



Gastra

# 2012

Brochure



**Gastra.com**

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PETER MUNZLINGER





Since the birth of windsurfing the name Gaastra stands for high quality and innovative products. So I did not hesitate for long when I saw the chance to realize my ideas and imagination together with a great Gaastra team rider. An extremely challenging task, because after all Gaastra designs enjoy a high esteem whether you're a pro rider or a recreational surfer.

We did not have much time so we immediately began to develop the the 2011 Vapor. There was a lot of work in a narrow time window, but I've learned a lot and we have made rapid progress.

Of course, now comes the question:

*"What is the biggest change in the 2012 range?"*

The answer is not an optical gimmick but a lot of detail work. We have worked on all sail outlines, profiles and tension as much as possible in order to get smooth character. In addition, we have processed new materials, which made them more robust and still light weight and the look of the sail is completely new. We already proved that we are on the right path, last but not least the outstanding success of the Pure which just won the Men and Women's Freestyle World Champion in the 2011 PWA season and the podium places for the 2011 Vapor.

Testings are very important from my point of view. I'm based on Sardinia, where we have all year long a huge variety of different test conditions. Furthermore we test a lot on Lake Garda, South Africa, Bonaire and the South of France on a regular basis. In addition there are all the stops for the PWA World Tour and of course all home spots of our team riders.

Our own factory in China is actually working nonstop to produce new prototypes. After we finished one line, the next will follow seamlessly. In addition to the well known and proven designs, we have developed a couple of completely new sails for 2012.

Check them out and give them a try. You will be surprised by the lively and balanced performance of the new sails.

HAVE FUN SAILING  
*Peter Munzlinger*

Peter Munzlinger (Gaastra Sail Designer)



wave / cross



**MANIC**  
Radical Wave



**MANIC HD**  
Radical Wave HD



**POISON**  
Power Wave



**IQ**  
Newschool Wave



**PURE**  
Freestyle



**CROSS**  
Crossover



**FOXX**  
Youth



**FREETIME**  
Learn



**MASTS**



**BOOMS**



**EXTENSIONS**



**HARNESSES**



**WATERWEAR**



youth / learn



rig



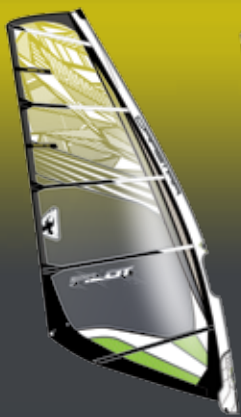
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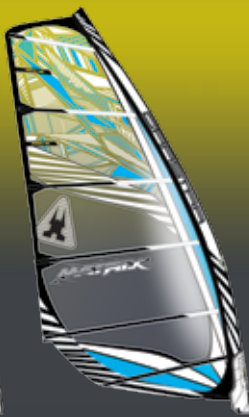
freeride



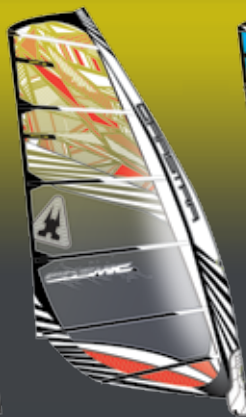
slalom / race



**PILOT**  
Freemove



**MATRIX**  
Freeride



**COSMIC**  
Freeride / -race



**SAVAGE**  
Freerace



**PHANTOM**  
Speed / Freeride



**VAPOR**  
Race / Slalom



POWERED BY  
**INNOVATION**  
GAASTRA WINDSURFING

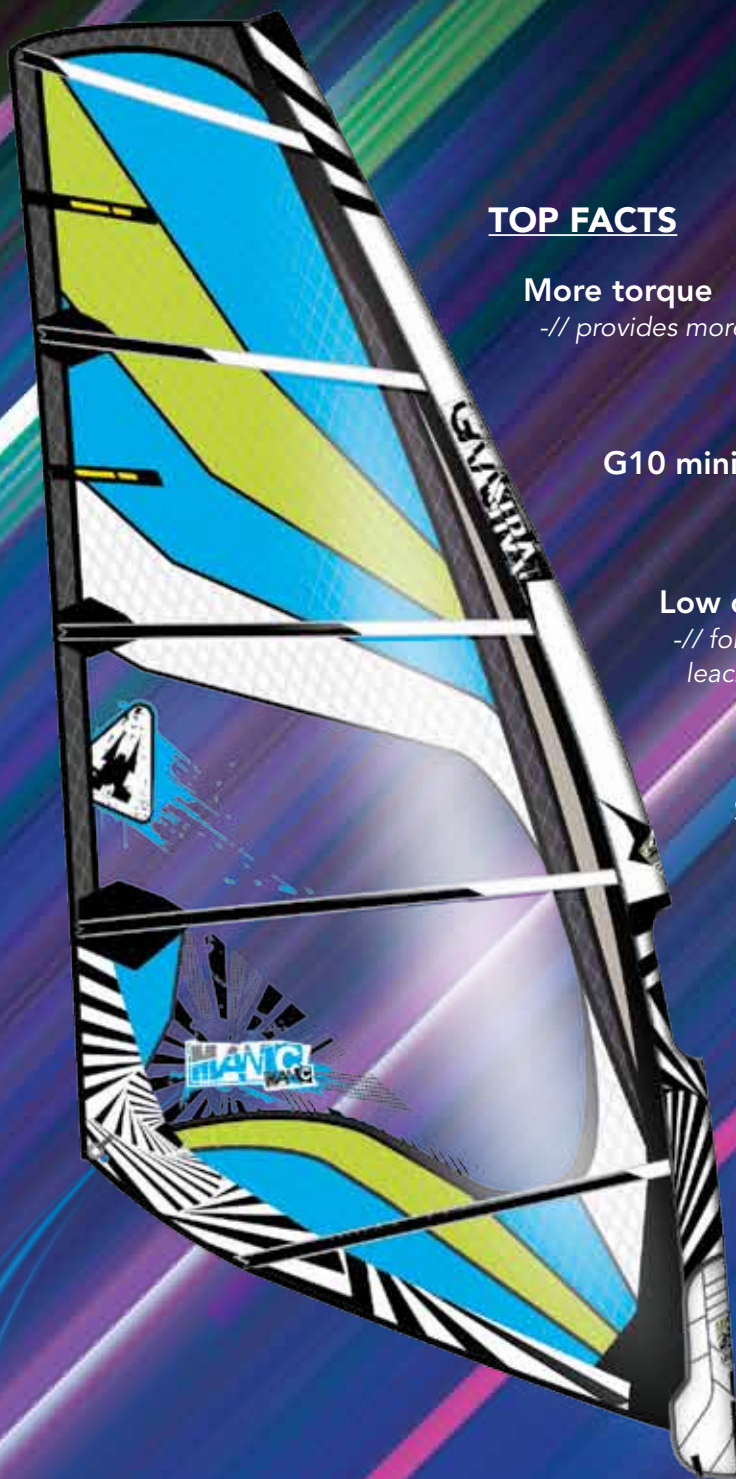












## TOP FACTS

### More torque

-// provides more power for multifin boards

### G10 mini battens

### Low clew position

-// for better control in bottom turns and better leach twist

### Soft, elastic and alive character

-// for fast response and improved handling

### Shorter luff panels

-// gives better maneuverability

### Radial Panel Layout

-// for optimized profile, twist control and durability

## MANIC COLORMAP



\*C 2



C 3



C 4



C 5



# MANIC: PASSIONATE CONTROL FREAK



The revolutionary and highly successful regeneration of last year's Manic has the 2012 model increasing greater durability and perfect fine-tuning within the range. With 5.7 through 3.7 the ultra-light handling and the extreme control for the Manic is always there. It is soft, balanced and neutral on waves. It reacts immediately and the pressure can turn directly on or off. Nevertheless, it will bring you through the impact zone without any problem. The 2012 design offers an even more pure Manic feeling than ever! It will be difficult to find a better all around sail for waves or stormy flat water days. In big waves the Manic is in a class of its own even for light or heavy riders because of incredible handling and twist characteristics!

## RESEARCH & DEVELOPMENT

Peter: "After the extreme update last year where we had adopted much of the development from the IQ to the Manic, our main task was fine-tuning the sails and getting into detail."

The new radial panel layout supports the radical design changes of last year while the sail absorbs forces optimally and evenly throughout the whole sail. This provides a perfect profile with ultimate twist control and durability. By small changes on the outline we fit the riding experience inside the entire range.

In addition, the lower part of the sail has again been revised and the leach increased, resulting in a light and convenient sail which is even more durable than before. What remains is the dacron luff panel for a resilient and soft feel. The pressure point is concurrently far forward in the sail so control is not lost. The low profile with the magic twist in the leach make the sail extremely smooth and easy especially in the biggest of waves.

## ROSS WILLIAMS SAYS

"The 2011 Manic has convinced me completely with the new design details of the 2012, that the sail is easier to handle and at the same time more robust. I can hit the wave always 100% without thinking about any damages. Thanks Peter, I call that perfect precision work."

## BOTTOM LINE

The Manic is a great sail for all conditions and all windsurfers. When it comes to performance in big waves, it is in a class by itself; a radical wave sail with neutral handling no matter what happens.

SIZE	KG	MAST	IMCS	LUFF	BOOM	BASE	BATTEN	HEAD/TOP	CAMS	RECOM. MAST
3.3	2.8	370	17	340	140	0	4	Vario	0	Gaastra 75 RDM
3.7	2.9	370	17	358	146	0	4	Vario	0	Gaastra 75 RDM
4.0	3.1	370	17	374	151	5	4	Vario	0	Gaastra 75 RDM
4.2	3.4	370	17	382	156	12.5	5	Vario	0	Gaastra 75 RDM
4.5	3.5	370	17	395	160	27.5	5	Vario	0	Gaastra 75 RDM
4.7	3.5	400	19	402	163	2.5	5	Fixed	0	Gaastra 100 RDM
5.0	3.7	400	19	410	165	12.5	5	Fixed	0	Gaastra 100 RDM
5.3	3.8	400	19	420	171	22.5	5	Fixed	0	Gaastra 100 RDM
5.7	3.9	430	21	436	178	7.5	5	Fixed	0	Gaastra 100 RDM

Compatible with other masts that are equal in length and IMCS.

Current technical specifications! All rights reserved to improve / modify / change any product at anytime.





## TOP FACTS

### Full X-Ply Constuction

-// provides unreal durability

### More torque

-// provides more power for multifin boards

### G10 mini battens

### Low clew position

-// for better control in bottom turns and better leach twist

### Soft, elastic and alive character

-// for fast response and improved handling

### Shorter luff panels

-// gives better maneuverability

### Radial Panel Layout

-// for optimized profile, twist control and durability

## MANIC HD COLORMAP



C1



C2



C3



\*C4



# MANIC HD: REAL SURVIVALIST

You will find the same successful DNA in the Manic HD as in the Manic plus the bullet-proof Xply throughout the whole sail. So whatever you have on your mind, don't worry about the Manic HD. Now more than ever after checking every small detail again, the Manic HD has a soft balanced ride experience and is completely neutral on the wave. It reacts immediately and can be turned on and off. Nevertheless, it will bring you through the impact zone without any problems. If you want a bomb proof sail, the Manic HD delivers the goods. Big waves, sharp reefs and rocky launches, the Manic HD can take whatever you throw at it!

## RESEARCH & DEVELOPMENT

Peter: "After the extreme update last year we had adopted much of the development of the IQ in the Manic HD. The main task this year was to fine-tune the sails and to go into detail."

Xply throughout the sail in addition to the already complex evolutions of the Manic makes the sail extremely durable. The new radial panel layout of Gaastra supports once again the radical changes, such as the much shorter luff by absorbing the forces on the sail and evenly spreading them throughout the whole sail, optimizing the profile, twist control and durability.

By small changes in the outline, we voted the riding experience within the range even better. In addition, we have again revised the bottom window of the sail and strengthened the leach. The result is a versatile and lightweight sail with even longer durability. We have maintained the dacron luff panel for a resilient and softer feel. The pressure point is concurrently always far forward in the sail to maintain control. A low profile with perfect twist in the leach make the sail extremely easy and smooth to ride.

## JAMIE HANCOCK SAYS

"Last year, I didn't have to swim home much because of broken material as in previous years. After the first few trips with the 2012 Manic HD, I am sure that I will swim even less in the future despite the increasing power in my moves. This is cool because I hate swimming!"

## BOTTOM LINE

The Manic HD: Robust and more agile than ever before. Identical to the shape of the Manics plus Xply throughout the whole sail. It is the perfect companion, especially in rocky grounds and a true survivor in most extreme situations. When it comes to performance in big waves, the Manic HD is in a class of its own; a radical wave sail with absolutely neutral handling no matter what happens.

SIZE	KG	MAST	IMCS	LUFF	BOOM	BASE	BATTEN	HEAD/TOP	CAMS	RECOM. MAST
3.3	2.9	370	17	340	140	0	4	Vario	0	Gaastra 75 RDM
3.7	2.9	370	17	358	146	0	4	Vario	0	Gaastra 75 RDM
4.0	3.0	370	17	374	151	5	4	Vario	0	Gaastra 75 RDM
4.2	3.4	370	17	382	156	12.5	5	Vario	0	Gaastra 75 RDM
4.5	3.5	370	17	395	160	27.5	5	Vario	0	Gaastra 75 RDM
4.7	3.5	400	19	402	163	2.5	5	Fixed	0	Gaastra 100 RDM
5.0	3.7	400	19	410	165	12.5	5	Fixed	0	Gaastra 100 RDM
5.3	3.8	400	19	420	171	22.5	5	Fixed	0	Gaastra 100 RDM
5.7	3.9	430	21	436	178	7.5	5	Fixed	0	Gaastra 100 RDM

Compatible with other masts that are equal in length and IMCS.

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## TOP FACTS

Real World Wavesail

Five battens skeleton

Higher clew position

-// better suited for bigger guys

X-Ply luff panel

-// locks in the shape and performance

Handles onshore conditions and bump & jump

Radial Panel Layout

-// for optimized profile, twist control and durability

### POISON COLORMAP



C 1



C 2



\*C 3



C 4



# POISON: NO COMPROMISE POWERHOUSE



The heavy punch of the Poison is still the best response to gusty onshore conditions. The deep profile located slightly to the back ensures the 2012 Poison is still the most powerful sail in our wave range. The profile alignment is optimized for the new radial panel layout. Combining this with the double x-ply luff panel increased the wind range significantly. Huge reinforcements and a new construction in the lower sail body makes the Poison much tougher than its predecessor. Bigger riders and less experienced riders will especially love the extra power in the Poison when passing the shore break. Nevertheless, the Poison's handling on the wave is neutral enough to nail down the hardest tricks.

## RESEARCH & DEVELOPMENT

Peter: "Get up and go! The basic concept of the Poison stayed the same, but we managed to make it more efficient with many small updates."

The longer boom and deep profile gives power to the Poison. Combining two luff panels with the new radial panel layout results in a very stable and predictable sail optimizing profile, twist control and durability. This is an important characteristic with the power that comes from the Poison. A high clew position makes the leach more rigid, insuring ease in handling the power of the Poison, even in the most extreme situation. This also makes the sail more comfortable for bigger riders.

## ARNON DAGAN SAYS

"In locations like Sylt, where you have to fight against strong currents and mostly massive shore break, the Poison is invaluable. It takes you out easily and will do whatever you want once you are on the wave, even in the most powered up conditions."

## BOTTOM LINE

Whether you are in wavy or flat water conditions the Poison is an excellent choice. Anyone who likes a slightly back handed sail is in the right place with the Poison. Just sheet in and gusty winds or strong currents are no longer an issue.

SIZE	KG	MAST	IMCS	LUFF	BOOM	BASE	BATTEN	HEAD/TOP	CAMS	RECOM. MAST
4.0	3.3	370	17	378	151	10	5	Vario	0	Gaastra 75 RDM
4.2	3.4	370	17	389	157	20	5	Vario	0	Gaastra 75 RDM
4.5	3.5	400	19	403	160	5	5	Fixed	0	Gaastra 100 RDM
4.7	3.5	400	19	409	164	10	5	Fixed	0	Gaastra 100 RDM
5.0	3.6	400	19	416	165	17.5	5	Fixed	0	Gaastra 100 RDM
5.4	3.9	400	19	423	173	25	5	Fixed	0	Gaastra 100 RDM
5.8	4.2	430	21	443	178	15	5	Fixed	0	Gaastra 100 RDM
6.2	4.3	430	21	454	185	25	5	Fixed	0	Gaastra 100 RDM

Compatible with other masts that are equal in length and IMCS.

Current technical specifications! All rights reserved to improve / modify / change any product at anytime.

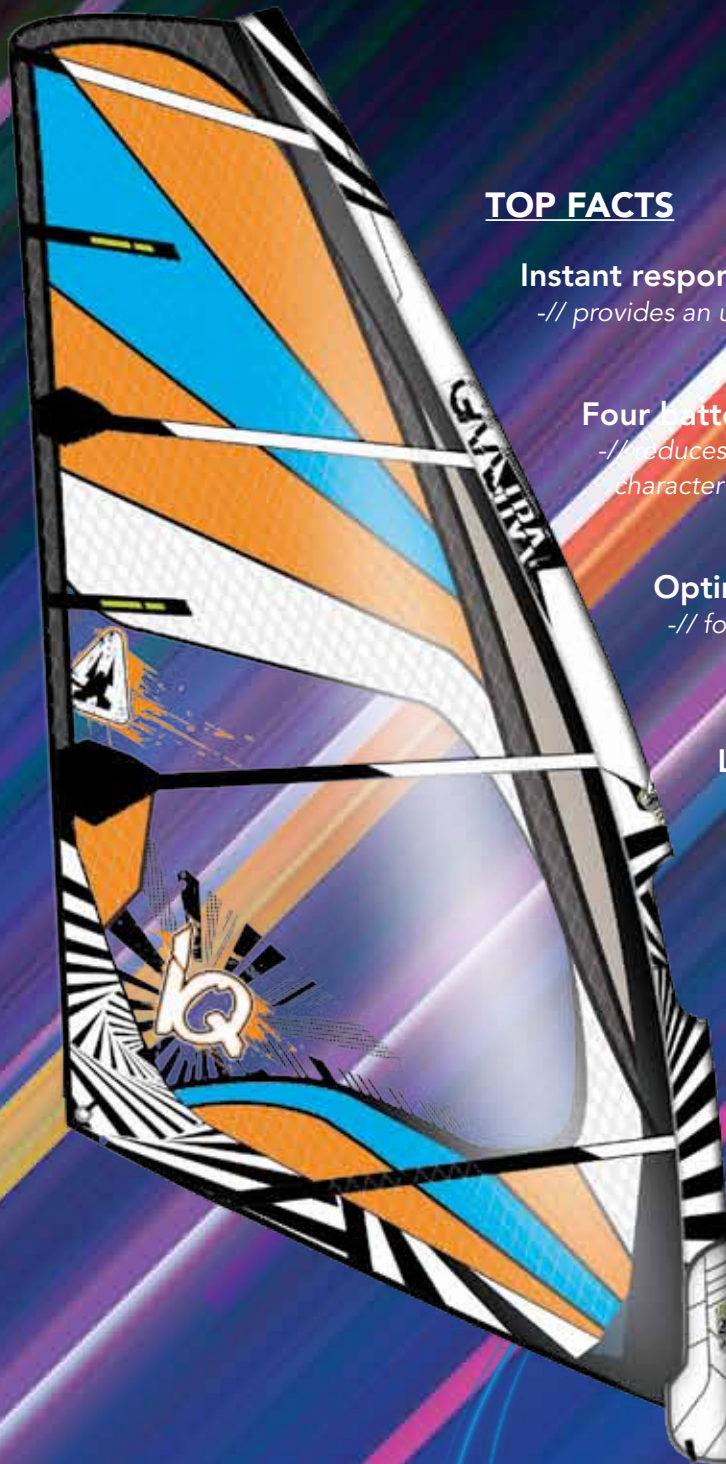












## TOP FACTS

### Instant response character

-// provides an ultimate ON / OFF control

### Four battens skeleton up to 5.0

-// reduces weight and provides powerful but forgiving character

### Optimized view windows

-// for improved visibility

### Low aspect outline

-// gives most aggressive wave performance

### Short luff lenght

-// for more control

### Radial Panel Layout

-// for optimized profile, twist control and durability

## IQ COLORMAP



C 1



C 2



C 3



\* C 4



The 2011 IQ defined the concept of new school wave sailing from scratch. The IQ successor has even more control and freedom of movement on a wave. That makes you speechless? Hold on until you give it a shot yourself. The ultra compact design combines early planing with radical maneuverability in unprecedented symbiosis. It is light as a feather but still comes with plenty of power. It is the baby of Thomas Traversa and for the current design Alex Mussolini gave even more additional input. The IQ is light, powerful and radical. You will be amazed how deep it gets you in the pocket of the wave. It's performance handles the modern multi-fin wave boards in perfect harmony and you will appreciate the power on mushy waves.

## RESEARCH & DEVELOPMENT

Peter: "With Thomas and Alex, we have two very extreme surfers in our team. Their input has helped us a lot to make the new IQ slightly more radical. Those two ask for the 3.3 in the range as well."

The refined leach and slightly wider head outline provides a more controlled twist in strong wind. The new radial panel layout provides an optimized profile with twist control and durability in extreme situations. A completely new 3.3 is added to the range, which now only goes to 5.7 square meters as the brand new Pure covers these the freestyle sizes. The lower part of the sail window was redesigned and is now absolutely "bullet proof". The IQ has four battens from 3.3 to 5.0, and the sizes 5.3 and 5.7 now come with 5 battens for more stability. The whole range of sizes were tuned and refined again completely.

## THOMAS TRAVERSA SAYS

"It's a great feeling when your baby shows such good progress. The 2nd generation of the IQ makes it even easier for me to smack the wave as radical as possible. It fits perfectly to my surfing style and on top provides plenty of power when I want it."

## BOTTOM LINE

If you are planning a revolution, trust in the IQ, it will not let you down!

SIZE	KG	MAST	IMCS	LUFF	BOOM	BASE	BATTEN	HEAD/TOP	CAMS	RECOM. MAST
3.3	2.7	370	17	340	140	0	4	Vario	0	Gaastra 75 RDM
3.6	3.1	370	17	353	141	0	4	Vario	0	Gaastra 75 RDM
4.0	3.2	370	17	372	150	2.5	4	Vario	0	Gaastra 75 RDM
4.2	3.2	370	17	378	155	10	4	Vario	0	Gaastra 75 RDM
4.5	3.3	370	17	390	159	22.5	4	Vario	0	Gaastra 75 RDM
4.7	3.3	370	17	394	164	25	4	Vario	0	Gaastra 75 RDM
5.0	3.4	400	19	404	169	5	4	Fixed	0	Gaastra 100 RDM
5.3	3.7	400	19	416	176	17.5	5	Fixed	0	Gaastra 100 RDM
5.7	4.0	430	21	432	182	2.5	5	Fixed	0	Gaastra 100 RDM

Compatible with other masts that are equal in length and IMCS.

Current technical specifications! All rights reserved to improve / modify / change any product at anytime.













## TOP FACTS

### Ultimate lightweight construction

-// provides light weight performance with durability

### High clew design & Higher aspect ratio

-// makes this sail easy to maneuver in all conditions

### Sizes 4.0 to 5.4

-// comes with a 4 batten skeleton

### Sizes 5.6 and 6.0

-// comes with a 5 batten skeleton

### Radial Panel Layout

-// for optimized profile, twist control and durability

## PURE COLORMAP



\* C1

C2



# PURE: FREESTYLE MAGICIAN



**Introducing the all new Gaastra PURE. This revolutionary freestyle sail has Dominated the PWA Freestyle Tour turning heads everywhere it goes. Both Men's and Women's PWA World Titles have been won on the Pure! Development has been based on the legendary Echo LE and the Pure has shown it is the best Freestyle sail in history.**

**If you want a no compromise freestyle sail that is light and nimble, the Pure is the answer... It will blow you away!**

## **RESEARCH & DEVELOPMENT**

Peter: "To be better than the Echo LE is already a big challenge. We took it and convinced the result over the whole line. The Pure dominates!"

The Radial Panel Layout with X-Ply panels from the clew and the foot area provides an optimized profile of the sail, perfect twist control and extreme durability. The monofilm panels in the sail are processed in different strengths to the lowest possible weight, combined with a long lifespan. The high clew cut in connection with the narrower outline enables ultra-light, precise handling in all conditions. The shorter boom and the flat profile along with the stiffer leech will result in quick acceleration out of the gate. The range is scaled closely, so all riders have the perfect tool for any conditions. The proven 4 batten structure comes from size 4.0 to 5.4, 5.6 and 6.0 have 5 battens to better compensate for the longer luff. All sizes have fixed tops and tailored precisely to each mast length.

## **STEVEN VAN BROECKHOVEN SAYS**

"I love everything about the new Pure. Everyone knows that the Echo was the best freestyle sail. In the last years we had a great advantage with this sail. Now comes the new Pure, a freestyle 4 batten sails from 4.0 to 5.4, a dream come true. Peter has once again made a big step forward with it- the sail now has a bit more power than the Echo. It is lighter and what is extremely important especially with the new moves, it remains completely neutral when it turns into the wind. Even if it is extremely windy. With the new Pure new moves are coming soon. I won the 2011 PWA Freestyle Tour with it, I guess this proves the performance!"

## **BOTTOM LINE**

If you want a no compromise freestyle sail there is only one choice: the Pure!

SIZE	KG	MAST	IMCS	LUFF	BOOM	BASE	BATTEN	HEAD/TOP	CAMS	RECOM. MAST
4.0	3.0	370	17	379	152	10	4	Fixed	0	Gaastra 75 RDM
4.4	3.1	370	17	392	156	24	4	Fixed	0	Gaastra 75 RDM
4.8	3.4	400	19	414	162	16	4	Fixed	0	Gaastra 100 RDM
5.2	3.5	400	19	425	170	26	4	Fixed	0	Gaastra 100 RDM
5.4	3.6	430	21	436	173	8	4	Fixed	0	Gaastra 100 RDM
5.6	4.0	430	21	443	175	14	5	Fixed	0	Gaastra 100 RDM
6.0	4.1	430	21	455	186	26	5	Fixed	0	Gaastra 100 RDM

Compatible with other masts that are equal in length and IMCS.

Current technical specifications! All rights reserved to improve / modify / change any product at anytime.





## TOP FACTS

**More sails on less masts**

-// to keep your quiver small

**Six battens skeleton**

**Slightly fuller low body profile**

-// provides constant drive and early planning

**More compact outline**

-// with shorter luff lengths for perfect handling

**Increased low end potential**

**Radial Panel Layout**

-// for optimized profile, twist control and durability

## CROSS COLORMAP



C 2



\*C 3



C 4



C 5



**This next generation freeride sail has impressed not only the test teams of the magazines, but windsurfers around the globe. Quick and agile, the Cross represents the perfect synthesis of wave and race sailing. The new Cross has slightly more performance and is more durable than ever. The Cross remains unchanged in its smooth handling and top end stability.**

## **RESEARCH & DEVELOPMENT**

Peter: "There is no windsurfer out there who will not have fun with the new Cross. Whether speed or maneuvers, the design proves itself in both disciplines."

The new Gaastra radial panel layout optimizes profile, twist control and durability due to evenly distributed forces on the sail body. A combination of 6 composite tube battens results in an extremely stable sail that will handle high wind overpowered conditions with ease. The RAF skeleton makes rigging effortless. The compact sail body with the wider head provides easy handling. The new profile alignment accelerates quickly in low wind and the specified twist allows for a breathtaking top speed. The extra reinforced area below the window guarantees a long life.

## **ALEX MUSSOLINI SAYS**

"I'm really surprised how direct and yet very easy the new Cross gets going when a gust comes through the sail. I easily pass other guys with camber sails. Even in small waves I love to use this all-rounder on my slalom board.

## **BOTTOM LINE**

Whether you face small waves or flat-water... Use a slalom board or a big wave board... the Cross is extremely versatile and incredibly fast on the water.

SIZE	KG	MAST	IMCS	LUFF	BOOM	BASE	BATTEN	HEAD/TOP	CAMS	RECOM. MAST
4.8	3.8	400	19	407	167	7.5	6	Vario	0	Gaastra 75 RDM
5.2	4.1	400	19	421	173	22.5	6	Vario	0	Gaastra 75 RDM
5.6	4.0	430	21	434	177	5	6	Fixed	0	Gaastra 75 RDM
6.0	4.3	430	21	444	186	15	6	Fixed	0	Gaastra 75 RDM
6.4	4.5	430	21	454	193	25	6	Fixed	0	Gaastra 75 RDM
6.9	4.8	460	25	464	207	5	6	Fixed	0	Gaastra 75 RDM
7.4	4.9	460	25	477	218	17.5	6	Fixed	0	Gaastra 75 RDM

Compatible with other masts that are equal in length and IMCS.

Current technical specifications! All rights reserved to improve / modify / change any product at anytime.













## TOP FACTS

**Revised window**  
-// for higher durability

**Dacron luff panel**  
-// for softer rotation and neutral behavior

**Tolerant luffcurve**  
-// gives the Pilot a forgiving character

**Wide mast compatibility**  
-// works great with various masts

**Radial Panel Layout**  
-// for optimized profile, twist control  
and durability

### PILOT COLORMAP





**Are you ready for some fun on the water? First time beginners can start with the easy and efficient sail straight away. Design ideas stem from the Poison, Manic and Cross with the emphasis being placed on easy handling and effortless rigging. The perfect sail for getting into windsurfing!**

## **RESEARCH & DEVELOPMENT**

The new Radial Panel Payout optimally distributes the forces on the sail. It provides a optimized profile, more harmonious twist behavior and it makes sailing much more fun. The lower part of the window has been revamped for higher durability.

## **SARAH QUITA OFFRINGA SAYS**

"I send all my friends who want to learn windsurfing out with the Pilot! I'm sure they will have fun right from the start. "

## **BOTTOM LINE**

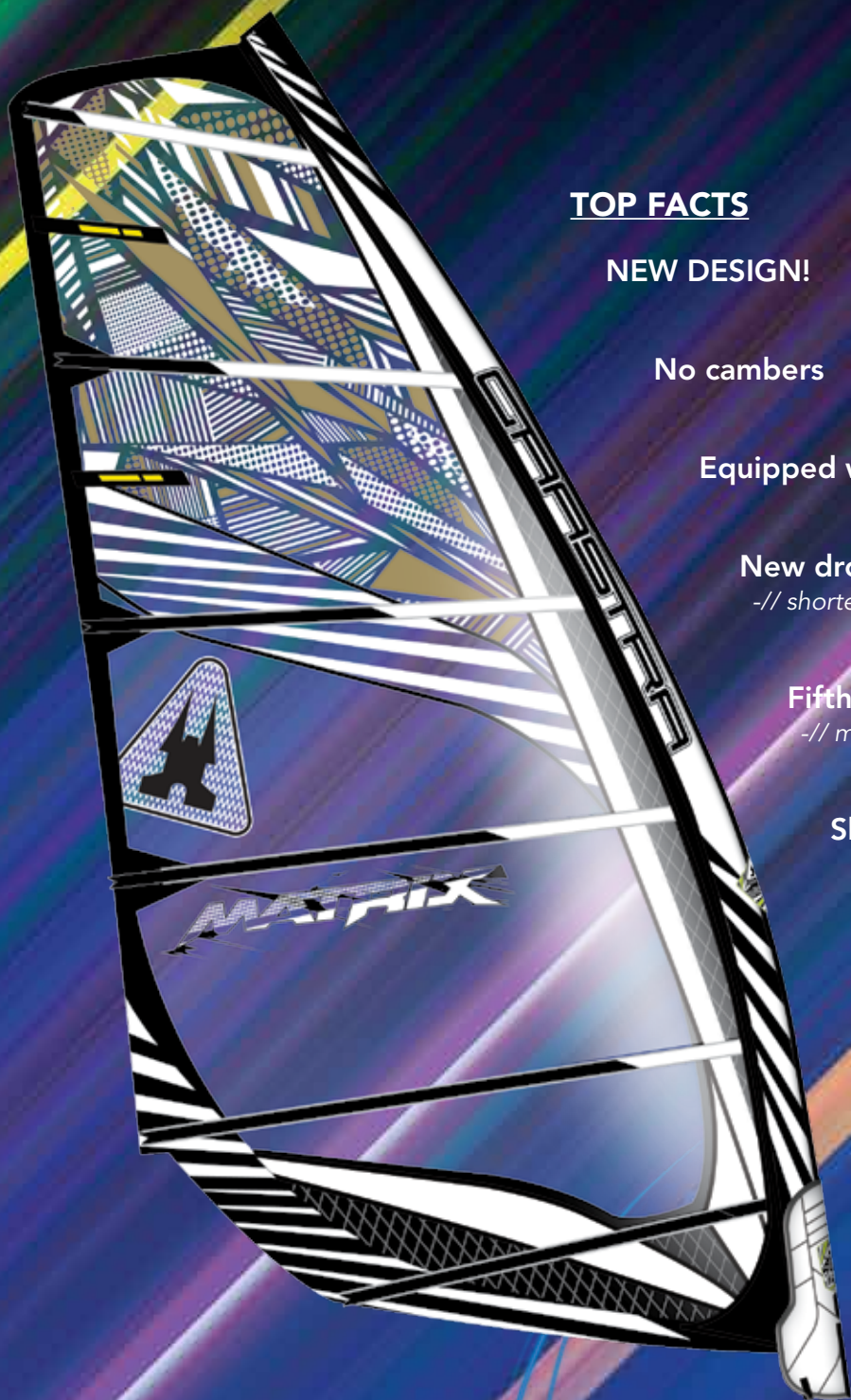
"The Pilot is just the right sail to learn windsurfing. The profile and mature design ensures that it feels light and easy in your hands. The new Radial Panel Layout makes it even more robust and efficient. The perfect first timer! "

SIZE	KG	MAST	IMCS	LUFF	BOOM	BASE	BATTEN	HEAD/TOP	CAMS	RECOM. MAST
4.5	3.2	400	19	403	156	4	4	Vario	0	Gaastra 30 SDM
5.0	3.6	400	19	418	167	18	4	Vario	0	Gaastra 30 SDM
5.5	3.9	430	21	436	177	6	5	Vario	0	Gaastra 30 SDM
6.0	4.1	430	21	448	184	18	5	Vario	0	Gaastra 30 SDM
6.5	4.2	430	21	452	195	22	5	Fixed	0	Gaastra 30 SDM
7.0	4.3	460	25	467	206	8	5	Fixed	0	Gaastra 30 SDM
7.5	4.5	460	25	483	218	24	5	Fixed	0	Gaastra 30 SDM

Compatible with other masts that are equal in length and IMCS.

Current technical specifications! All rights reserved to improve / modify / change any product at anytime.





## TOP FACTS

### NEW DESIGN!

No cambers

Equipped with 6 battens

New dropped clew

-// shorter boom, improved lower twist

Fifth batten crosses the boom area

-// more power and performance

Short boom / Short mast

Radial Panel Layout

-// for optimized profile, twist control and durability

### MATRIX COLORMAP



C 1

C 2

C 3

\* C 5



**More power, more control: Fully redesigned, the new Matrix impresses all with a lower foot, and the fifth batten that crosses the boom area. The result is a state-of-the-art freeride design with a lower center of gravity and a more compact outline. No matter what conditions you sail, the Matrix will get the job done!**

## **RESEARCH & DEVELOPMENT**

The new Matrix is equipped with six battens and NO cambers. The new Radial Panel Layout optimally distributes the forces on the sail, it also allows a better profile alignment, more harmonious twist behavior while making the sail more robust. The foot area is free of folds and the bottom window of the sail was again reinforced. The three composite tube battens ensure that the power zone remains stable even in hammering gusts. With the new shorter boom and shorter mast, the Matrix is a modern performance-oriented sail. The new changes make it quite different to the Cross. The new outline in the foot area makes it easier to pull the sail on the board. It is easy to rig, jibes like a wave sail, but once you hook in it develops turbo speed, like a real slalom sail. Whether you have a Freeride, Freerace or a thoroughbred Slalom board under your feet, the Matrix will deliver performance. The pressure point is further back allowing for effortless planing without pumping, even with larger and heavier boards. It is designed to work perfectly with our Gaastra 75 and 55 percent carbon masts.

## **CEDRIC BORDES SAYS**

"In the jibe I thought I had a wave sail in my hands, but when I hit some gusts into the sail, I realized that I held a slalom sail. The Matrix is a chameleon, perfect for freeriding!"

## **BOTTOM LINE**

Handy, fast and quick to rig up, the newly tuned Matrix brings performance and handling to a new level. Speed like a slalom sail and handling like a wave sail in one design. Try it out!

SIZE	KG	MAST	IMCS	LUFF	BOOM	BASE	BATTEN	HEAD/TOP	CAMS	RECOM. MAST
5.5	4.0	430	21	430	169	2	6	Vario	0	Gaastra 75 (55) SDM
6.0	4.1	430	21	439	178	10	6	Fixed	0	Gaastra 75 (55) SDM
6.5	4.4	430	21	451	186	22	6	Fixed	0	Gaastra 75 (55) SDM
7.0	4.6	460	25	466	195	6	6	Fixed	0	Gaastra 75 (55) SDM
7.5	4.8	460	25	476	202	16	6	Fixed	0	Gaastra 75 (55) SDM
8.0	5.1	460	25	481	211	22	6	Fixed	0	Gaastra 75 (55) SDM
8.5	5.3	490	29	497	217	8	6	Fixed	0	Gaastra 75 (55) SDM

Compatible with other masts that are equal in length and IMCS.

Current technical specifications! All rights reserved to improve / modify / change any product at anytime.

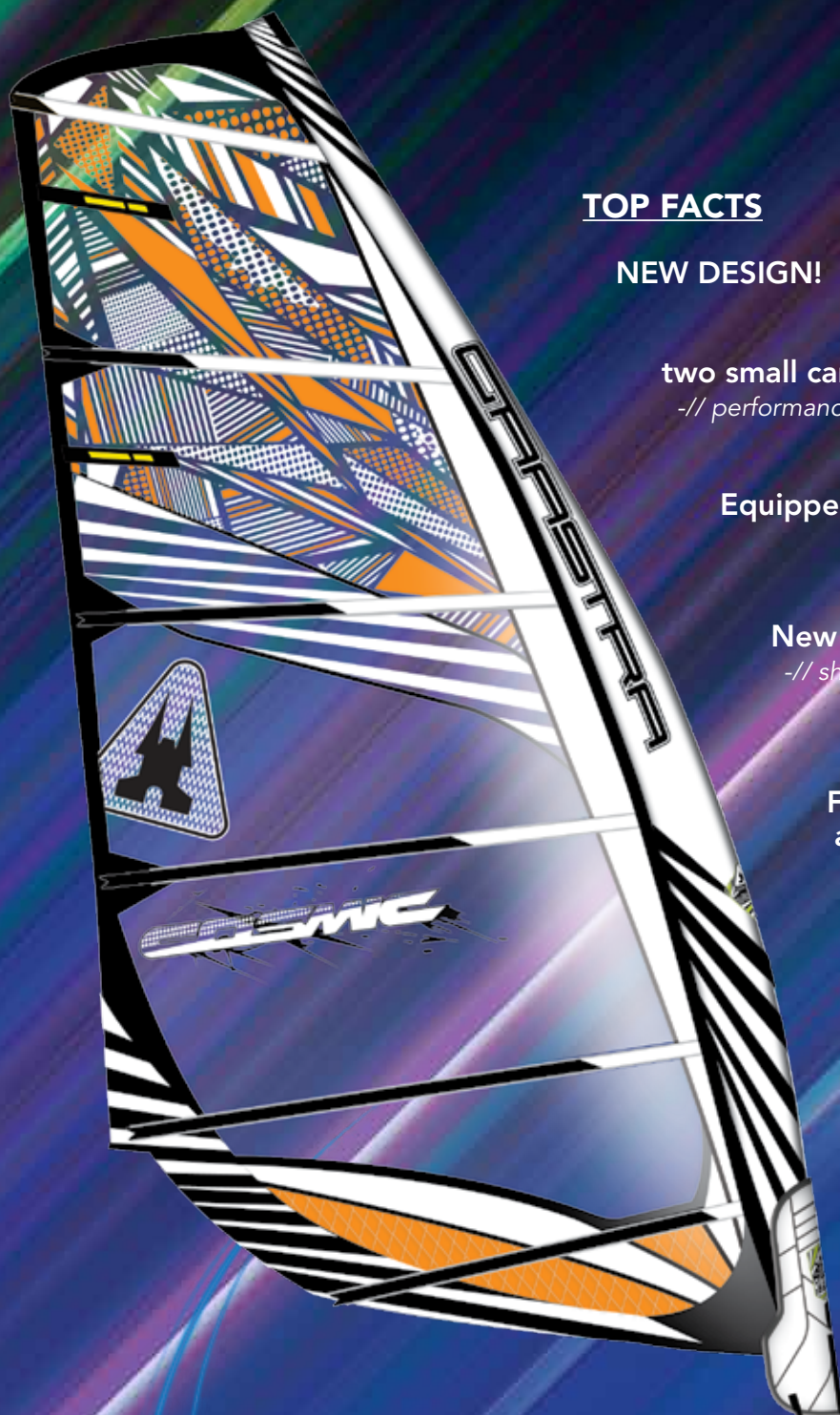












## TOP FACTS

### NEW DESIGN!

#### two small cams

-// performance and locked profile

#### Equipped with six battens

#### New dropped clew

-// shorter boom, improved lower twist

#### Fifth batten crosses the boom area

-// more power and performance

#### Balanced twist

-// progressive and smooth acceleration

#### Radial Panel Layout

-// for optimized profile, twist control and durability

### COSMIC COLORMAP





# COSMIC: WELCOME TO A NEW GALAXY



The Cosmic is a complete redesign of the ever-popular Swift. Compact outline, a low foot and a Crossbatten running through the boom area are the new striking features of this Swift replacement. The new Crossbatten better supports the two cambers above and below the boom. These are the two longest battens in the sail and the Crossbatten provides a more stable pressure point to balance the profile when loaded. The Cosmic rigs easily and trims to perfection!

## RESEARCH & DEVELOPMENT

With six battens, 2 cambers and the two newly developed cross battens, the Cosmic is dialed in for fast freeriding. The slightly wider sleeve in the area of the cambers allows the Cosmic to be rigged like a modern race sail. First trim the luff and leech and then "pop" the cambers on the mast. This protects the mono film and speeds the rigging up. The mast slides into the sail almost by itself. Like this the Cosmic is almost easier to rig than a sail without cambers. The Radial Panel Layout provides a better profile alignment, more harmonious twist behaviors and a much more durable sail. The foot area is free of folds and the bottom window of the sail is heavily reinforced. The tube battens together with the two cambers provide ultimate stability while the smooth rotation of the cams make it easily maneuverable. The low-cut foot can hang up on the board easily. The Cosmic is developed on our Gaastra 55 and 75 percent carbon masts and match them perfectly. Whether with a Freeride, Free Race or slalom board, the Cosmic knows no limits.

## ALBERTO MENEGATTI SAYS

"It is amazing how compact the sail feels. It immediately accelerates at every small gust of wind and the pressure point stays stable for a long time. A real fun in all conditions! "

## BOTTOM LINE

Ready for something new? The Cosmic will give you a new outlook on cambered sails.... We bet you will love it!

SIZE	KG	MAST	IMCS	LUFF	BOOM	BASE	BATTEN	HEAD/TOP	CAMS	RECOM. MAST
6.0	4.5	430	21	434	178	4	6	Fixed	2	Gaastra 75 (55) SDM
6.5	4.8	430	21	453	187	24	6	Fixed	2	Gaastra 75 (55) SDM
7.0	5.0	460	25	466	195	6	6	Fixed	2	Gaastra 75 (55) SDM
7.5	5.2	460	25	476	203	16	6	Fixed	2	Gaastra 75 (55) SDM
8.0	5.4	460	25	483	213	24	6	Fixed	2	Gaastra 75 (55) SDM
8.5	5.6	490	29	497	218	8	6	Fixed	2	Gaastra 75 (55) SDM
9.0	5.7	490	29	508	227	18	6	Fixed	2	Gaastra 75 (55) SDM

Compatible with other masts that are equal in length and IMCS.

Current technical specifications! All rights reserved to improve / modify / change any product at anytime.













## TOP FACTS

### NEW DESIGN!

No camber

Seven battens

**Inset Clew System**

-// shorter boom/continuous foot outline

**Drop tack with tension strap**

-// 100% race sail performance

**Compact outline with shorter luff**

-// the power stays low in the sail

**Dynamic twist pattern**

-// smooth behaviour and blistering acceleration

**Radial Panel Layout**

-// for optimized profile, twist control and durability

### SAVAGE COLORMAP



\* C 2

C 1



**This NO-CAM sail is one of the fastest on the water! For 2012, we have adapted it to the new outline of the race winning Vapors.. Now we have a compact sail with a relatively short luff, that utilizes 7 battens instead of eight (four of them are tube battens). The new Savage is equipped with the Inset Clew System that allows the leach to twist out sooner so you can hang on longer.**

## **RESEARCH & DEVELOPMENT**

Seven battens, no cams, a cross batten in the boom area and the Inset Clew System makes the Savage a real speed machine. The Radial Panel Layout provides a better profile alignment, a more harmonious twist behavior and it makes the sail stronger. The foot area sets up smooth and the bottom window of the sail has been reinforced again. On a straight line there is no need to hide from other race sails- the Savage will deliver speed almost like any race sail. The sail is light and balanced in your hands. The pressure point is positioned slightly further forward and ensures light back hand pressure. The sail accelerates extremely fast and easy without losing speed or control. Even if you go full gas into the jibe, the silky smooth rotation system ensures that you loose no speed or balance. An incredible feeling! The new Savage brings 95% of its power with our 75 percent carbon mast already. If you want the last 5 percent, you will need to upgrade to the Gaastra 100 percent carbon mast.

## **CEDRIC BORDES SAYS**

"Never ending Speed and then go full speed into the jibe. The new Savage is the absolute jibe killer. I know I'm fast on this sail, but I have been never faster with any other speed sail around the course."

## **BOTTOM LINE**

Caution, this sail can be addictive: On the straight line it is as fast as the Vapor and in the jibe as easy as the Matrix. The new Savage is ready to fight. Imagine you're out on a race sail, but without the worry of jibing or water-starts- no cams make it easy! That's the feeling when you grab on to the new Savage.

SIZE	KG	MAST	IMCS	LUFF	BOOM	BASE	BATTEN	HEAD/TOP	CAMS	RECOM. MAST
6.0	TBA	430	21	434	178	5	7	Fixed	0	Gaastra 75 SDM
6.6	TBA	430	21	441	190	12.5	7	Fixed	0	Gaastra 75 SDM
7.2	TBA	430	21	456	199	27.5	7	Fixed	0	Gaastra 75 SDM
7.8	TBA	460	25	473	208	15	7	Fixed	0	Gaastra 75 SDM
8.4	TBA	490	29	497	213	10	7	Fixed	0	Gaastra 75 SDM
9.0	TBA	490	29	511	TBA	22.5	7	Fixed	0	Gaastra 75 SDM

Compatible with other masts that are equal in length and IMCS.

Current technical specifications! All rights reserved to improve / modify / change any product at anytime.



## TOP FACTS

### NEW DESIGN!

**Two race camber, One small camber**  
-// smooth rotation, rock solid stability

**Seven battens**

**Inset Clew System**

-// shorter boom/continuous foot outline

**SAS (Shock Absorbing System)**

-// with K105 material

**Four composite tube battens**

**Dynamic twist pattern**

-// smooth behaviour and blistering acceleration

**Moderately wide multi material mastsleeve**

-// same construction as Vapor

**Same sizes as the Vapor**

**Drop tack with tension strap**

-// 100% race sail performance

**Radial Panel Layout**

-// for optimized profile, twist control and durability

### PHANTOM COLORMAP





# PHANTOM: NO SPEED LIMIT



The Phantom is a newly developed sail in the 2012 Gaastra line up. It replaces the GTX. The best way to describe it is to think of it as the Vapor's little brother! With one batten less and only three cambers, this makes it much easier to handle on the water or on land. Everything else, Outline, Inset Clew System, aerodynamic boom cut out, dropped tack, and the high-tech sail cloth are identical to the Vapor. On the water, it stands out for its lively handling. The pressure point is precisely positioned in the front third. The sail does not have a speed limit- you are in charge of that! Hook in and hang on!

## RESEARCH & DEVELOPMENT

Seven battens, four of them composite tube battens, three cams and the cross batten, makes the Phantom a purebred race-like machine. The radial panel layout provides an optimized profile, while better twist control makes sailing a breeze. The sail foot area is free of wrinkles and the bottom window of the sail has been further reinforced. The mast sleeve in the upper range is made of K105 aramid cloth which includes the SAS systems (Shock absorption systems). Two big race cambers above the boom and a smaller roller cam below, take care of smooth rotation and rock solid stability. The slightly wider sleeve in the camber area allows you to trim the luff and leech first and then pop the cambers to the mast- VERY EASY! This protects the mono film and speeds up the rigging. The Larger sizes fit on a longer mast compared to the boom length to get better performance in light winds. Just like the Vapor, the Phantom "breathes". This means the twist and the materials used allows the sail to automatically adjust to wind conditions. The result is an extremely relaxed handling of the rig. The relatively narrow sleeve and the modern cambers make this rig a beauty to go fast and jibe with ease!

## ARNON DAGAN SAYS

"My buddies often think they are gonna smoke me on there race kit- then I overtake them to leeward. The Phantom is a destroyer- deadly fast and super simple!"

## BOTTOM LINE

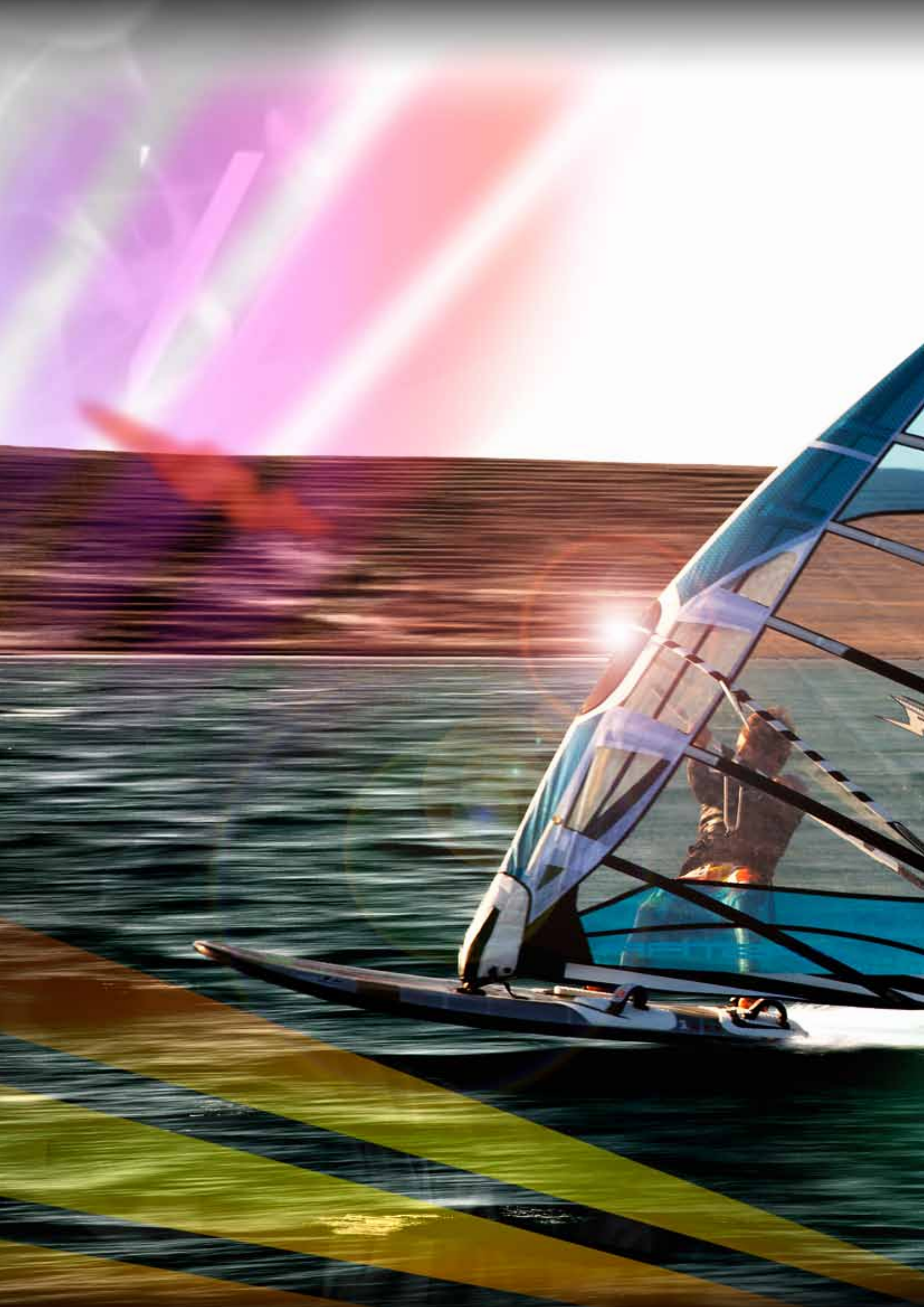
For those who do not have time to train and tune their gear like a professional World Cup rider, the new Phantom is the best choice. Quick on the water and easy to handle. Let`s go!

SIZE	KG	MAST	IMCS	LUFF	BOOM	BASE	BATTEN	HEAD/TOP	CAMS	RECOM. MAST
5.7	TBA	400	19	411	176	12.5	7	Fixed	3	Gaastra 100 (75) SDM
6.4	TBA	430	21	437	187	10	7	Fixed	3	Gaastra 100 (75) SDM
7.1	TBA	430	21	451	200	22.5	7	Fixed	3	Gaastra 100 (75) SDM
7.8	TBA	460	25	469	212	10	7	Fixed	3	Gaastra 100 (75) SDM
8.5	TBA	490	29	496	220	7.5	7	Fixed	3	Gaastra 100 (75) SDM
9.2	TBA	490	29	511	229	22.5	7	Fixed	3	Gaastra 100 (75) SDM

Compatible with other masts that are equal in length and IMCS.

Current technical specifications! All rights reserved to improve / modify / change any product at anytime.













## STILL IN R+D

### Professional Race Sail

-// no compromise competition equipment

### SAS (Shock Absorbing System)

-// with K105 material

### Inset Clew System

-// shorter boom/continuous foot outline

### Radial Panel Layout

-// for optimized profile, twist control and durability

#### VAPOR COLORMAP





**Meet the most technologically advanced racing sail in the world; The Vapor has been developed around the clock to provide our World Cup Racing team with the best tools available to win races. The latest materials are combined to make this pure- bred race machine as light and strong as possible.**

## **RESEARCH & DEVELOPMENT**

As we went to print with this catalog version, the Vapors are still being developed everyday in order to meet the PWA registration deadline. Our test team are relentless and will not stop until the design of this sail is perfect and ready to deliver world champion results.

The new advancements are coming from a combination of 2 important details:

The Gaastra mast has been designed to deliver quicker acceleration and maintain top end control and stability for overpowered situations.

A new and specially developed material has also been discovered to considerably reduce the weight and better improve the way the sail is breathing in the wind. The shape in the sail has changed slightly and is now lower and further forward. The twist and the tension in the sail are more flexible with the new mast and allow the rider to hang on longer without getting lifted in the gusts. The larger slalom sails have a higher aspect ratio for more light wind performance while the smaller sails get a slightly slimmer luff sleeve for easier handling. The sail foot has been redesigned for better flow and an easier profile to close the gap. The formula sizes were being tested in Puerto Rico where Arnon Dagan showed he had the goods with 5 race wins! The new Vapor boasts a dynamic Twist, bigger cams, the revolutionary SAS system and K105 aramid material combined with a new inset Clew ensure this sail will be at the front of the pack!

## **ROSS WILLIAMS SAYS**

"We work almost day and night with Peter on the new Vapors. I am almost scared how he manages to implement our ideas into new prototypes within a very short time. If you say that he is highly motivated in his new job, this is a real understatement. I am looking forward to the upcoming PWA season. I can't wait to fight with our new weapons!"

## **BOTTOM LINE**

tbc...

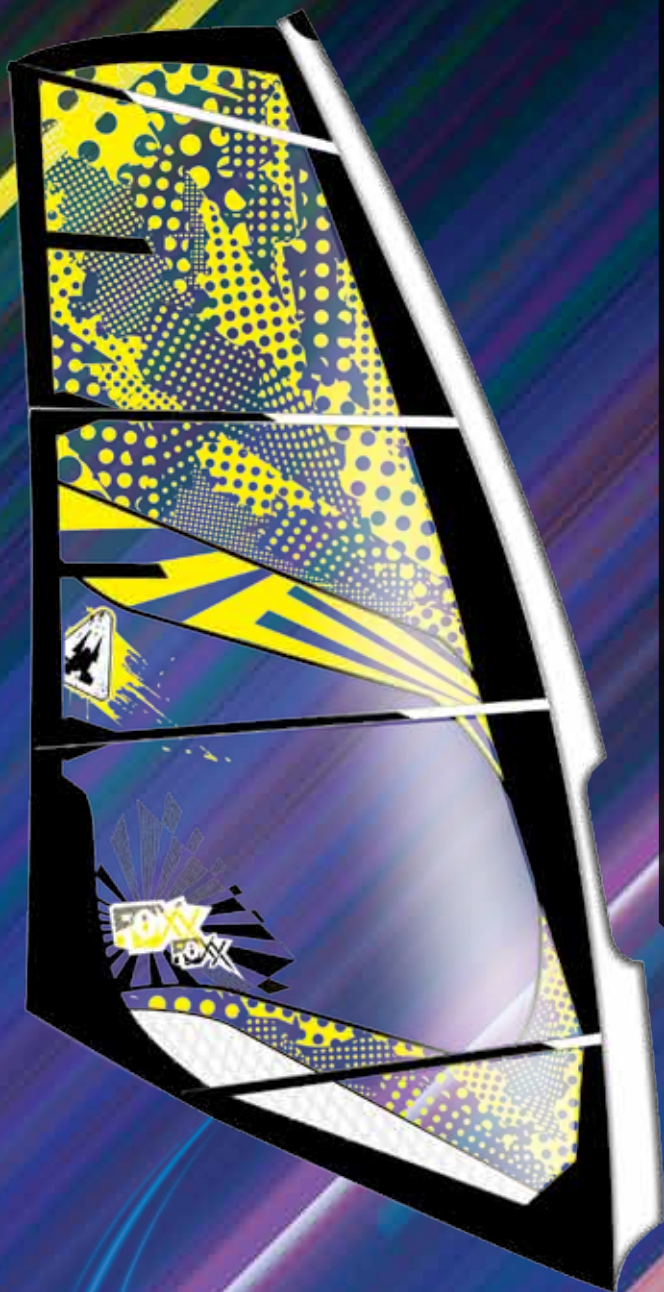
SIZE	KG	MAST	IMCS	LUFF	BOOM	BASE	BATTEN	HEAD/TOP	CAMS	RECOM. MAST
5.2	TBA	TBA	TBA	TBA	TBA	TBA	TBA	Fixed	TBA	TBA
5.7	TBA	400	19	TBA	TBA	TBA	TBA	Fixed	TBA	TBA
6.4	TBA	430	21	TBA	TBA	TBA	TBA	Fixed	TBA	Gaastra 100 SDM
7.1	TBA	430	21	TBA	TBA	TBA	TBA	Fixed	TBA	Gaastra 100 SDM
7.9	TBA	460	25	TBA	TBA	TBA	TBA	Fixed	TBA	Gaastra 100 SDM
8.6	TBA	490	29	TBA	TBA	TBA	TBA	Fixed	TBA	Gaastra 100 SDM
9.5	TBA	490	29	TBA	TBA	TBA	TBA	Fixed	TBA	Gaastra 100 SDM
10.0	TBA	520	32	TBA	TBA	TBA	TBA	Fixed	TBA	Gaastra 100 SDM
11.0	TBA	550	TBA	TBA	TBA	TBA	TBA	Fixed	TBA	Gaastra 100 SDM
12.0	TBA	550	TBA	TBA	TBA	TBA	TBA	Fixed	TBA	Gaastra 100 SDM

Compatible with other masts that are equal in length and IMCS.

Current technical specifications! All rights reserved to improve / modify / change any product at anytime.



# FOXX '12



## FOXX: PIECE OF CAKE

The Foxx has everything that makes a great kids rig. It is light, easy to handle and will last forever. It is exactly the sail we all wanted as a child. For junior's first chop hop or Power jibes or his first wave ride, the Foxx makes it easy to step up!

## RESEARCH & DEVELOPMENT

Built like our big boys' wave sails the Foxx is very durable and extremely light. Uncompromising Gaastra quality ensures a long life.

## BOTTOM LINE

Parents be aware, the next generation will take over faster than you think! Fun and easy handling right from the start give kids the rig they need to succeed.

### FOXX COLORMAP



\* C 3

C 4

SIZE	KG	MAST	LUFF	BOOM	BATTEN	HEAD/TOP	CAMS	RECOM. MAST
2.2	1.7	300	275	116	3	Vario	0	Gaastra Maverick
2.5	1.8	300	287	120	3	Vario	0	Gaastra Maverick
3.0	2.2	300	323	138	3	Vario	0	Gaastra Maverick
3.5	2.4	300	323	147	3	Vario	0	Gaastra Maverick
4.0	2.6	300	335	162	3	Vario	0	Gaastra Maverick

Compatible with other masts that are equal in length and IMCS.

Current technical specifications! All rights reserved to improve / modify / change any product at anytime.

[www.gaastra.com/sails/2012/youth-learn/foxx](http://www.gaastra.com/sails/2012/youth-learn/foxx)





# FREETIME 12

## FREETIME: FIRST DAY OF SCHOOL

The Freetime is the perfect sail for beginners, surf schools and holiday resorts. Forgiving, stable and easy to handle, it is exactly what you need as a beginner. This rig also works great to put on a SUP board for cruising around. The short luff in combination with a lightweight carbon mast give the Freetime its unique Easy-going character.

## RESEARCH & DEVELOPMENT

The perfect balance is the most important issue in the development of such a sail. In the end everybody should have fun on the water straight away. Along with the other rig components specifically developed for this rig, windsurfing is fun and effortless! a longer life.

## BOTTOM LINE

Proven to be the best sail to teach windsurfing!



### FREETIME COLORMAP



\* C 3

C 4

SIZE	KG	MAST	LUFF	BOOM	BATTEN	HEAD/TOP	CAMS	RECOM. MAST
1.0	TBA	300	166	102	1	Vario	0	Gaastra Maverick
1.5	TBA	300	200	120	1	Vario	0	Gaastra Maverick
2.0	TBA	300	223	121	1	Vario	0	Gaastra Maverick
2.5	TBA	300	246	137	1	Vario	0	Gaastra Maverick
3.0	TBA	300	287	154	2	Vario	0	Gaastra Maverick
3.5	1.9	400	312	157	3	Vario	0	Gaastra 15 SDM
4.0	2.0	400	338	160	3	Vario	0	Gaastra 15 SDM
4.5	2.8	400	373	169	3	Vario	0	Gaastra 15 SDM
5.0	2.9	430	404	176	4	Vario	0	Gaastra 15 SDM
5.5	TBA	430	420	185	4	Vario	0	Gaastra 15 SDM
6.0	TBA	430	440	193	4	Vario	0	Gaastra 15 SDM
6.5	TBA	460	464	200	4	Vario	0	Gaastra 15 SDM

Compatible with other masts that are equal in length and IMCS.

Current technical specifications! All rights reserved to improve / modify / change any product at anytime.

[www.gaastra.com/sails/2012/youth-learn/freetime](http://www.gaastra.com/sails/2012/youth-learn/freetime)





## Gaastra 2012 Rig System

Gaastra masts have been re-engineered to provide ultimate durability without compromising performance. Our factory has pristine standards reflecting quality in workmanship, top of the line materials and perfect bend characteristics. All this delivers the best products for our team as well as everyone else who trust the Gaastra name!

### Gaastra 100 SOM



If you want no excuses for ultimate performance, this is your mast! Built out of the highest grade carbon fiber available, the race 100 is crafted to generate instant response. Acceleration and reflex timing are key to winning races. Our team demands the best in the business and this masts reflects that.

Size	IMCS	Weight	Carbon	Surface	Bag
430	21	1.75	100%	IPS*	yes
460	25	1.85	100%	IPS*	yes
490	29	1.85	100%	IPS*	yes
520	34	2.15	100%	IPS*	yes
550	37	2.40	100%	IPS*	yes

### Gaastra 100 RDM



Light and strong the 100% RDM leads the way forward in mast technology. The dynamic flex pattern allows the rig to breath from the bottom section feeding the entire sail with life. The mast continues to flex more and more as the wind increases!

Size	IMCS	Weight	Carbon	Surface	Bag
370	17	1.40	100%	IPS*	yes
400	19	1.45	100%	IPS*	yes
430	21	1.65	100%	IPS*	yes
460	25	1.80	100%	IPS*	yes

NEW!

### Gaastra 75 SOM



Freeride ease that doesn't hurt your wallet! Produced with the same technology as the Gaastra 100, just a little less Carbon. Bend characteristics come from the 100% Race mast- the perfect combination to value and performance is right here.

Size	IMCS	Weight	Carbon	Surface	Bag
400	19	1.75	75%	IPS*	yes
430	21	1.95	75%	IPS*	yes
460	25	2.05	75%	IPS*	yes
490	29	2.20	75%	IPS*	yes
520	34	2.70	75%	IPS*	yes
550	37	2.80	75%	IPS*	yes

### Gaastra 75 RDM



Get the unique Gaastra bend characteristics in a lower carbon content mast. Ideal for budget minded sailors, the strength to weight durability is unmatched! The bend is the same as the 100% RDM and this mast will handle all conditions thrown at it- Freeride or Wave, it will do it all!

Size	IMCS	Weight	Carbon	Surface	Bag
370	17	1.80	75%	IPS*	yes
400	19	1.70	75%	IPS*	yes
430	21	2.15	75%	IPS*	yes
460	25	2.35	75%	IPS*	yes



# MASTS



## Gaastra 60 RDM



Entry level RDM mast with value in mind. Made in China this mast gets you dialed in to the future, RDM masts are here to stay. Built with the latest pre-preg technologies, the 60% carbon will be a great starter mast.

Size	IMCS	Weight	Carbon	Bag
340	15	1.75	60%	no
370	17	1.85	60%	no
400	19	1.95	60%	no
430	21	2.25	60%	no
460	25	2.55	60%	no

## Gaastra 55 SDM



Made to maximize entry level performance, the Gaastra 55 does the job. Bend characteristics match as best they can to the 75% and 100% masts making this a great choice for beginners.

Size	IMCS	Weight	Carbon	Bag
400	19	2.00	55%	no
430	21	2.15	55%	no
460	25	2.40	55%	no
490	29	2.70	55%	no

## Gaastra 30 SDM



The price point performer, the 30% carbon mast gets you out there! The diameter has been reduced making it possible to rig your sails with ease. Wall thicknesses have been increased for added durability.

Size	IMCS	Weight	Carbon	Bag
370	17	1.60	30%	no
400	19	1.95	30%	no
430	21	2.20	30%	no
460	25	2.80	30%	no
490	29	2.85	30%	no

## Gaastra MAVERICK



Get Junior the right stuff. The Maverick is developed to work harmoniously with the all new FOXX Sails- super light weight and durable for a long lasting rig set up!

Size	Weight	Carbon	Bag
300	1.55	30%	no
340	1.62	TBA	no



### \* IPS - The Invisible Polyamid Shield is a mast shielding device.

An invisible barrier from a patented "Prepreg Force Tank" takes durability and light weight to a new standard. The mast is sealed with a polyamid surface coating making the mast 100% scratch and dent resistant. The strength of these new "Gold & Silver series" masts has been tested at 45% stronger than our previous models. After continuous abuse, the masts look new, stay strong and perform without compromise.



## The new Gaastra Carbon Boom Preview

The time has come for Gaastra to step up to the plate with the ultimate competition boom. Currently we are finalizing the production of one of the best booms ever to hit the market. We will have 2 wave and freestyle sizes, along with 3 race sizes each having monocoque one piece carbon tail pieces.

The Outline curves are optimized based on target sail sizes and the back ends come with different widths for each boom length making for a perfectly integrated rig. The Race back ends will come with a built in pulley system for adjustable outhauls.

Oversized front and tail sections for increased stiffness, reduced diameter in the grip area for increased comfort and ergonomics. A stiff mast cup in composite material for direct force transmission between the boom and mast makes the connection rock solid.

A long closing lever for easy opening and closure while rigging.

The new high tech Gaastra front end is built out of reinforced Carbon Plastic for more stiffness, better power load for more performance and lighter weight for better handling.

The new monocoque arms and back ends are built out of the best 100% Carbon quality composite technology. The all new Gaastra molds are produced under extreme heat and pressure to reach the highest level of carbon composite quality.

The new Gaastra Carbon Booms presents the next generation of windsurfing equipment of booms. Stay tuned to upgrade your entire windsurfing experience!

### R+D Features:

- 2 wave and freestyle sizes, 4 race sizes
- Monocoque one piece carbon body.
- Monocoque one piece carbon tail.
- Outline curves developed and tested to get the best ergonomics and performance in relation to the target sailsizes
- Different width tail ends for different sizes. Integrated weels in race tails.
- Best compromise of arm diameter in relation of ergonomics and stiffness.
- Section diameter shape and size flow along the boom body to get the best stiffness and function.
- Shaped section for more stiffness and smaller sections, shaped tail section locks better.
- Stiff mast cup in composite material for direct force transmission between boom and mast.
- Multiple clasp at front end closing system.

## BLUE LINE: Monocoque V Grip

The Blue line Monocoque V Grip is new in the boom range. With a super stiff V, the boom combines a decade of riding wisdom with the futuristic performance and no compromises! Stiffness and lightweight are your friends and that is what the Gaastra V-Grip is all about. The double cavity alloy section saves weight without sacrificing stiffness and durability. The V shape walks the line between ample power and forgiving flex, EVA cushioned comfort and straight-line stability. The Monocoque V Grip is for all those who are looking for a lightweight high performance boom in all conditions.

Size	Diameter	Weight	Material
150 - 200 cm	26,5 / 33,3 mm	3.04	Alloy T8
180 - 230 cm	26,5 / 33,3 mm	3.35	Alloy T8
200 - 250 cm	26,5 / 33,3 mm	3.58	Alloy T8





## BLACK LINE: Monocoque Tapered

The Black line is uniquely tapered to provide extra stiffness in the back section of the boom. Tests indicate it to be 20% stiffer than the Green line! The new boom head provides a tight connection to the mast while a double push pin operating system guarantees strength and durability. Different bends for each size range make this boom a perfect compromise to carbon performance.

Size	Diameter	Weight	Material
140 - 190 cm	26 / 29 mm	2.51	Alloy T8
160 - 210 cm	26 / 29 mm	2.67	Alloy T8
180 - 230 cm	26 / 29 mm	2.91	Alloy T8



## GREEN LINE: Monocoque

Each length of the green line has a different shape to accommodate different sized sails. The longer the boom the wider the bend giving your rig the perfect balance. The Double push pin operating system guarantees strength and durability to this performance boom.

Size	Diameter	Weight	Material
140 - 190 cm	29 mm	2.51	Alloy T8
160 - 210 cm	29 mm	2.69	Alloy T8
180 - 230 cm	29 mm	2.95	Alloy T8
200 - 250 cm	29 mm	3.08	Alloy T8



## RED LINE

Quality at an affordable price, the Red Line makes adjustments easily and delivers quality that will last through the years!

Size	Diameter	Weight	Material
140 - 190 cm	29 mm	2.49	Alloy T6
160 - 210 cm	29 mm	2.67	Alloy T6
180 - 230 cm	29 mm	2.87	Alloy T6



## MAVERICK

Just what the little one needs to match up his FOXX sail- kid tested, kid approved!!!

Size	Diameter	Weight	Material
120 - 170 cm	25 mm	1.78	Alloy T6







## Team Extensions

The Gaastra R&D team has worked extensively to bring out a top of the line revolutionary high performance mast base extension. The heavy duty construction guarantees no failures. The roller bearing parts make down hauling your sail easier than ever. Built with all metal parts the all new Team Extensions will deliver incredible performance.



Team Carbon RDM  
0 - 45cm



Team Carbon SDM  
0 - 45cm



Team Carbon SDM  
0 - 30cm



Team Alu RDM  
0 - 30cm



Team Alu SDM  
0 - 45cm



Team Alu SDM  
0 - 30cm

Team Base



Regular Uphaul  
140cm long



Tie Down Straps  
4.5 & 6.0m long



T- Boom Protector  
Extends down mast 20cm



Boom Protector



Roof Rack Pads  
50cm long







Front View



Buckle Up Spreader Bar



## ***G5: Gaastra's top of the line waist harness revolutionizes the market***

An absolutely perfect fit with the "double 3D Shape." The harness bends around the body to adapt ergonomically to the spine and lumbar region. It offers an integrated EVA cushion for comfort and protects the lower back. The integrated double-strap construction spreads the loading points across the back. The new "Buckle Up Spreader bar" offers maximum comfort on and off.

Size: S, M, L, XL

### **Construction details:**

- "Double 3D shaped" PU board on the inside
- No pressure and stress points, everything is padded with soft neoprene
- Extremely rugged and durable construction
- Heavy duty stitching to withstand even the most extreme loads
- Integrated kidney belt for the best grip, best flexibility and perfect fit
- Superior Harness Technology: 80 pieces of high end materials make the G5 nearly bomb-proof!
- Comes with the **Buckle Up Spreader Bar**





## Gaastra Harness Range 2012

Comfort is critical when it comes to choosing the right harness. Our team insists on a no compromise harness that offers superior comfort, highly functional operation along with a perfect fit. Every single one of the Gaastra Harness Range is developed and tested intensely with our professional team.

Having 2 waist harnesses and 2 seat harnesses in the range, there is the perfect option for all needs and body types big or small. Build quality is second to none and every piece of material is made to last through the storm.



### GRID

The Grid offers maximum comfort, plus the flexibility and freedom of movement from a modern Waist Harness. Freedom of movement is provided being light, flexible, robust and comfortable.

Size: S, M, L, XL

### Construction details:

- Comes with the **Buckle Up Spreader Bar**



### BUCKLE UP SPREADER BAR

The new **Buckle Up Spreader Bar** offers maximum comfort on and off.

Size: 23 or 26cm

### Construction Details:

- New snap closure technique  
PAT.NR. 201120246752.8





## HARNESSES



### RIDER

One of the most all-round harnesses on the market the Rider has been developed with 8 load bearing straps to distribute the forces evenly. A seat harness built with anti chafe padding to give you all the comfort available in a seat harness.

Size: S, M, L, XL



### RACE

The low bar and short back provides a low center of gravity pull for maximum drive from the hips and butt. The cross strap system under the buttocks is designed to keep the harness in place without sliding. This race harness provides ultimate efficiency for the serious racer.

Size: S, M, L, XL

## HARNESS LINES



**Fixed**  
18", 20", 22", 24", 26",  
28", 30", 32", 34", 36"



**Fixed Adjustable**  
18-24", 22-28",  
26-32", 30"-36"



**Quick Fixed**  
18", 20", 22", 24", 26",  
28", 30", 32", 34", 36"



**Quick Adjustable**  
18-24", 22-28",  
26-32", 30"-36"



**Race Adjustable**  
18-24", 22-28",  
26-32", 30"-36"



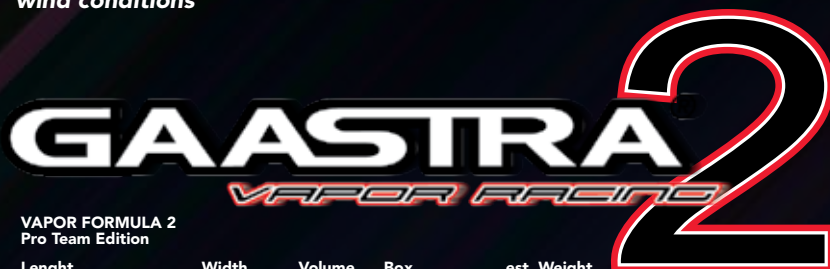


## Gaastra Vapor 2 Formula Board: Race it or Chase it!

When you are ready to win, set foot on the all new Gaastra Vapor board. Made to blitz the fleet out of the starting gate and annihilate anything in it's path, the Vapor board will put you on top of the podium.

The Team construction is built to save weight and increase stiffness. Compared to the previous model the extra volume adds more low end performance to this board, making it unbeatable in any wind conditions

**Arnon Dagan:** "Overall the Vapor 2 is just faster up- and down wind. And it is easier to ride in strong and light wind conditions"



VAPOR FORMULA 2  
Pro Team Edition

Lenght	Width	Volume	Box Tuttle Deep	est. Weight
230 cm	100.5 cm	172 l		9.42



### TOP FACTS

#### Wider Tail

-// improves up wind ability

#### Longer Flat

-// helps early planing and speed

#### More Volume in the Back of the Board

-// Vapor 2 rides easy and high on the down wind and takes a big sail with out effort

#### Double Chicken Straps

-// easy and fast in strong winds

## Gaastra Vapor Formula Board:

**THE MISSION:** To create a better board than the most winning board on the formula circuit for the past 2 years.

**THE RESULT:** Mission accomplished. After 2 years of testing and trying to make something different to work better, the test team always came back to the original shape.

**THE BOARD:** We created a lighter and stiffer version of what we knew worked better than anything out there. We have put in the time and know what is fast.

**Arnon Dagan just got 2nd in the world championships with this board, proofing this board is made to win.**

# GAASTRA

VAPOR RACING



VAPOR FORMULA  
Pro Team Edition

Lenght	Width	Volume	Box Tuttle Deep
230 cm	100.5 cm	156 l	



Pro Team Edition

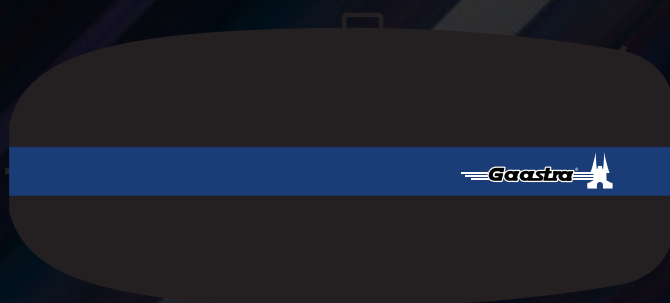
Weight
8.80 kg





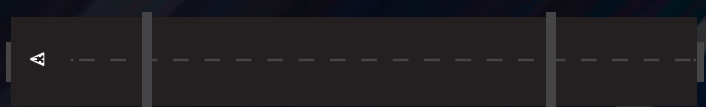
### **Light Board Bag**

235x55, 235x60,  
240x55, 240x60, 240x65, 240x70, 240x85,  
245x60, 245x65,  
250x70  
255x70, 255x80, 255x90  
265x70, 265x80



### **Formula Board Bag Single**

260x110



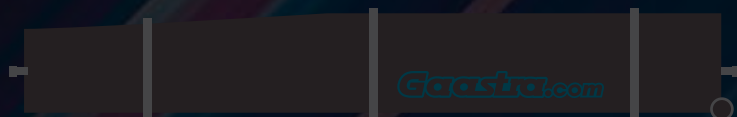
### **Quiver Bags (with wheels)**

Wave: 220cm  
Freeride: 260cm



### **Triple Freestyle Bag (with wheels)**

270cm







**Gastra**

2012  
**WATER  
WEAR**



design in perfection



# SPRY

The Spry Suits deliver no compromise performance! Developed with our team riders, these suits are truly state of the Art in terms of wear comfort, accuracy and durability. Optimized fitting for any radical style in all Water-sports.

## SPRY 4/3 DL HYBRID

The Spry 4/3 DL Hybrid guarantees two things: Perfect flexibility and comfort for our top athletes.

### FEATURES:

- Double lined MEGA STRETCH Neoprene panels provides best flex possible
- Single Lined FINE MESH Neoprene on chest and back panels cuts out the wind chill factor
- LIGHTSTRETCH material on the inside for warmth and comfort
- AQUA TAPE for perfect seam sealing performance
- SUPERTEX knee panel
- LEG VELCRO CLOSEUP SYSTEM for optimal fit
- WATER RELEASE PANEL for improved drainage
- Wrist lock
- HOT ZONE System to avoid a rush of cold water entering your suit
- Back Zip Entry
- Adjustable Velcro Wrap collar



## SPRY 3/2 DL SHORTARM

The Spry 3/2 DL Shortarm much like it's long sleeve brother also delivers maximum flexibility and wearing comfort for our top athletes.

### FEATURES:

- Double Lined MEGA STRETCH Neoprene in all panels provides best flex possible
- Single Lined FINE MESH Neoprene on chest and back panels cuts out the wind chill factor
- LIGHTSTRETCH material on the inside for best heat ratings and pleasant wear
- BLIND STITCH & Glued seam technology
- LEG VELCRO CLOSEUP SYSTEM for optimal fit
- WATER RELEASE PANEL for improved drainage
- Back Zip Entry
- Adjustable Velcro Wrap collar
- Adjustable Velcro Arm System
- SUPERTEX knee panel





# MANIC

## MANIC 6/4/3 POLAR STEAMER

The Manic 6/4/3 Polar Steamer enables core surfers to take on cold winter situations. The warmest winter suit available!

### FEATURES:

- Single Lined FINE MESH Neoprene
- HEAT SHIELD in the chest panel
- BLIND STITCH & Glued seam technology
- LEG VELCRO CLOSEUP SYSTEM for optimal fit
- WATER RELEASE PANEL for improved drainage
- Horizontal Back Zip Entry
- Double Tube Zipper Sealing
- Turtle Neck
- SUPERTEx knee panel

## MANIC 5/3 SL STEAMER

The Manic 5/3 SL Steamer is the perfect combination of highly flexible Single Lined neoprenes to keep you warm and comfortable.

### FEATURES:

- Single Lined FINE MESH Neoprene
- HEAT SHIELD in the chest panel
- BLIND STITCH & Glued seam technology
- LEG VELCRO CLOSEUP SYSTEM for optimal fit
- WATER RELEASE PANEL for improved drainage
- Back Zip Entry
- HOT ZONE System to avoid a rush of cold water entering your suit
- Adjustable Velcro Wrap collar
- SUPERTEx knee panel

## MANIC 4/3 CONVERTIBLE STEAMER

The Manic 4/3 Convertible Steamer gives you the freedom of choice of riding a short arm Single Lined suit, or improving the temperature character by adding the sleeves.

### FEATURES:

- with Sleeves
- Single Lined FINE MESH Neoprene
- HEAT SHIELD in the chest panel
- BLIND STITCH & Glued seam technology
- LEG VELCRO CLOSEUP SYSTEM for optimal fit
- WATER RELEASE PANEL for improved drainage
- Back Zip Entry
- Adjustable Velcro Wrap collar
- Adjustable Velcro Arm System
- SUPERTEx knee panel

Premium Single Lined neoprene wetsuits with a superior fit. The best protection against cold water in a clean and technical style. Optimized fitting for Windsurfing purposes.



Coming with Sleeves



MANIC MITTEN



MANIC GLOVE



MANIC HOOD



# ENGAGE

High quality and extreme durable wetsuits completing the Gaastra line up. This is a unique suit that is optimized for all Water sport activities.



**ENGAGE 5/3 DL STEAMER**

An all -in- one wetsuit with great stretch and warmth.

**FEATURES:**

- Double Lined MEGA STRETCH Neoprene in arm panels
- Single Lined FINE MESH Neoprene on chest and back
- BLIND STITCH & Glued seam technology
- LEG VELCRO CLOSEUP SYSTEM for optimal fit
- WATER RELEASE PANEL for improved drainage
- Back Zip Entry
- HOT ZONE System
- Adjustable Velcro Wrap collar



**ENGAGE 5/3 SL STEAMER**

The perfect suit for great sessions in a cold water environment.

**FEATURES:**

- Single Lined FINE MESH Neoprene
- BLIND STITCH & Glued seam technology
- LEG VELCRO CLOSEUP SYSTEM for optimal fit
- WATER RELEASE PANEL for improved drainage
- Back Zip Entry
- HOT ZONE System
- Adjustable Velcro Wrap collar



**ENGAGE 3/2 DL SHORTARM**

The full dose of performance at an incredible value

**FEATURES:**

- Single Lined FINE MESH Neoprene on chest and back
- Flatlock Construction
- Back Zip Entry
- Adjustable Velcro Wrap collar



**ENGAGE 2/2 SHORTIE**

The full dose of performance at an incredible value

**FEATURES:**

- Single Lined FINE MESH Neoprene on chest and back
- Flatlock Construction
- Back Zip Entry
- Adjustable Velcro Wrap collar



**VELVET 5/3 DL STEAMER**

An all -in- one wetsuit with great stretch and warmth.

**FEATURES:**

- Double Lined MEGA STRETCH Neoprene in arm panels
- Single Lined FINE MESH Neoprene on chest and back
- BLIND STITCH & Glued seam technology
- LEG VELCRO CLOSEUP SYSTEM for optimal fit
- WATER RELEASE PANEL for improved drainage
- Back Zip Entry
- HOT ZONE System
- Adjustable Velcro Wrap collar



**VELVET 3/2 DL SHORTARM**

The full dose of performance at an incredible value

**FEATURES:**

- Single Lined FINE MESH Neoprene on chest and back
- Flatlock Construction
- Back Zip Entry
- Adjustable Velcro Wrap collar



**VELVET 2/2 SHORTIE**

The full dose of performance at an incredible value

**FEATURES:**

- Single Lined FINE MESH Neoprene on chest and back
- Flatlock Construction
- Back Zip Entry
- Adjustable Velcro Wrap collar

For the Ladies! Here is the perfect design with the highest quality and most durable wetsuits in the Gaastra line up. Made just for her!

This is a unique suit that is optimized for all Water-sport activities.





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