





## SPECIFICATIONS

Size sqm	Boom* cm	Luff cm	Battens/ Tubes	Cams	Top	IMCS	Best mast	Mast cm	Mast Ø	Sail price EUR
<b>5.0</b>	171	409	7/7	4	fix	18-20	Select RDM	400	<b>RDM</b>	<b>575,-</b>
<b>5.6</b>	185	426	7/7	4	fix	18-20	Select RDM	400	<b>RDM</b>	<b>595,-</b>
<b>6.3</b>	198/191	438	7/7	4	fix	18-20	Select RDM/Expert	400	<b>RDM/SDM**</b>	<b>655,-</b>
<b>7.1</b>	216/208	459	7/7	4	fix	20-22	Select	430	SDM	<b>675,-</b>
<b>7.8</b>	223/216	487	7/7	4	fix	24-26	Select	460	SDM	<b>695,-</b>
<b>8.6</b>	234/226	506	7/7	4	fix	28-30	Select	490	SDM	<b>725,-</b>
<b>9.4</b>	246/235	523	7/7	4	fix	28-34	Select	490/520	SDM	<b>745,-</b>

\* Upper eyelet / Lower eyelet

\*\* SDM Camber Set necessary





BOW

S L A L O M  
F O I L







# BOW

## I N N O V A T I V E S A I L C O N C E P T

With the BOW sail the GUNSAILS R&D team introduces a completely new concept in sail design. Within 2 years of continuous development, Pieter Bijl and Renato Morlotti have managed to realize this innovative idea in a sail. The BOW offers new dimensions in handling and wind range and shows a unique efficiency. With its adaptive capabilities, the BOW delivers constant power and effortless drive across a huge wind range.

The sail is not only perfect for foiling, but also provides a new feeling of windsurfing on a freerace or slalom board. This innovative concept also includes the specially developed BOW FLEX mast, which is rotating within the sail.

### THE BOW CONCEPT

The BOW concept is based on a new sail outline with an extreme bending curve in the top.

This extreme curve is only achievable with the BOW FLEX mast.

Due to the low luff tension and the innovative design, the sail does not have any loose leech.

In the following the functionality of the BOW concept is explained in further detail.





## THE BOW PROFILE

Thanks to a special friction bearing, which allows the mast to rotate within the boom, the mast can rotate inside the sail, thus allowing the upper area of the sail to twist and bend away.

In contrast to the Loose Leech concept, where only a small part of the leech twists, the BOW has a much larger area to adapt to the strength of the wind.

When the wind strength and thus the wind load in the sail increases (high loading), the upper part of the sail turns leeward and the profile adapts dynamically.

The holding forces on the boom remain the same. Only the profile adapts to the higher loading.

When the wind force and thus the load in the sail decreases (low loading), the sail turns back to its original position. Now, the lower wind energy is compensated by the more efficient profile.

The drive as well as the holding forces remain the same. This ability facilitates handling enormously and also improves performance while going upwind.

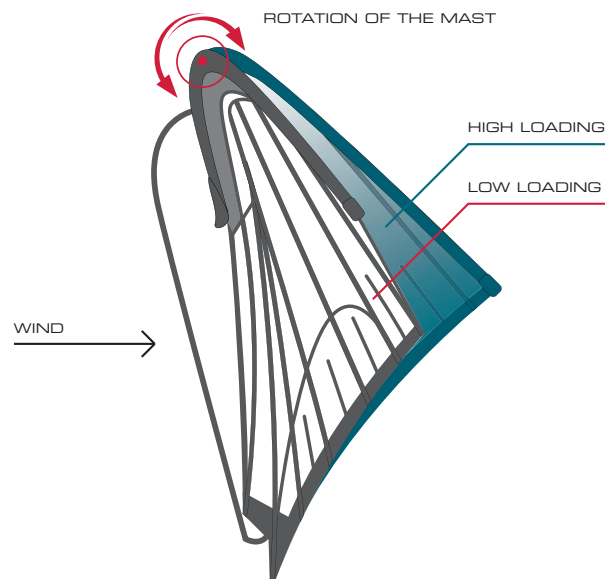
The described adjustment of the BOW is more dynamic and effective than the Loose Leech mechanism. Due to the well defined and firm edge at the leech, there is no fluttering and the associated small stalls in the profile.

### Conclusion

Similar to a Loose Leech sail, the BOW regulates itself in gusts and wind holes, but the available area is larger and more efficient. Thus, it covers a much larger wind range in total.

For the windsurfer, this ability leads to an effortless and comfortable windsurfing experience, combined with the performance and drive of a camber sail.

Due to its continuous drive and feather-light handling, the BOW sail is predestined for foiling.



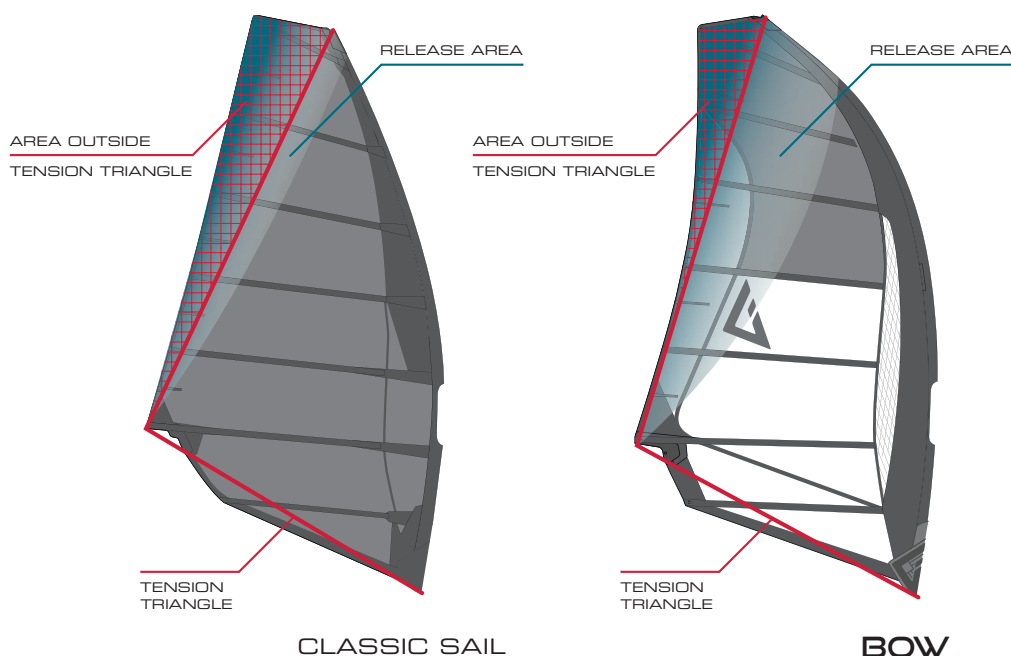
## TENSION TRIANGLE

The ground of any sail design is based on a tension triangle that is created between the clew, top and mast. This is also the area which can be actively controlled by the windsurfer at the boom.

The special outline of the BOW sail allows it to have a bigger area within the tension triangle.

The now bigger area of the sail that can be directly controlled by the windsurfer, does lead to a significant increase in efficiency and control.

A BOW sail can therefore be chosen in a smaller size compared to a Loose Leech sail.



## RELEASE AREA

Current sail concepts have the ability to adapt to a certain degree to the prevailing wind force. The area that allows the load to be redirected from the sail is called the release area. Marked in blue here.

The adaptation of the BOW sail, caused by the rotating and very flexible mast, enlarges the release area considerably and lets it extend far into the sail profile.

In the marked area, the profile changes depending on the wind force. It is precisely this relatively larger area that makes the unique adaptability of the sail possible. However, most of the release area remains within the Tension Triangle. That means, although the profile adjusts continuously, it retains its efficiency and can be easily controlled by the windsurfer.



 SURF MAGAZINE  
11-12/18

” The Bow has what it takes to start  
a revolution. ”



KEVLAR STRETCH  
CONTROL



DOUBLE LOCK  
SEAMS



SMART CLEW  
CONSTRUCTION



MD X-PLY



3D WING  
SLEEVE





**PIETER BIJL**  
Performance Manager

”

The Bow sail combines both aspects:  
light wind power as well as control  
and Speed in strong winds.

”

# BOW

S L A L O M  
F O I L

Are you ready for something new?

And by that we mean not just a new sail, but something innovative, even revolutionary.

Then be a pioneer and drive the sail with the widest wind range. Thanks to the BOW concept, the sail always stays balanced from low to high wind and transforms every gust into drive. And all this with only one trim setting.

4 cambers create a powerful profile and plenty of performance. By exploiting the sail area more efficiently, the BOW shines with excellent planing, very good acceleration and an overwhelming top speed. Thanks to the adaptive profile, the sail remains controllable without effort. For freeracers and slalom pilots, the BOW is the new alternative to the conventional Loose Leech sail.

But the BOW also proves to be excellent for foiling. No matter if you are a foiling beginner or a pro, the constant power on the boom and the continuous drive makes it much easier to control the foil. Thanks to the more efficient profile of the sail, the foil can already take off with less wind.

More wind range, more control and plenty of performance! Are you ready for the future?

## KEY FACTS

- > 4-Cam Concept Sail for Freerace, Slalom and Foil
- > BOW FLEX mast is mandatory
- > No Loose Leech, the BOW uses more surface
- > Special friction bearing that allows rotation of the mast
- > 3D Mast Sleeve Shape and Cross Batten Concept
- > Neoprene Cover at boom opening for better aerodynamics
- > Tack Strap to regulate the tension of the sail foot

## PROGRAM



## CHARACTER



## SPECIFICATIONS

Size sqm	Boom cm	Luff cm	Batten / Tubes	Cams	Top	Mast* cm	Sail price EUR
6.9	198	493	7/7	4	fix	Bow Flex 490	669,-
7.8	216	506	7/7	4	fix	Bow Flex 490	679,-
8.7	230	519	7/7	4	fix	Bow Flex 490	699,-

\* The Bow Flex mast is mandatory for the Bow sail. The special Friction Bearing is also supplied with the mast.

## BOW FLEX 70

- > Extreme Top Flex Curve
- > Standard mast diameter (SDM)
- > 70 % Carbon content
- > High performance mast for light feeling and top dynamics
- > Mast for exclusive use in BOW sails
- > Mast comes together with the special Friction Bearing

399 €



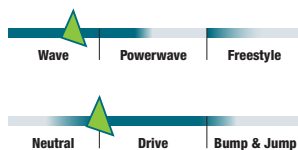


# SAIL GUIDE



## SEAL

4 - BATTEN  
COMPACT WAVE

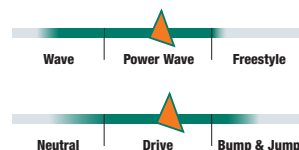


Size sqm	Boom cm	Luff cm	Battens	Top	IMCS	Best mast	Mast cm	Mast Ø	Sail price EUR
3.2	143	355	4	vario	15-17	Expert / Select	340/370	RDM/SDM	399,-
3.5	145	356	4	vario	15-17	Expert / Select	340/370	RDM/SDM	435,-
3.7	147	359	4	vario	15-17	Expert / Select	340/370	RDM/SDM	439,-
4.0	152	362	4	vario	15-17	Expert / Select	340/370	RDM/SDM	445,-
4.2	157	367	4	vario	15-17	Expert / Select	340/370	RDM/SDM	455,-
4.5	161	385	4	fix	16-18	Expert / Select	370	RDM/SDM	465,-
4.7	165	388	4	fix	16-18	Expert / Select	370	RDM/SDM	475,-
5.0	169	393	4	vario	17-19	Expert / Select	370/400	RDM/SDM	485,-
5.3	175	414	4	fix	18-20	Expert / Select	400	RDM/SDM	489,-
5.7	180	422	4	fix	18-20	Expert / Select	400	RDM/SDM	499,-



## HORIZON

P O W E R  
W A V E

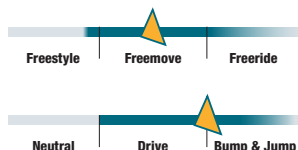


Size sqm	Boom cm	Luff cm	Battens	Top	IMCS	Best mast	Mast cm	Mast Ø	Sail price EUR
3.7	146	365	5	vario	15-17	Expert / Select	340/370	RDM/SDM	439,-
4.0	150	381	5	vario	16-18	Expert / Select	370	RDM/SDM	445,-
4.2	157	387	5	vario	16-18	Expert / Select	370	RDM/SDM	455,-
4.5	161	389	5	vario	16-18	Expert / Select	370	RDM/SDM	465,-
4.7	165	395	5	vario	16-18	Expert / Select	370	RDM/SDM	475,-
5.0	169	418	5	fix	18-20	Expert / Select	400	RDM/SDM	485,-
5.3	174	423	5	vario	19-21	Expert / Select	400/430	RDM/SDM	489,-
5.7	182	442	5	fix	20-22	Expert / Select	430	RDM/SDM	499,-
6.1	184	452	5	fix	20-22	Expert / Select	430	RDM/SDM	509,-



## TORRO

ALL TERRAIN  
FREEMOVE



Size sqm	Boom cm	Luff cm	Battens/Tubes	Top	IMCS	Best mast	Mast cm	Mast Ø	Sail price EUR
4.0	150	382	5/0	vario	16-18	Cross / Expert / Select	370	RDM/SDM	399,-
4.3	158	387	5/0	vario	16-18	Cross / Expert / Select	370	RDM/SDM	439,-
4.7	163	394	5/0	vario	16-18	Cross / Expert / Select	370	RDM/SDM	449,-
5.0	167	420	5/0	vario	18-20	Cross / Expert / Select	400	RDM/SDM	455,-
5.3	175	435	5/0	fix	20-22	Cross / Expert / Select	430	RDM/SDM	465,-
5.7	177	444	5/1	fix	20-22	Cross / Expert / Select	430	RDM/SDM	475,-
6.0	182	446	5/1	fix	20-22	Cross / Expert / Select	430	RDM/SDM	485,-
6.3	187	452	5/1	fix	20-22	Cross / Expert / Select	430	RDM/SDM	495,-
6.6	192	455	5/1	fix	20-22	Cross / Expert / Select	430	RDM/SDM	505,-
6.9	198	457	5/1	fix	20-22	Cross / Expert / Select	430	SDM/RDM	515,-

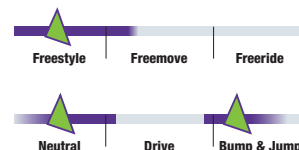
### TORRO FR

5.7	177	444	5/1	fix	20-22	Cross / Expert / Select	430	RDM/SDM	449,-
6.0	182	446	5/1	fix	20-22	Cross / Expert / Select	430	RDM/SDM	459,-
6.3	187	452	5/1	fix	20-22	Cross / Expert / Select	430	RDM/SDM	469,-
6.6	192	455	5/1	fix	20-22	Cross / Expert / Select	430	RDM/SDM	479,-
6.9	198	457	5/1	fix	20-22	Cross / Expert / Select	430	SDM/RDM	489,-



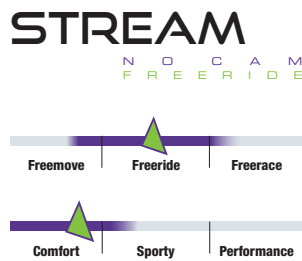
## YEAH

FREESTYLE

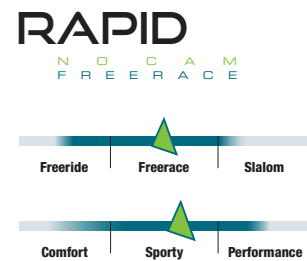


Size sqm	Boom cm	Luff cm	Battens	Top	IMCS	Best mast	Mast cm	Mast Ø	Sail price EUR
3.6	140	366	4	vario	15-17	Cross / Expert / Select	340/370	RDM	419,-
4.0	147	380	4	fix	16-18	Cross / Expert / Select	370	RDM	429,-
4.4	151	396	4	fix	16-18	Cross / Expert / Select	370	RDM	439,-
4.8	159	414	4	fix	18-20	Cross / Expert / Select	400	RDM	449,-
5.2	167	434	4	fix	20-22	Cross / Expert / Select	430	RDM	459,-
5.6	174	452	4	fix	20-22	Cross / Expert / Select	430	RDM	469,-



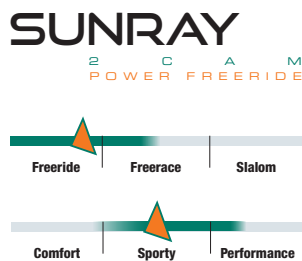


Size sqm	Boom cm	Luff cm	Battens/ Tubes	Top	IMCS	Best mast	Mast cm	Mast Ø	Sail price EUR
4.7	156	410	4+1/1	vario	18-20	Cross / Expert / Select	400	RDM/SDM	399,-
5.5	167	441	4+1/1	fix	20-22	Cross / Expert / Select	430	RDM/SDM	415,-
6.0	177	448	5+1/2	fix	20-22	Cross / Expert / Select	430	SDM/RDM	435,-
6.4	188	450	5+1/3	fix	20-22	Cross / Expert / Select	430	SDM/RDM	439,-
6.9	193	457	5+1/3	fix	21-25	Cross / Expert / Select	430/460	SDM/RDM	449,-
7.5	206	482	5+1/3	fix	24-26	Cross / Expert / Select	460	SDM	459,-
8.1	214	503	5+1/3	fix	28-30	Cross / Expert / Select	490	SDM	469,-



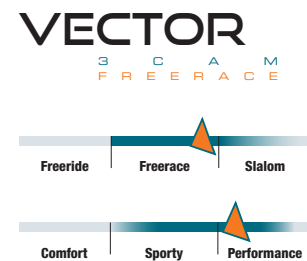
Size sqm	Boom* cm	Luff cm	Battens/ Tubes	Top	IMCS	Best mast	Mast cm	Mast Ø	Sail price EUR
5.7	188/181	418	7/7	fix	18-20	Cross / Expert / Select	400	SDM/RDM	475,-
6.2	198/191	437	7/7	fix	20-22	Cross / Expert / Select	430	SDM/RDM	485,-
6.7	205/198	458	7/7	fix	20-22	Cross / Expert / Select	430	SDM/RDM	495,-
7.2	212/205	469	7/7	fix	24-26	Cross / Expert / Select	460	SDM	505,-
7.9	220/213	477	7/7	fix	24-26	Cross / Expert / Select	460	SDM	515,-
8.6	232/225	499	7/7	fix	28-30	Cross / Expert / Select	490	SDM	525,-

\* Upper eyelet / Lower eyelet



Size sqm	Boom cm	Luff cm	Battens/ Tubes	Cams	Top	IMCS	Best mast	Mast cm	Mast Ø	Sail price EUR
6.0	184	435	6+1/6	2	fix	20-22	Expert / Select	430	SDM/RDM*	499,-
6.5	189	443	6+1/6	2	fix	20-22	Expert / Select	430	SDM/RDM*	509,-
7.0	198	457	6+1/6	2	fix	20-22	Expert / Select	430	SDM/RDM*	519,-
7.5	211	469	6+1/6	2	fix	24-26	Expert / Select	460	SDM	529,-
8.0	218	483	6+1/6	2	fix	24-26	Expert / Select	460	SDM	539,-
8.5	223	498	6+1/6	2	fix	28-30	Expert / Select	490	SDM	555,-
9.5	236	519	6+1/6	2	fix	28-30	Expert / Select	490	SDM	565,-

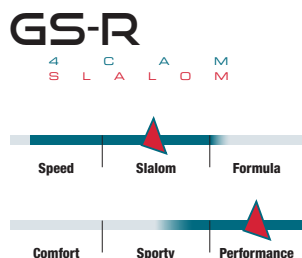
\* RDM Camber Set necessary



Size sqm	Boom* cm	Luff cm	Battens/ Tubes	Cams	Top	IMCS	Best mast	Mast cm	Mast Ø	Sail price EUR
5.0	171/164	408	7/7	3	fix	18-20	Expert / Select	400	RDM	499,-
5.6	184/177	422	7/7	3	fix	18-20	Expert / Select	400	RDM	519,-
6.3	191/184	446	7/7	3	fix	20-22	Expert / Select	430	SDM/RDM**	539,-
7.1	204/197	457	7/7	3	fix	20-22	Expert / Select	430	SDM/RDM**	549,-
7.8	217/210	485	7/7	3	fix	24-26	Expert / Select	460	SDM	579,-
8.6	230/223	503	7/7	3	fix	28-30	Expert / Select	490	SDM	595,-
9.2	234/227	514	7/7	3	fix	28-30	Expert / Select	490	SDM	605,-
9.6	236/229	520	7/7	3	fix	28-30	Expert / Select	490	SDM	615,-

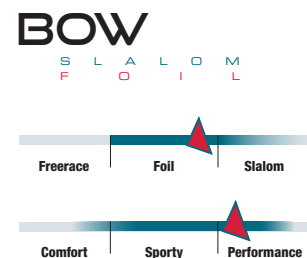
\* Upper eyelet / Lower eyelet

\*\* RDM Camber Set necessary



Size sqm	Boom* cm	Luff cm	Battens/ Tubes	Cams	Top	IMCS	Best mast	Mast cm	Mast Ø	Sail price EUR
5.0	171	409	7/7	4	fix	18-20	Select RDM	400	RDM	575,-
5.6	185	426	7/7	4	fix	18-20	Select RDM	400	RDM	595,-
6.3	198/191	438	7/7	4	fix	18-20	Select RDM/Expert	400	RDM/SDM**	655,-
7.1	216/208	459	7/7	4	fix	20-22	Select	430	SDM	675,-
7.8	223/216	487	7/7	4	fix	24-26	Select	460	SDM	695,-
8.6	234/226	506	7/7	4	fix	28-30	Select	490	SDM	725,-
9.4	246/235	523	7/7	4	fix	28-34	Select	490/520	SDM	745,-

\* Upper eyelet / Lower eyelet \*\* SDM Camber Set necessary



Size sqm	Boom cm	Luff cm	Battens/ Tubes	Cams	Top	Mast* cm	Sail price EUR
6.9	198	493	7/7	4	fix	Bow Flex 490	669,-
7.8	216	506	7/7	4	fix	Bow Flex 490	679,-
8.7	230	519	7/7	4	fix	Bow Flex 490	699,-

\* The Bow Flex mast is mandatory for the Bow sail.  
The special Friction Bearing is also supplied with the mast.



# SEAL



## WAVE / CROSSOVER

### EARLY PLANING



### CONTROL



### HANDLING



### PROPULSION POWER



### X-PLY



### SPEED







# CHART

## PERFORMANCE CHART

Please note that the performance values of the Wave and X-Over sails are not comparable to those of the flatwater sails. We hope to make it easier for you to decide on your next sail on this page.  
Of course we are at your disposal for all further questions concerning the choice of sails. Just give us a call or write to us.

## FLATWATER

### EARLY PLANING



### CONTROL



### HANDLING



### STABILITY OF PROFILE



### PLANING IN LULLS



### SPEED





# DRAGON

T H E N E X T G E N E R A T I O N

The lightweight and solid sail is built appropriately for the kids' needs and thus rigging and handling are literally child's play. This sets the course for kids to enjoy their first meters on the surfboard right from the beginning. The rig will be delivered as a "ready to sail" set. The mast and boom are designed to allow the use with all Dragon sail sizes. You just have to buy the next bigger sail when your child makes progress and gets older.

## THE SET INCLUDES:



DRAGON SAIL  
**FROM 129 €**

DRAGON MAST  
**48 €**



UPHAUL  
**7,<sup>50</sup> €**



DRAGON MAST FOOT  
**15 €**

DRAGON BOOM  
**62 €**

### DRAGON SAIL

- > Kids Sail of monofilm
- > 2-3 batten
- > X-Ply reinforced leech

### DRAGON BOOM

- > 26 mm boom arm diameter
- > 120-160 cm, variable adjustable
- > 1,4 kg
- > One size fits all

### DRAGON MAST

- > Two-part aluminium mast
- > 300-320 cm, variable adjustable
- > 1,28 kg
- > One size fits all

### SPECIFICATIONS

Size	Boom	Luff	Sail weight	Top	Battens	Sail price	Set price*
sqm	cm	cm	kg			EUR	EUR
<b>1.8</b>	120	250	1,2	vario	2	<b>135,-</b>	<b>235,-</b>
<b>2.2</b>	127	270	1,25	vario	2	<b>145,-</b>	<b>245,-</b>
<b>2.6</b>	136	285	1,4	vario	2	<b>149,-</b>	<b>249,-</b>
<b>3.2</b>	145	305	1,8	fix	3	<b>155,-</b>	<b>255,-</b>
<b>3.6</b>	154	315	1,95	fix	3	<b>159,-</b>	<b>259,-</b>

\* The Set includes: Sail + Mast + Boom + Dragon mast foot + Uphaul + Transportation Bag





# BURNER

L I G H T R I D I N G

The Sail for starters and intermediate Windsurfers, with which learning to windsurf becomes a real fun sport again. With this lightweight sail you can get your first planing experience, improve tacks and jibes or just enjoy windsurfing. A high X-Ply portion and solid edge protections are key features of our Burner. Thus, it resists crashes and guarantees longevity. In combination with the fitting components you will easily get to know the world of windsurfing. The super lightweight combined with outstanding handling abilities provide you with quick learning successes from the beginning on. So, what are you waiting for? The Burner is also available reasonably priced as a set with matching RDM mast, boom and mast foot.

## THE SET INCLUDES:



BURNER SAIL  
**FROM 229 €**

BURNER MAST  
**129 €**

RDM BASE 00  
**20 €**

BURNER BOOM  
**79 €**

### BURNER SAIL

- > For beginners and intermediates
- > 4 battens
- > Large amount of X-Ply

### BURNER BOOM

- > 26 mm boom arm diameter
- > 150-190 cm, variable adjustable
- > 1,95 kg
- > One size fits all

### BURNER MAST

- > Two-part RDM mast for beginners
- > 370 cm, 20 % Carbon
- > 1,96 kg
- > One size fits all

### SPECIFICATIONS

Size sqm	Boom cm	Luff cm	Sail weight kg	Top	Battens	Sail price EUR	Set price* EUR
4.2	164	352	2,7	vario	4	<b>229,-</b>	<b>429,-</b>
4.7	178	369	2,9	vario	4	<b>239,-</b>	<b>439,-</b>

\* The Set includes: Burner Sail + Mast + Boom + Mast foot + Transportation Bag



# MASTS

A . C . E . S .  
C O N C E P T

The GUNSAILS A.C.E.S. Concept allows you a quick and clear overview of the multitude of our individual rig components. A.C.E.S. is derived from the four different classes of our rig parts: Advantage / Cross / Expert and Select.

From Advantage, the affordable, robust entry-level version to Select, the high-end full carbon series, you'll quickly find the right product to suit your performance requirements and budget.

Of course, as a sail manufacturer, we guarantee that all recommended GUNSAILS masts fit perfectly with our sails and achieve the best performance with them.

Technical parameters such as length and stiffness (IMCS) are standardized for most mast providers, differences are found in the bending curve. With our Constant Curve bending, which has been unchanged for years, you can also retrofit older GUNSAILS sail models with our current masts.

In addition, the GUNSAILS masts offer a good compromise to many sails from other manufacturers.



## QUALITY CONTROL

The high quality standard in materials and workmanship, **permanent quality controls** in the factory as well as by our R&D team in Tarifa guarantee lasting product quality and durability. No matter which model you choose, you will receive a quality-tested **GUNSAILS mast with 24 months warranty.**

**2 YEARS  
WARRANTY**

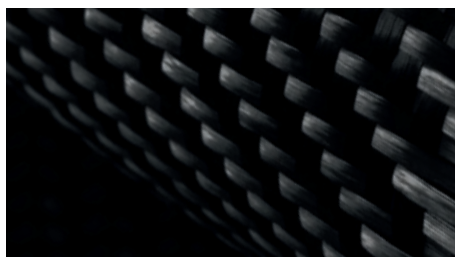




## RENATO MORLOTTI The Sail Designer

” The mast is always the basis of sail development. Therefore, you should definitely orientate at the mast recommendation. Not everyone will treat himself with the 100% Select mast, but at least pay attention to appropriate length and IMCS specification. And of course, in the case of masts from another brand, check the bending curve. With the wrong mast in the sail you have only half the fun.

”



## PREPREG CARBON TECHNOLOGY

As a rule of thumb for masts: the higher the carbon proportion, the more performance and the higher the price. From Advantage to Select, every mast is produced with the **Prepreg Carbon Technology**, in which the differences being in the carbon content as well as in the arrangement and direction of the fabric fibres. This method guarantees the highest results in terms of reflex speed and breaking strength at optimum weight.

## RDM VS SDM

Our sail specs clearly recommend what mast to use. For some sails both types can be used. The mast type named at first in the specs is the one we give preference to.

Where are the differences?

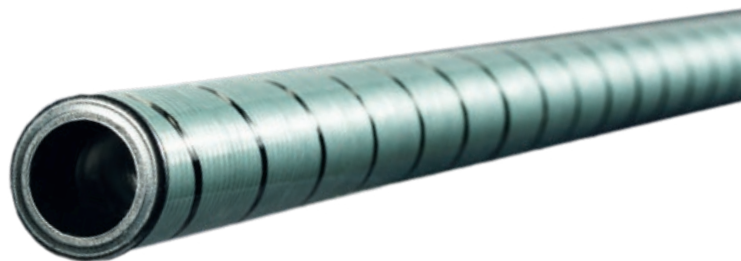
**RDM**, Reduced Diameter Mast, indicates masts with a reduced diameter (32 mm internal diameter base). The shape from base to top is nearly equal.

**SDM**, Standard Diameter Mast, indicates masts with a standard diameter (48.5 mm internal diameter base). The shape from base to top is conical tapered.

### RDM Masts do have several advantages:

- > Higher breaking strength due to increased wall thickness and reduced mast diameter
- > Easier rigging, the thinner masts glides faster into the mast sleeve
- > Better handling during waterstarts and manoeuvres, where you grab the mast
- > Overall a smoother surf feeling, although RDM masts are mostly heavier

For our wave and cross over sails, we give preference to RDM version. For our no cam flatwater sails Stream and Rapid, a RDM is recommended up to a certain sail size. Further information can be found on the respective sail pages, also for the use of RDM on camber sails.



## UNIVERSAL TOP FITTING

Our masts are equipped with the universal top fitting. Thereby the masts can also be used for sails from other manufacturers which have a pin instead of a top cap.

# MASTS

P O W E R P A C K S  
F O R Y O U R S A I L



Protection Shield protects against scratches and UV-load.  
> On Base for Advantage  
> On Base and Top for Cross

## ADVANTAGE

- > Good all-round characteristics
- > Unbeatable price performance ratio
- > Ideal for beginners and intermediate windsurfers
- > Very robust and versatile
- > For wave, freemove and freeride use
- > High durability thanks to low carbon percentage

## CROSS

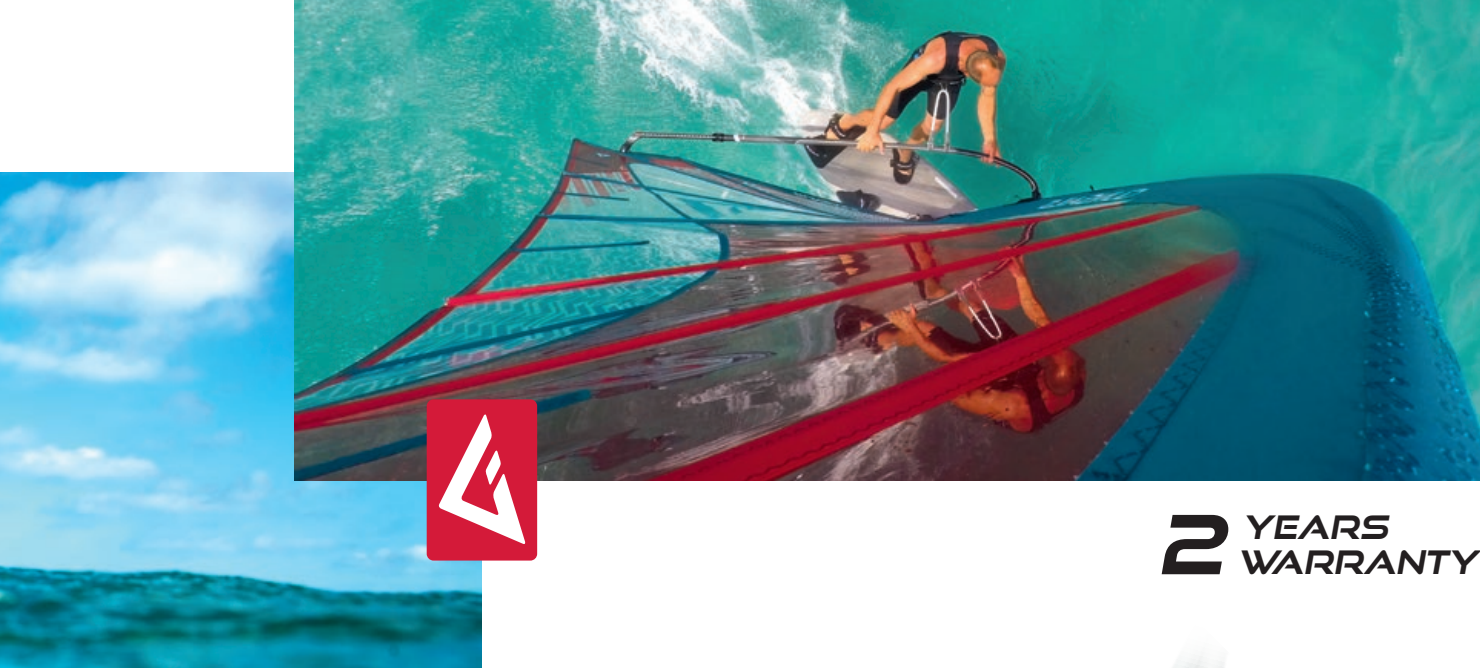
- > 50% carbon ensures a good balance of weight, dynamics and durability
- > High-quality allrounder for performance-oriented windsurfing
- > Superior overall performance with great load capacity
- > **Including single mastbag**

	Length cm	Carbon %	IMCS	Weight kg	Price EUR
ADVANTAGE SDM	370	30	17	2,05	<b>125,-</b>
	400	30	19	2,45	<b>129,-</b>
	430	35	21	2,60	<b>139,-</b>
	460	35	25	2,80	<b>145,-</b>
	490	35	29	3,05	<b>155,-</b>
ADVANTAGE RDM	370	35	17	1,96	<b>139,-</b>
	400	35	19	2,18	<b>149,-</b>
	430	35	21	2,50	<b>169,-</b>

	Length cm	Carbon %	IMCS	Weight kg	Price EUR
CROSS SDM	370	50	17	1,80	<b>199,-</b>
	400	50	19	1,97	<b>225,-</b>
	430	55	21	2,10	<b>235,-</b>
	460	55	25	2,40	<b>255,-</b>
	490	55	29	2,66	<b>259,-</b>
CROSS RDM	370	50	17	1,95	<b>199,-</b>
	400	50	19	2,03	<b>215,-</b>
	430	50	21	2,30	<b>239,-</b>
	460	50	25	2,60	<b>249,-</b>

RDM is delivered without RDM adapter.





**2 YEARS WARRANTY**

Protection Shield on base and top protects against scratches and UV-load.

## EXPERT

- > 70% Carbon
- > High performance mast results in significantly lighter windsurf feeling as well as superior dynamics
- > Low weight, highly dynamic and equipped with excellent reflex characteristics
- > Plus in handling and control in the upper wind range
- > **Including single mastbag**

## SELECT

- > 100% Carbon
- > Maximum performance with minimum weight
- > Selected high modulus Prepreg carbon layers
- > Incredible handling and high-end performance due to excellent reflex characteristics
- > **Including single mastbag**

	Length cm	Carbon %	IMCS	Weight kg	Price EUR
<b>EXPERT SDM</b>	370	70	17	1,60	<b>265,-</b>
	400	70	19	1,80	<b>285,-</b>
	430	75	21	1,96	<b>305,-</b>
	460	75	25	2,20	<b>319,-</b>
	490	75	29	2,40	<b>335,-</b>
	520	75	32	2,55	<b>365,-</b>
<b>EXPERT RDM</b>	340	70	15	1,46	<b>269,-</b>
	370	70	17	1,72	<b>285,-</b>
	400	70	19	1,82	<b>305,-</b>
	430	70	21	2,04	<b>325,-</b>
	460	70	25	2,32	<b>339,-</b>

	Length cm	Carbon %	IMCS	Weight kg	Price EUR
<b>SELECT SDM</b>	430	100	21	1,90	<b>399,-</b>
	460	100	25	1,95	<b>429,-</b>
	490	100	29	2,24	<b>455,-</b>
	520	100	32	2,35	<b>535,-</b>
	550	100	35	2,62	<b>555,-</b>
<b>SELECT RDM</b>	370	100	17	1,42	<b>345,-</b>
	400	100	19	1,58	<b>355,-</b>
	430	100	21	1,74	<b>385,-</b>
	460	100	25	2,11	<b>405,-</b>

RDM is delivered without RDM adapter.



# BOOMS

M O N O C O Q U E  
T E C H N O L O G Y

Monocoque means a continuous tube at the front of the boom, on which the locking mechanism (the front end) is placed. Booms with this technology are stiffer than conventional systems, where the boom arms are connected with the front end via a clip or screw system. However, monocoque booms cannot be «disassembled» for transportation purposes.

## FRONT PIECE

Our Cross, Expert, and Select models are equipped with a pivoting front piece. The supporting surface on the mast is maximally long and designed with large-area soft plastic on the inside. As a result, the front piece sits firmly on the mast and cannot slip. The fully integrated RDM adapter has the same features and can be removed with one click. The new lever is longer and makes closing easier without squeezing fingers.



Removable RDM adapter



Double Pin-Lock length adjustment at rear end

## ROUND TAIL ENDPIECE

Depending on the model and length, three differently shaped rear ends with different trim systems are used.



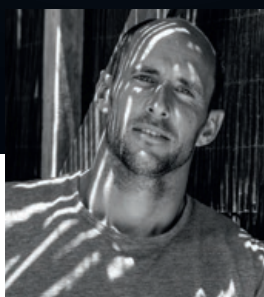
**LOOP-TO-LOOP** for V-CROSS, CROSS 140-190, 150-200 and 160-210 cm



**REAR END WITH ROLLS** for CROSS 180-230, 200-250 cm



**CARBON REAR END WITH ROLLS** for EXPERT 190-240 cm



**PIETER BIJL**  
Performance Manager

”

A solid and stiff boom is just as important for the sail performance as the matching mast. With a soft boom the tension in the sail changes in gusts, the pressure point moves and the sail becomes unsteady.

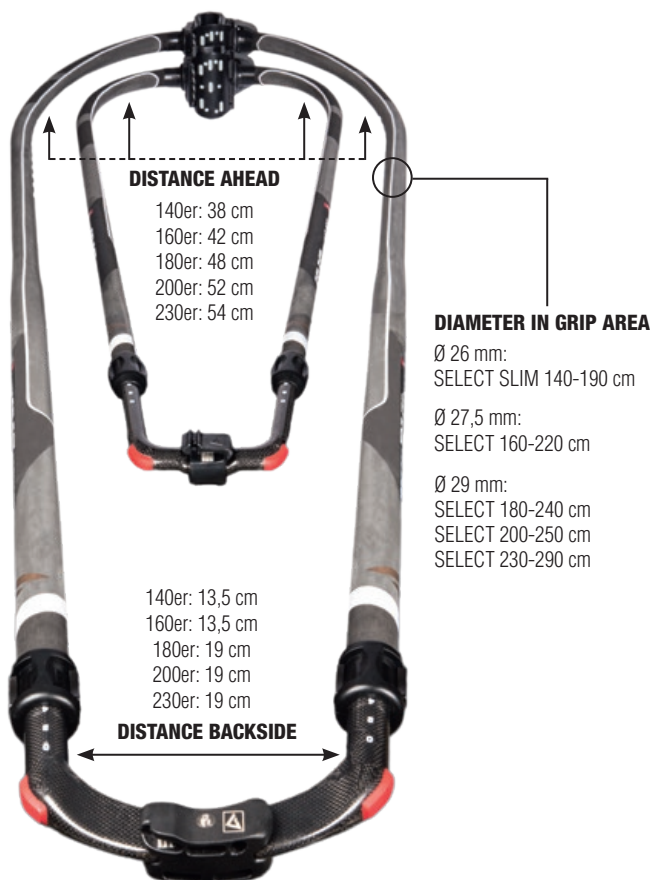
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# SELECT

H I G H E N D  
C A R B O N B O O M S



Models shown: SELECT SLIM 140-190 cm / SELECT 200-250 cm



**CARBON SQUARE TAIL**  
**LOOP-TO-LOOP** for SELECT 140-190, 160-220 cm / EXPERT 150-200 cm



**CARBON WIDE SQUARE TAIL**  
**REAR END WITH ROLLS** for SELECT 180-240, 200-250, 230-290 cm

# BOOMS

YOUR DIRECT  
SAIL CONNECTION



## ADVANTAGE

- > Monocoque construction with increased stiffness
- > New School Curve with individual bend curves
- > Pivoting front piece
- > Double Pin-Lock length adjustment at rear end every 2 cm
- > Integrated RDM adapter for size 140 and 160 cm
- > Size 180 and 200 cm without RDM adapter

Length cm	Weight kg	Sail range sqm	Ø Tubes mm	Trim System	Price EUR
140-190	2,4	3.2 - 6.5	28	Loop-to-Loop	119,-
160-210	2,6	4.5 - 7.5	28	Loop-to-Loop	129,-
180-230	2,8	5.7 - 8.6	30	Loop-to-Loop	139,-
200-250	3,0	7.0 - 9.6	30	Loop-to-Loop	149,-



Pivoting front piece with long, mast-protecting sleeve



Double Pin-Lock length adjustment at rear end every 2 cm



## CROSS

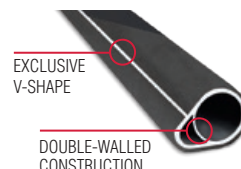
- > Monocoque construction of high-quality T8 aluminium with outstanding stiffness results
- > Ergonomic new school curve enables fatigue-free and relaxed sailing
- > Tapered tube technology, 26 mm in grip area for comfort on the hands, tube gets thicker towards the rear end to 29 mm for more stiffness (Size 140, 150 and 160 cm)
- > Continuous tube diameter of 29 mm from size 180 cm on
- > Double pin lock length adjustment every 2,5 cm
- > Integrated RDM adapter

Length cm	Weight kg	Sail range sqm	Ø Tubes mm	Trim System	Price EUR
140-190	2,5	3.2 - 6.5	26*	Loop-to-Loop	165,-
150-200	2,7	4.0 - 7.0	26*	Loop-to-Loop	169,-
160-210	2,8	4.5 - 7.5	26*	Loop-to-Loop	179,-
180-230	3,0	5.7 - 8.6	29	Rolls	185,-
200-250	3,2	7.0 - 9.6	29	Rolls	195,-

\* in harness lines area

## V-CROSS

- > 26 mm tube profile with double-walled V-grip shape
- > Stiffness is comparable to a full carbon boom
- > Other equipment like Cross Boom



Length cm	Weight kg	Sail range sqm	Ø Tubes mm	Trim System	Price EUR
140-190	2,9	3.2 - 6.5	26	Loop-to-Loop	189,-
160-210	3,1	4.5 - 7.5	26	Loop-to-Loop	199,-





## EXPERT

- > Hybrid boom, tubes in Monocoque construction of high-quality T8 aluminium
- > 150 cm: **CARBON SQUARE TAIL** rear end for wave, freestyle, freemove
- > 190 cm: **CARBON ROUND TAIL** rear end with rolls for freeride and freerace
- > Ergonomic new school curve enables fatigue-free and relaxed sailing
- > Double pin lock length adjustment every 2 cm
- > Integrated RDM adapter

Length cm	Weight kg	Sail range sqm	Ø Tubes mm	Trim System	Price EUR
150-200	2,6	4.0 - 7.0	27,5	Loop-to-Loop	299,-
190-240	3,1	6.3 - 9.6	29	Rolls	319,-



**CARBON SQUARE TAIL**  
LOOP-TO-LOOP for  
EXPERT 150-200 cm



**CARBON ROUND TAIL**  
Rear end with rolls for  
EXPERT 190-240 cm



## SELECT

- > Full carbon boom for highest demands on stiffness and performance
- > 140 and 160 cm: **SQUARE TAIL** rear end for wave, freestyle and freeride
- > 180, 200 and 230 cm: **WIDE SQUARE TAIL** rear end and slight V-shape which gets thicker towards the rear to solid 34 mm
- > Range of use of these sizes are freerace, slalom and formula sails
- > The Square shape of the rear end results in less tube bending and improves the stiffness
- > Thanks to the wider shape in the rear area the sail has less contact to the inner boom side which protects the sail and reduces turbulences
- > Double pin lock length adjustment every 2 cm
- > Integrated RDM adapter

	Length cm	Weight kg	Sail range sqm	Ø Tubes mm	Trim System	Price EUR
SLIM	140-190	2,0	3.2 - 6.5	26	Loop-to-Loop	549,-
	160-220	2,4	4.5 - 8.0	27,5	Loop-to-Loop	579,-
	180-240	3,4	5.7 - 9.6	29*	Rolls	649,-
	200-250	3,5	7.0 - 10.0	29*	Rolls	679,-
	230-290	3,7	8.6 - 12.0	29*	Rolls	785,-

\* in harness lines area



**CARBON SQUARE TAIL**  
LOOP-TO-LOOP for  
SELECT 140 und 160 cm



**CARBON WIDE SQUARE TAIL**  
Rear end with rolls for  
SELECT 180, 200 and 230 cm



# B A S E X T E



## SDM CLASSIC

- > Aluminium mast extension for all SDM masts
- > Height adjustment every 25 mm, secured by steel pin
- > 2 large and easy turning brass rolls, 3-fold diversion
- > Compatible with Classic Base, Cardan Base, Pro Base Pin, Tendon HD and every other pin-system from other manufacturers

<b>Base 00</b>	<b>20 €</b>
<b>150 mm</b>	<b>31,<sup>90</sup> €</b>
<b>300 mm</b>	<b>36,<sup>90</sup> €</b>
<b>450 mm</b>	<b>41,<sup>90</sup> €</b>



### CARDAN BASE

The Cardan Joint can easily be «bent» without resistance, making it much easier to attach the rig.

- > Ideal for beginners and children
- > Strong Cardan Joint with Security-Strap
- > Fitting for all Classic extensions with pin-systems
- > A must have for all Wind SUPs

**35 €**



### CLASSIC BASE

- > Flexible Power Joint with Security-Strap
- > Fitting for all Classic extensions with pin-systems
- > Already assembled, long V2A standard pin

**35 €**



### TENDON HD

- > Stainless steel pin and top in one piece, so the pin can never turn out
- > Fitting for all Classic extensions with pin-systems
- > Flat, resistant tendon joint for direct power transmission
- > With Security Rope

**49 €**



# EXTENSION



## RDM CLASSIC

- > Aluminium mast extension for all RDM masts
- > Height adjustment every 25 mm, secured by steel pin
- > 2 large and easy turning brass rolls, 3-fold diversion
- > Compatible with Classic Base, Cardan Base, Pro Base Pin, Tendon HD and every other pin-system from other manufacturers

<b>Base 00</b>	<b>20 €</b>
<b>150 mm</b>	<b>31,<sup>90</sup> €</b>
<b>300 mm</b>	<b>36,<sup>90</sup> €</b>
<b>450 mm</b>	<b>41,<sup>90</sup> €</b>



## RDM CARBON

- > Carbon mast extension for all RDM masts
- > Height adjustment every 25 mm, secured by steel pin
- > 3 easy turning brass rolls, integrated clamp cleat
- > Compatible with Classic Base, Cardan Base, Pro Base Pin, Tendon HD and every other pin-system from other manufacturers

<b>150 mm</b>	<b>75 €</b>
<b>300 mm</b>	<b>85 €</b>
<b>450 mm</b>	<b>95 €</b>



## PRO BASE PIN

- > With pre-mounted short V2A pin
- > Short, tough for direct power transmission
- > Fitting for all Classic extensions with pin-systems
- > With Security Rope

**39 €**



## PRO BASE

- With M8 set screw, can be used for Classic extensions by screwing on a pin.
- > Suitable for the attachment of a quick release cup (US-System)
- > Flat, tough joint for direct power transmission
- > With Security Rope

**35 €**



## TRIM WINDER

- > Massive winder with universal V2A-pin

**39 €**



## BASE PROTECTOR

- > Toe protection, to be slipped over the mast base

**9,<sup>90</sup> €**



# A C C E S



## TENDON JOINT

> For Pro Base and Pro Base Pin

**11 €**



## TENDON JOINT HD

> For Tendon HD Base

**15 €**



## POWER JOINT

> M8 thread

**15,50 €**



## V2A PIN

**6 €**



SDM



RDM

## MAST PROTECTION

SDM **6 €**

RDM **10 €**



## STRAP SETS

Length 250 cm : **15 € per pair**

Length 500 cm : **17 € per pair**



## STEEL CABLE

> 4 meters, for antitheft  
> Matching pin for both board locks

**20 €**



## BOARD LOCK PB

> For all Power Box-Systems

**13,50 €**



## BOARD LOCK US

> For all US-Systems

**13,50 €**



## EPOXY REPAIR STICK

> Spatula plasticine, 57g

**13 €**



## EPOXY REPAIR SET

> Epoxy resin with hardener, 24g

**13,50 €**



## SAIL REPAIR TAPE

> Transparent, 3 m, 50 mm wide

**8,50 €**



## NAUTIX GRIP

> 2 components, 0,5 kg non-slip  
varnish/coating for your board.

**34 €**



## T-BOOM PROTECTOR

> Both protect your board against the front end of your boom

**14,50 €**



## BOOM PROTECTOR

**9 €**



## ROOF RACK PADS

> For covering the roof rack  
> Protect your board against pressure marks

**13 € per pair**



## FOOTSTRAP

> DAKINE PRIMO

**16 € per piece**





# S O R I E S



## TWO HAND TRIM TOOL

> With integrated Philips and 13 mm spanner socket

**17,90 €**



## PULLEY HOOK

**10 €**



## UPHAUL

**7,50 €**



## UPHAUL PLUS

> Bungee Style with EVA handles for easier grabbing and uphauling

**14,50 €**



## ROPE SET

> 4 mm, Breaking strain: 600 kg

**2 € per meter**



## MARLOW FORMULINE

The 12-fold braided, light and highly stable rope significantly reduces the trim forces

> 3.8 mm Dyneema

> Breaking strain: 619 kg

**4 € per meter**



## RACE TRIM SET

> For mounting on the boom until boom arm diameter of 29 mm

> The outhaul tension can be changed whilst sailing

**65 €**



## RACE TRIM SET XL

> For mounting on the boom until boom arm diameter of 35 mm

> For Select Boom 180, 200 and 230 as well as other booms with oversize rear end

> The outhaul tension can be changed whilst sailing

**69 €**



## HARNESS LINE VARIO

> Length: 20-26/ 24-30/ 28-34 inch

> Pre-stretched rope with solid PE-coating

> Stepless length adjustment possible whilst sailing, due to **metal buckle**

**17 € per pair**



## HARNESS LINE FIX

> Length: 18 /20 / 22 / 24 / 26 / 28 / 30 inch

> Pre-stretched rope with solid PE-coating

> **Mounting without disassembling the boom**

**15 € per pair**



## HARNESS LINE FIX PRO

> Length: 18 / 20 / 22 / 24 / 26 / 28 / 30 / 32 / 34 / 36 inch

> Pre-stretched rope with solid PE-coating

> Flat webbing for better handling

> **Stiffer connection to the boom,**

more protruding harness line

**16 € per pair**



## HARNESS MONOLINE FIX PRO

> Length: 24 / 26 / 28 / 30 inch

> Flat webbing

> **Stiffer connection to the boom,**

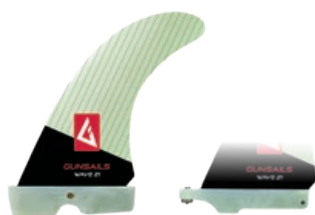
more protruding harness line

> For experienced sailors

**14 € per pair**



# FIN



Also available in US Box

## WAVE

- > Manoeuvre-oriented and very reactive wave fin
- > Perfect grip, with a superb combination of flex and twist

Size cm	Material	Fin Box System	Price EUR
21	G10	PB / US	69,-
23	G10	PB / US	69,-
25	G10	PB / US	79,-
28	G10	PB / US	79,-
30	G10	PB / US	79,-



## X-OVER

- > Manoeuvre-oriented bump and jump fin
- > Ideal for the use with freemove- or small freeride boards

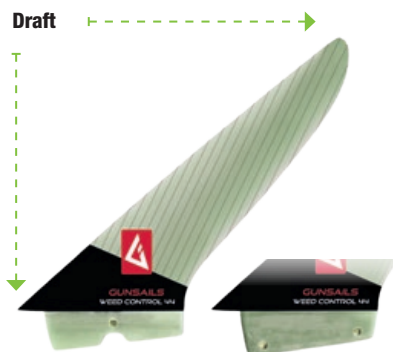
Size cm	Material	Fin Box System	Price EUR
28	G10	PB	75,-
30	G10	PB	75,-



## RIDE

- > Powerful, fast freeride fin
- > Top ride comfort good lift for early planing and planing through lulls
- > Ideal for wider boards

Size cm	Material	Fin Box System	Price EUR
32	G10	PB	79,-
34	G10	PB	79,-
36	G10	PB	79,-
40	G10	PB	89,-
45	G10	PB	89,-



Also available in Tuttle Box

## WEED

- > The ultimate fin for weed areas and shallow waters
- > 40° Rake
- > For freeride, freerace and slalom boards
- > The measurement indicates the depth whereas the fin itself is significantly longer

Size cm	Material	Fin Box System	Price EUR
23	G10	PB	65,-
26	G10	PB	75,-
29	G10	PB	85,-
33	G10	PB/Tuttle	95,-
40	G10	PB/Tuttle	109,-
44	G10	PB/Tuttle	119,-



## RACING

- > High performance G10 Slalom fin
- > For the use with slalom or freerace boards
- > Maximum control and comfort at top speed
- > Great directional stability

Size cm	Material	Fin Box System	Price EUR
36	G10	Tuttle	79,-
38	G10	Tuttle	85,-
40	G10	Tuttle	89,-
42	G10	Tuttle	99,-
44	G10	Tuttle	109,-
46	G10	Tuttle	119,-





# HARNESSES



SOFT EDGE



OUTER 3D  
SHELL

**TRACE**  
**125 €**



ERGONOMIC  
3D SHAPE



SECURE LOCK  
2.0



LOCK TABS



NEOPRENE BELT  
SYSTEM



LOCK TABS



SECURE LOCK  
2.0

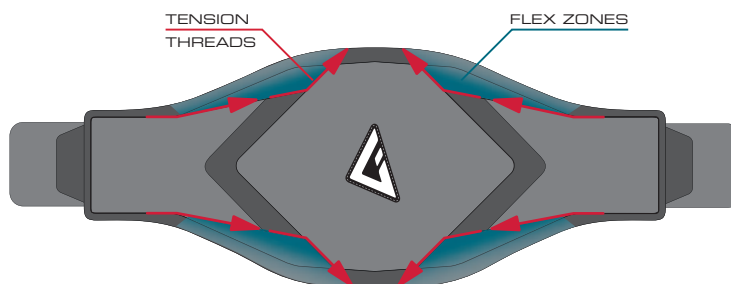


NEOPRENE BELT  
SYSTEM

LOCK TABS

## NEOPRENE BELT SYSTEM

The neoprene belt is anchored inside the harness and its flexibility allows an ideal fit. At the same time, the surface of the neoprene provides hold and stops the harness from moving. When the Lock Tabs are closed, the inner neoprene belt forms a unit with the harness and thus ensures direct power transmission. While putting on the harness, the Lock Tabs can be easily attached to the inside of the harness and afterwards connected to the belt.



TENSION  
THREADS

FLEX ZONES

## TENSION THREADS

The arrangement of the seams allows the forces acting on the hook to be directed evenly towards the middle of the harness. Thanks to the special alignment it is possible to stiffen the middle part and to make the edges more flexible. Thus, all our waist harnesses offer the perfect compromise between freedom of movement and support.



# HARNESSES

AVAILABLE FROM SPRING 2019



## NAVIGATE

**Direct support and optimal fit for long distance surfers and slalom pilots.**

- > 3D shaped back plate enables direct power transmission
- > Neoprene Belt for a perfect fit
- > Lumbar support with Neoprene Soft Edge individually adjustable by strap
- > Neoprene-covered, adjustable leg straps, not removable
- > Anti-slip silicone print in the lumbar area
- > Patented Secure Lock System 2.0
- > Sizes: S, M, L, XL

**95 €**

## SIZE CHART

	XS	S	M	L	XL
Waist size (cm)	70-75	75-82	81-86	86-91	91-96



## GLYDE

**The Allrounder with the plus in freedom of movement.**

- > Medium-high 3D shaped backplate ensures direct power transmission
- > Lumbar support with Neoprene Soft Edge individually adjustable by strap
- > Adjustable, covered leg straps, removable via clips
- > Anti-slip silicone print in the lumbar area
- > Patented Secure Lock System 2.0
- > Sizes: S, M, L, XL

**79 €**



## SECURE LOCK SYSTEM 2.0



All GUNSAILS Harnesses are equipped with the Secure Lock System 2.0. The proven system is completely covered with plastic in the rear area > Better handling and protection against wear out.

- > Size M: length of the bar: 25 cm, for harnesses in size S and M
- > Size L: length of the bar 30 cm, for harnesses in size L and XL

**24 €**

"The Secure Lock System is easy to use even with fully tensioned belts and has been one of the best closure systems for years."  
SURF Magazine, 08/2018





SOFT EDGE



NEOPRENE BELT SYSTEM



LOCK TABS

2x



SECURE LOCK 2.0



OUTER 3D SHELL



ERGONOMIC 3D SHAPE

## TRACE

**The high-end model with maximum support, unique freedom of movement and the most direct power transmission.**

- > Four-point hook attachment allows even better force distribution and stability
- > Ergonomic 3D interior shape for a perfect fit
- > Fully molded 3D outer shell for more response
- > Flex Zones for unique freedom of movement
- > Higher support area in the back
- > Pre-curved shape
- > Tension Threads for perfect power transmission
- > Neoprene Soft Edge for best comfort
- > Inner Neoprene Belt System for a perfect fit without slipping
- > Lock tabs for additional grip
- > Patented Secure Lock System 2.0 on both sides
- > Sizes: S, M, L, XL

**125 €**



SOFT EDGE



NEOPRENE BELT SYSTEM



LOCK TABS



SECURE LOCK 2.0



OUTER 3D SHELL



ERGONOMIC 3D SHAPE

## RELAY

**The hip harness with the successful combination of flex and support.**

- > Ergonomic 3D inner shape for a perfect fit
- > Flex Zones for unique freedom of movement
- > 3D Outer Shell along the Flexzones for more response
- > Pre-curved shape
- > Tension Threads for perfect power transmission
- > Neoprene Soft Edge for best comfort
- > Inner Neoprene Belt System for perfect fit without slipping
- > Lock tabs for additional grip
- > Patented Secure Lock System 2.0
- > Sizes: S, M, L, XL

**99 €**



SOFT EDGE



NEOPRENE BELT SYSTEM



LOCK TABS



SECURE LOCK 2.0



ERGONOMIC 3D SHAPE

## LEAN

**Light and flexible all-round harness for all disciplines.**

- > Ergonomic 3D inner shape for a perfect fit
- > Flex zones for unique freedom of movement
- > Pre-curved shape
- > Tension threads for perfect power transmission
- > Neoprene Soft Edge for best comfort
- > Inner Neoprene Belt System for perfect fit without slipping
- > Lock tabs for additional grip
- > Patented Secure Lock System 2.0
- > Sizes: S, M, L, XL
- > Also available in XS

**89 €**



# SURF



## GEARBAG

The aerodynamic Gearbag offers room for sails, masts and booms. Multiple loops at the sides of the bag allow to tie down the Gearbag easily on the car roof and prevent the sails from getting wrinkled from the straps. The Gearbag fits 4 sails, minimum 3 masts, 2 booms plus additional smaller equipment.

- > Upholstered bottom
- > Zipper rear hatch for easy unloading
- > Inside and outside compression belts
- > HMDTY Ventilation system
- > Padded separation with 6 slots for masts
- > Padded carry handles on front and rear



HMDTY Ventilation System



Zipper rear hatch for easy unloading

## GEARBAG WAVE

- > Length: 255 cm (masts until 460 cm)
- > Width Tail: 66 cm, Width Front: 45 cm
- > Height Tail: 30 cm

**109 €**

## GEARBAG SLALOM

- > Length: 280 cm (masts until 520 cm)
- > Width Tail: 66 cm, Width Front: 45 cm
- > Height Tail: 30 cm

**119 €**



Strap loops for fixation on the car roof



Lots of space for several rigs



## BOOMBAG

Transportation bag which holds up to 6 booms, with removable inner layer, offers additional space for plenty of accessory items.

- > 10 mm solid exterior foam padding
- > Inner compression belts
- > Mesh pocket in the cover
- > Shoulder strap and carry handles
- > Suitable for airline travel
- > L: 210 cm, W: 58 cm, H: 20 cm

**95 €**



## MASTBAG

The practical bag for transportation and storage of your carbon masts.

Protects your masts from UV and impacts during the transportation on the car roof.

- > 6 single compartments for 3-6 mast (with max. length of 490 cm)
- > 5 mm foam padding
- > L: 270 cm, W: 18 cm

**55 €**



## SAILBAG

Transportation bag for 5 - 6 sails and two-part masts.

- > Outer compression belts with quick-release fasteners
- > Zipper rear hatch for easy unloading
- > Foam padded carry handles at the front and rear
- > Length: 230 cm, extendable with zipper up to 270 cm
- > Width: 35 cm, Height: 32 cm

**69 €**



# B A G S

## BOARD BAG MEASUREMENTS

Length (cm)	230	240	240	240	250	250	260	270
Width (cm)	60	60	70	80	70	80	80	80

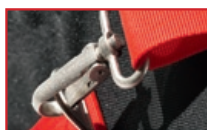


### BOARD BAG CLASSIC

- > 8 mm foam protection for a secure car transport and storage.
- > One side UV-reflecting, aluminium-covered surface against overheating
- > All-round padded 12 cm high edge
- > HMDTY Ventilation System
- > Velcro fastening fin opening
- > Shoulder strap

**89 €**

Outer padding with 8 mm (Classic) or 10 mm (Air Travel)



Detachable shoulder strap with high-quality metal carbine



### BOARD BAG AIR TRAVEL

- > 10 mm foam protection
- > Double upholstery on top and bottom at the front and rear
- > Solid and abrasion-proof PVC protection at the front and rear
- > HMDTY Ventilation System
- > Velcro fastening fin opening
- > Padded carry handles on front and rear
- > Shoulder strap

**230/60 to 240/80 cm**

**99 €**

**250/70 to 270/80 cm**

**109 €**



### FORMULA BOARD BAG

- > 10 mm exterior foam protection
- > Suitable for airline travel
- > PVC edge protection on nose and tail
- > Velcro fastening fin opening
- > Carry handles on front and rear
- > Shoulder strap
- > Length: 240 cm, Height of edges: 12 cm
- > Middle width 105 cm
- > Tail width (30 cm inwards): 88 cm,
- > Nose width (25 cm inwards): 82 cm

**139 €**



### DOUBLE BOARD BAG

- For two boards and accessories, with removable padded inside layer. It protects your boards, on airline travel or transportation on car roof.
- > 10 mm padding
- > Cross wheels at the rear
- > Solid and abrasion-proof PVC protection at the front and rear
- > Inner compression belts
- > HMDTY Ventilation System
- > Double upholstery on front and rear
- > Carry handles on nose and tail
- > L: 260 cm, W: 75 cm, H: 30 cm

**219 €**



Cross wheels

### SESSION BAG

- Foam padded bag for your complete rig.
- > For 3-4 Sails + booms + masts
- > Durable PVC edging with large cross wheels at rear
- > 6 compartments for detachable masts with maximum length of 460 cm
- > Large inner compartment, separated by a foam padded layer
- > Inner compression belts
- > HMDTY Ventilation System
- > 2 inner zipper mesh pockets for small items
- > Solid carry handles at the front and rear
- > L: 255 cm, W: 58 cm, H: 30 cm

**155 €**



### EQUIPMENTBAG

Our Equipment bag brings your surf tools and equipment in order.

- > Removable compartment for 4 fins up to 50 cm
- > Velcro fixation for mast extensions
- > Compartments for mast bases, tools, small stuff and screws
- > Variable inserts in order to set up the bag
- > Foam padded carry handles
- > Shoulder strap
- > L: 60 cm, W: 16 cm, H: 40 cm

**65 €**



### FINBAG

- Practical fin bag that stores and protects up to 10 fins.
- > Inner foam padded fin compartment, removable
  - > Inner compression belts
  - > Zipper mesh pocket in the top for tools or small items
  - > Foam padded carry handle
  - > L: 62 cm, W: 18 cm, H: 17 cm

**35 €**



### WETBAG

Never sandy neoprene suit again:

Just step in the wet bag, take off your wetsuit and close the zip afterwards.

- > Address pocket
- > HDMTY Ventilation system
- > Carry handle
- > Diameter: 95 cm

**24 €**



**1**

### VOYAGERBAG

Very roomy and practical travel bag for all of you who don't want to miss a thing during holidays.

- > L: 75 cm W: 40 cm H: 40 cm
- > Volume: 120 l

**119 €**



**2**

**2**

### FLIGHTBAG

Travel trolley, is classified as hand luggage.

- > L: 52 cm W: 32 cm H: 25 cm

**79 €**



**3**

**3**

### SPORTSBAG

The ideal sports and training bag by GUNSAILS. Ideal for all sporting activities or short trips.

- > L: 55 cm W: 30 cm H: 32 cm

**35 €**



**4**



**5**

**4**

### WASH N'GO

Toiletry bag.

- > L: 25 cm W: 15 cm

**17 €**

**5**

### WALLET

GUNSAILS Wallet.

- > 12,5 x 8,5 cm

**9 €**





# NEOPRENE



## FORCE SERIES

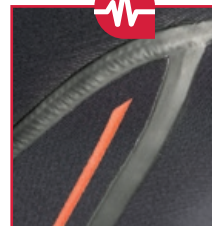


**FORCE FZ  
SEMIDRY HOOD 6/5**

**299 €**



**Front Zip Construction** with integrated drawstring allows significantly better freedom of movement in the back area as a back-zipper suit.



**S-Seal** on the glued and blind stitched seams makes the wetsuit more durable and waterproof.



**Thermo Plush Jersey** inside the torso and back area, at the front of the thighs (as well as hood) for additional warmth and cosy feeling.



**Shock Pads** protect the shinbone against impact injuries. **Tatex Protection** protects the knees against tearing and abrasion.



**Velcro Loops** at the ankles avoid water intrusion and can be removed if necessary.



**Melco Tape** reinforcement patches at stress zones avoid over ripping off of the seams.





## **FORCE SERIES**



 Freezing - 10°C



### **FORCE FZ SEMIDRY HOOD 6/5**

Never freeze anymore. The FZ Semidry Hood with Front Zip Construction is the warmest wetsuit in the GUNSAILS family. The highly elastic winter suit optimally combines protection, warmth and freedom of movement. All seams in the glued blind-stitched process are additionally provided with an elastic S-Seal, which makes the suit even more waterproof and durable.

> Sizes: 48 / 50 / 52 / 54 / 56

**299 €**

Size Chart on page 94



 Ca. 4°C - 12°C



### **FORCE FZ SEMIDRY 5/4**

Very warm autumn-winter wetsuit with front zipper for demanding surfers. All seams in the glued blind-stitched process are additionally provided with an elastic S-Seal isolation, which makes the suit even more waterproof and durable.

> Sizes: 48 / 50 / 52 / 54 / 56

**269 €**

The temperature data are only a rough guide where the products can be rationally used. Cold is perceived very differently from person to person and can be influenced by many factors (Physical fitness, fatigue, wind force, etc.). Additional neoprene accessories (e.g. hood, boots, gloves, converter arms, rashguard) can further extend the range of use.

**More details about neoprene products can be found on our website [www.gunsails.com](http://www.gunsails.com).**





**Velcro Closure** with 3 instead of only 2 velcro strips in the neck area, enables a very sensitive adjustment to close the collar optimally without any choking.



**Batwing Panel** including an extended head cuff at the back avoids that water, which soaks through the back zipper, gets in contact with skin.



**Thermo Plush Jersey** inside the front area for additional warmth and cosy feeling.



**Shock Pads** protect the shinbone against impact injuries. **Tatex Protection** protects the knees against tearing and abrasion. Including **Velcro Loops**.



**Melco Tape** reinforcement patches at stress zones avoid over ripping off of the seams.



**Key Pocket** at the leg, with flexible loop to store a (waterproof) key safely.

## → VISION SERIES



Ca. 5°C - 15°C



### VISION BZ SEMIDRY 5/4

Extraordinary warm and highly elastic semidry suit with glued blind-stitch construction for autumn and winter. Intelligent hybrid construction: double-laminated neoprene for maximum flexibility and comfort in sleeves and legs, combined with smooth skin panels in the torso area in order to protect against evaporation cooling.  
> Sizes: 48 / 50 / 52 / 54 / 56

**199 €**

Size Chart on page 94



Ca. 10°C - 20°C



### VISION BZ STEAMER 3,5

Very warm and highly elastic short-sleeve steamer in glued blind-stitch construction for autumn and cooler summer days. Intelligent hybrid construction: double-lined neoprene for maximum stretch and comfort in sleeves and legs, combined with smooth skin panels in the torso area in order to protect against evaporation cooling.  
> Sizes: 48 / 50 / 52 / 54 / 56

**169 €**



**VISION SERIES**



Ca. 15°C - 25°C



### **VISION BZ OVERKNEE 2,5**

Highly elastic short-sleeve over knee suit with classic flat-stitch seams. Thanks to the very comfortable ¾ legs combined with plenty of stretch and durability due to double-lined neoprene, this suit is an amazingly warm and versatile summer wetsuit.

> Sizes: 48 / 50 / 52 / 54 / 56

**119 €**



Ca. 20°C - 30°C



### **VISION BZ SHORTY 2,5**

Super comfortable short-sleeve shorty with robust flat-stitch seams. The extremely comfortable short-leg entry combined with a lot of stretch and longevity through double-lined neoprene makes it a classic summer wetsuit.

> Sizes: 48 / 50 / 52 / 54 / 56

**99 €**

Size Chart on page 94

The temperature data are only a rough guide where the products can be rationally used. Cold is perceived very differently from person to person and can be influenced by many factors (Physical fitness, fatigue, wind force, etc.). Additional neoprene accessories (e.g. hood, boots, gloves, converter arms, rashguard) can further extend the range of use.

**More details about neoprene products can be found on our website [www.gunsails.com](http://www.gunsails.com).**





## VISION SERIES



Ca. 15°C - 25°C



### VISION LONG JOHN 2,5

Sleeveless wetsuit with robust flat-stitched seams. The Long John is also the ideal suit for all Stand Up Paddlers, as it provides maximum freedom of movement in the shoulders. Due to the shoulder entry with velcro on both sides, the suit is also flexible adjustable.

Other features include Tatex Knee Protection, Shock Pads on the shin and a Key Pocket on the lower leg.

> Sizes: 48 / 50 / 52 / 54 / 56

**89 €**



Ca. 22°C - 30°C



### VISION MONOSHORTY 2,0

Sleeveless and super elastic summer shorty with high comfort and ideal flexibility. Due to the missing sleeves the Vision Monoshorty allows the maximum freedom of movement and will be also ideal for stand up paddling or surfing.

> Equipped with a key pocket on the thigh

> Sizes: 48 / 50 / 52 / 54 / 56

**59 €**



Ca. 15°C - 30°C

### NEO SHORTS 2,5



The Neo Shorts can be worn single or underneath a boardshort, or in winter even under the wetsuit for extra warmth. Thanks to the form fitting cut, it is not too bulky and the abdomen and kidney region are well protected and warmed due to the additional Thermo Plush Panels.

> Made of elastic double-lined neoprene

> Draw cord at waistband

> Key Pocket

> Sizes: 48 / 50 / 52 / 54 / 56

**39 €**



Ca. 5°C - 15°C

### CONVERTER ARMS 2,5

Made of double-laminated S-Class neoprene.

> Ideal supplement for short-sleeve Steamer and Overknee

> Sizes: 48 / 50 / 52 / 54 / 56

**19 €**

Size Chart on page 94



## VISION SERIES



**Shock Pads** absorb impact and create buoyancy

### FLOATER ONE

The Floater One is an impact protection vest with more lift than the Impact One (no life jacket). The Shock Pads are distributed in the chest and hip area. The cut is body-accented, the vest sits solid and does not slip. Because of the plus of Shock Pads, the vest is more suitable in combination with a seat harness.

> Sizes: XXS, XS, S, M, L, XL, XXL

**69 €**

Size Chart on page 94



**Shock Pads** absorb impact and create buoyancy



**Waist Harness Compatible** describes a special construction, which allows the comfortable wearing of a hip harness.

### IMPACT ONE

The Impact One has a special design and shape that allows a comfortable and easy use of a hip harness without restricting the freedom of movement. The elastic construction and body-accented cut prevent from annoying sliding up. The Shock Pads in the upper part provide the vest with great shock absorption characteristics and act as a slight buoyancy aid (not a life jacket). Additionally, the Impact One vest provides you with an extra of warmth when used in winter.

> Sizes: S, M, L, XL, XXL

**65 €**

**Safety note:** Impact One and Floater One are NO Lifejackets. Users must be able to swim. No protection against drowning in case of unconsciousness.

The temperature data are only a rough guide where the products can be rationally used. Cold is perceived very differently from person to person and can be influenced by many factors (Physical fitness, fatigue, wind force, etc.). Additional neoprene accessories (e.g. hood, boots, gloves, converter arms, rashguard) can further extend the range of use.

**More details about neoprene products can be found on our website [www.gunsails.com](http://www.gunsails.com).**





 Ca. 25°C - 35°C

## RASHGUARDS

Rashguard shirts offer best protection against damaging effects of sunlight as well as abrasions caused by harness or sharp non-slip coating. Furthermore, they can also be worn underneath the regular wetsuit in order to offer an additional thermal layer.

- > Made of UV Flex Jersey in 6oz. for pleasant wearing comfort
- > Fix loop can be fixed with your board shorts' cording and avoids sliding up
- > Sizes: S, M, L, XL, XXL

**LONG SLEEVE 25 €**

**SHORT SLEEVE 22 €**



 Ca. 20°C - 30°C

## NEO TOPS 2/1

Neo tops protect, similar to the Rashguard shirts, against damaging effects of sunlight as well as against abrasions caused by harness or sharp non-slip coating. They are made of 2/1 mm double-lined neoprene and are equipped with additional Thermo Plush Jersey. Thus, they significantly offer more warmth and they can also be worn underneath the wetsuit.

- > Fix loop can be fixed with your board shorts' cording and avoids sliding up
- > Sizes: S, M, L, XL, XXL

**LONG SLEEVE 49 €**

**SHORT SLEEVE 45 €**

Size Chart on page 94



 Ca. 15°C - 30°C


## NEO SHOES 2,5

The Neo Shoes are especially suitable for warmer surf spots where protection and grip are more important than heat insulation.

- > Robust, two-ply rubber sole with cut-out in the toe bend for more flexibility
- > Rubber sole patches protect the sole of the foot and are pulled up at the sides. This gives the shoe additional grip and stability
- > Sizes: 37, 38/39, 40/41, 42, 43/44, 45/46

**32 €**



 Ca. 12°C - 25°C

## NEO SOCKS 4/3

Authentic barefoot feeling.

- > Made of robust double-lined neoprene
- > Internal split toe construction adds grip to the toe area and effectively prevents the socks from twisting around the foot
- > One-layer Rubber Sole Patch protects the sole of the foot and is only partially pulled around at the sides
- > Sizes: 37, 38/39, 40/41, 42, 43/44, 45/46

**39 €**



 Ca. 0°C - 15°C

## NEO BOOTS 5/4

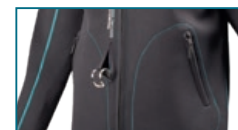
Great heat insulation, protection and stability of the foot.

- > Made of robust double-lined Neoprene
- > Water-repellent prints in the clamping area
- > Rubber sole patches protect the sole of the foot and are pulled up at the sides
- > Robust, double-layered rubber sole with cut-out in the toe bend for more flexibility
- > Internal split toe construction adds grip to the toe area and effectively prevents the boot from twisting around the foot
- > Sizes: 37, 38/39, 40/41, 42, 43/44, 45/46

**47 €**



Ca. 0°C - 20°C



**Waist Harness Compatible**  
describes a special construction,  
which allows the comfortable  
wearing of a hip harness.

## NEO JACKET 2,5

The Neo Jacket is a practical jacket which offers extra warmth while rigging and de-rigging and it also gives you a casual look. Worn over the suit or single, it protects you from the elements, wind and rain, thanks to its adjustable hood, the large zipper pockets and enlarged back part. The harness hook can be inserted through the slot in the abdominal area so that you can easily wear the jacket together with a hip harness.

> Sizes: M, L, XL

**115 €**



## NEOPRENE GLUE

> 35 ml – black

**7,50 €**



## NEOPRENE CARE

> 250 ml

**12 €**

## PONCHO

With the GUNSAILS Poncho, you have all in one:  
bathrobe, towel and mobile changing room.

> Material: Polyester Terry

> Colour: Dark grey

> One size fits all

**39 €**

### SIZE CHART

Size EU/US	Weight kg	Body size cm	Chest size cm	Waist size cm
48/S	61-70	170-176	92-98	74-81
50/M	68-77	174-180	96-103	79-86
52/L	77-88	178-185	101-107	83-90
54/XL	86-96	182-188	106-113	88-95
56/XXL	95-105	185-191	112-118	94-101

### SIZE CHART VESTS

Size EU/US	Body size cm	Chest size cm
44/XXS	156 - 162	80 - 84
46/XS	164 - 170	83 - 88
48/S	168 - 175	86 - 94
50/M	172 - 179	92 - 101
52/L	177 - 184	100 - 109
54/XL	180 - 187	105 - 113
56/XXL	184 - 190	111 - 117





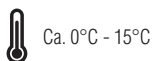
Ca. 0°C - 10°C

## NEO HOOD 3,0

Intelligent combination of smooth skin and double-laminated S-Class neoprene ensures excellent heat insulation in the head area.

- > Soft Thermo Plush inner jersey keeps you warm
- > Small holes around the ears improve acoustics and orientation
- > Smooth skin coating along the face opening
- > EVA Shield protects the eyes from sun, wind and rain
- > Sizes: M, L, XL

**22 €**



Ca. 0°C - 15°C

## NEO BEANIE 2,5

2,5 mm waterproof S-Class neoprene on limestone basis protects the head from wind and weather.

- > For use on the water but also on land
- > Colours: grey and black
- > Sizes: M, L, XL

**17 €**



Ca. 0°C - 15°C

## NEO HEADBAND

- > 3 mm strong S-Class Neoprene
- > Velcro fastener on the back of the head
- > One size fits all

**8 €**



## LOGO BEANIE

100% soft Acryl (soft touch).

- > Colours: Dark Grey and Light Grey
- > One size fits all

**12 €**



## HEAD SET

Light head protection helmet of EVA hard foam.

- > Velcro size adjustment
- > Interior neoprene hood
- > One size fits all

**39 €**



Removable EVA ear protector

## HYDRO HELMET

Water sports helmet.

- > Outer shell made of impact-resistant ABS
- > Water-repellent EVA inner shell
- > Ventilation holes
- > Adjustable chin strap and turn-buckle at the back for size adjustment
- > Removable EVA ear protector
- > Color: matt black or white
- > Sizes (head circumference): S (53-55 cm), M (55-57 cm), L (57-59 cm), XL (59-61 cm)

**35 €**

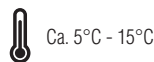


Ca. 0°C - 15°C

## NEO GLOVES

- > 3 mm Skin Neoprene on the outside
- > Double-lined neoprene on the inside as well as on the wrist
- > Pre-curved fit for improved fitting and fatigue-free sailing
- > Tactex rubber coating on the inside hand for better grip
- > Sizes: S, M, L, XL

**34 €**



Ca. 5°C - 15°C

## NEO MITTENS 2,5

This mitten made of 2,5mm Skin Neoprene with open palm keeps wind and splash water away and thus warms your hands. Nevertheless, you have direct contact with the boom.

- > Pre-Curved Fit, Split Finger Cut
- > Sizes: S, M, L, XL

**19 €**



Ca. 20°C - 35°C

## AMARA GLOVES HALF FINGER

Prevent blisters on palms and fingers.

- > Abrasion resistant Amara suede inner surface
- > Breathable, airy flex jersey outer surface
- > Sizes: S, M, L, XL

**15 €**



## 2 IN ONE - WINDSUP

GUN SUP inflatable stand up paddle boards with a windsurf function. Our new board generation almost delivers the performance of a huge hardboard and offers all advantages of an inflatable SUP. Stored in a portable trolley bag it's easy to take it with you everywhere. Discover the most beautiful landscapes on a stand up paddle tour or enjoy some breezes during a windsurf session. It's the perfect all in one solution for all water sports enthusiasts.

### Two in one – WindSUP

The next generation of our inflatable SUP boards is ready! New features, a fresh design and reduced board weights are waiting for you. With the MovAIR we've added a new model to our range. Specially developed as an all-round SUP board for the whole family and completely covered with a soft EVA deck for better grip.

As it should be for a windsurfing brand - each board is equipped with a windsurfing option that turns your SUP into a windsurfer in no time. The dragfin in the middle of the board supports upwind sailing, prevents windward drifting and additionally improves the driving stability.

Whether beginner or advanced, windsurfing has never been easier!

[WWW.GUNSAILS.COM/SUP-HOME](http://WWW.GUNSAILS.COM/SUP-HOME)



Discover the whole board range





GUN SUP

I N F L A T A B L E  
W I N D S U P







# TERMS & CONDITIONS

## ORDERS

Orders can be placed by phone, fax, mail or the Internet. Please always give your name and address as well as your telephone number for further inquiries. If available, please also give your customer number; it is written on the address field of the catalog envelope and on our invoices. If the delivery address differs from your home address, please clearly state this. Our friendly customer service will be happy to assist you if you have any further questions.

## SHIPPING WITHIN GERMANY

Shipping is by parcel service, DHL or UPS or forwarding company. Depending on the shipment volume, it may happen that we distribute the shipment to different service providers. The shipping charges for deliveries within Germany are 15 EUR for sails, masts, booms and other bulky items, for small parts up to 3 kg and wetsuits 5 EUR. Express deliveries with delivery on the next day is possible by telephone order for a surcharge of 20 Euros, surcharge for Saturday deliveries is 40 Euros. Delivery times are Monday through Friday 8-18 o'clock. The standard shipping time is one to two days.

## SHIPPING ABROAD

Under the heading Shipping you will find on our website the flat rates to the respective country of delivery. If we are going to ship the goods to a country that is not listed, please contact us to get the exact shipping cost. Shipping is by UPS, DHL or forwarding company. Returns are at the expense of the customer. Foreign shipments can be paid by credit card (Visa, Mastercard), PayPal or advance payment (transfer to our account after receipt of a proforma invoice). Cash on delivery is possible within the EU (except Greece and the new EU countries), Norway and Switzerland. The surcharge for cash on delivery abroad is a flat rate of 15 EUR. VAT Reimbursement: For customers from non-EU countries, German VAT is deducted directly from the invoice amount. Please note the customs regulations of your country.

## PAYMENT

The prices quoted in the catalog are in EURO, include VAT and are exclusive of applicable shipping costs. When ordering, you can choose between payment in advance, by credit card, cash on delivery, Paypal or SEPA direct debit.

**By advance payment:** You will receive a proforma invoice by e-mail. After receipt of money on our account, the goods will be shipped immediately.

**Cash on delivery:** COD payments will be collected directly by parcel service in cash. The COD charge is 15 EUR.

**By credit card:** When paying by credit card (VISA or Mastercard), please state the card number, the expiry date of the card, the cardholder and the card verification number when placing your order.

**By SEPA direct debit:** We will send you a form to fill out and sign, after return of this form, we will debit your bank account.

## EXCHANGE

If you want to exchange an item, GUNSAILS assumes the costs of the return transport within Germany. For bulky goods such as sails, boards, booms, masts or board bags please use our return service, a short call to us is sufficient and we take care of the return of the goods. Small shipments please send sufficiently franked by post back to us. We will refund the postage via a refund or credit. Please do not send not-prepaid packages, they will not be accepted. The goods must be returned unused, free from damage and in their original packaging. A return slip is included with each shipment or can be downloaded from our website. For the new shipment we charge our normal freight flat rate. For Returns from abroad, the customer will pay the expense.

## WITHDRAWAL

You have the right to withdraw from this contract within fourteen days without giving any reason. The revocation period is fourteen days from the day on which you or a third party named by you, who is not the carrier, has or has taken possession of the last goods.

To exercise your right of withdrawal, you must contact us, the Gun Sails v. Osterhausen GmbH, Johannstr. 45, 66131 Saarbrücken, E-Mail: [service@gunsails.de](mailto:service@gunsails.de), Tel.: +49 6893 80110, Fax: +49 6893 70628 by means of a clear statement (e.g. a letter sent by post, fax or e-mail) about your decision to withdraw this contract. You can use the attached withdrawal form, which is not required. In order to maintain the cancellation period, it is sufficient for you to send the notification of withdrawal before the expiry of the withdrawal period. Further information can be found on our website at: <https://gunsails.com/en/right-of-withdrawal>

## CONSEQUENCES OF THE CANCELLATION

If you withdraw from this Agreement, we refund all payments we have received from you, including delivery charges (except for the additional costs arising from choosing a different delivery method than the most favorable standard delivery) immediately and at the latest within fourteen days from the date on which the notification of your revocation of this contract has reached us. For this refund, we will use the same form of payment that you used in the original transaction, unless otherwise agreed with you. In no case will you be charged for this repayment fees. We may refuse refund until we have received the goods back or until you have provided proof that you have returned the goods, whichever is the earlier. You must return the goods to us immediately and in any event not later than fourteen days from the date on which you inform us of the cancellation of this contract. The deadline is met if you send the goods before the deadline of fourteen days. You carry the immediate costs of returning the goods. The cost is estimated at a maximum of about 50 EUR. You only have to pay for a possible loss in value of the goods, if this loss of value is due to a handling that is not necessary for the examination of the nature, characteristics and functioning of the goods.

## CANCELLATION BY RETURNING THE GOODS

You can revoke the contract, as usual, by the mere return of the goods at: Gun Sails v. Osterhausen GmbH, Johannstr. 45, 66131 Saarbrücken. If you send the goods back to us within the statutory period of withdrawal without any explanation, we consider this as a revocation of the contract.

All the documents that can help you with the return can be found together with the delivery note on your shipment.

If you have questions about your right of withdrawal or order, please contact our Service Center.

## COMPLAINTS / TRANSPORT DAMAGES

If there is a problem with a product supplied by us, please contact our hotline immediately. Of course, we are happy to help. Please check the shipment immediately upon receipt for completeness and integrity. If the package is damaged, please complain to the delivery person immediately. In this case, please contact us as well. Subsequent complaints can not be accepted.

The European Commission provides a platform for online dispute resolution (OS). This gives consumers the opportunity to settle disputes in connection with their online order without the intervention of a court. The platform can be reached at the external link <https://ec.europa.eu/consumers/odr/main>.

## CHANGES

We reserve the right to make technical changes for product and quality improvement without prior notice.

## USE OF YOUR DATA

When processing your data, your legitimate interests are always considered in accordance with the law. We process your personal data for order processing and in this context, if necessary, also forward it to third parties, e.g. Parcel Services. Furthermore, we use your address and order data for our own marketing purposes. This may also include the use of the address data in the legally permitted manner for postal advertising purposes (excluding telephone or e-mail advertising) by our trusted partners. You may reject the use, processing or transmission of your data for marketing purposes at any time by sending a written notice to Gun Sails Service, Johannstr. 45, 66131 Saarbrücken or by e-mail to: [service@gunsails.de](mailto:service@gunsails.de). Upon receipt of your objection, we will stop submitting the promotional material including our catalogs to you. Further information can be found on our website at: <https://gunsails.com/en/privacy-policy>

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