GAASTRA.COM





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GAASTRA.COM



WORDS A A A A 7 A A A * DESIGNER

<u>new 20</u> e 6 **A**AS range distinct Gaastra Â has been designed 11 foundations e 10 1 **`** 77 **A**

"Coming in the 2015 season as the PWA constructor's champions and with Thomas Traversa as defending PWA wave world champion could not have given me a better sense of achievement and a renewed drive to continue on this winning path.

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"For our 2016 range, the team and I were very critical not to make unnecessary changes just for the sake of it. So for this season it became more about making a series of smaller steps and re-cuts that in the end has given us the greatest improvements. First we wanted our sails to be lighter, so we eliminated any unnecessary seams making a more simple and efficient panel layout. Our posi-leech system that was first introduced in our 2015 range has again been refined to help keep a stable balanced pressure in the rig.

"On many of the models and sizes we used a different way to shape the panels to better position and lock the shaping points in the sail body, which has allowed us to lock in deeper profiles and a lightweight feeling. We reworked the battens' tapering to get a more precise and even profile to match that of the sails. In our wave ranges we have adjusted outlines, luff curves and introduced a brand new feature called the "convertible batten system" enabling the rider to change the feeling in the rig to adjust to his conditions or style of sailing by just switching the batten above the boom from a full length or a shorter one. "In the freeride/race ranges we have made adjustment to the luff curves and shaping making the sails fuller and more twisty, which have given us sufficient improvements to the top speed and the direct response acceleration in the sails.

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The new 2016 range has the distinct GA Gaastra feel and has been designed with the foundations of proven success All our lightweight, highly durable and incredibly UV resistant materials have again been used and improved to bring you our finest work to date.

"For more information and updates please check out our websites, instagram and Facebook pages.

"Wishing you much wind and lots of fun on the water."

Peter Munzlinger! GA Sails Designer

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Gaastra windsurfing

was first founded in 1970 and quickly grew to become one of the most iconic brands in the industry to date. With 45 years of windsurf design and multiple world titles throughout the disciplines, today the brand known as GA-Sails Gaastra continues to be a world leader in sail development and innovation.

Designer Peter Munzlinger leads the brand's highly successful international team of world class sailors, including current PWA wave world champion Thomas Traversa, 2013 PWA freestyle champion Kiri Thode, IFCA Slalom world champion Ben van der Steen, and 2 times formula world champion Ross Williams. All together, as a team, they are exploring and designing some of the most exciting and functional windsurf sails ever created.

Whether you are someone looking for that ultimate competition winner, or just a fun and easy recreational sail, GA-Sails Gaastra can provide for your needs. Offering sails that are built to last and handle the most extreme of environments with ease and control.

Part of being GA Sails Gaastra allows us to experiment and create, not just with the sail design but also the material themselves.

GA-Gaastra created materials:

2ply, which is provides a durable, lightweight film with a forgiving feel.

- Xply offers the strongest support in the vulnerable areas of the sail.
- C-film, gives best protection against harmful UV damage. Bulletproof Dacron, as the names suggests is the toughest Dacron going, while its soft feel and smooth stretch adds spring and feel directly to the rig.

The team and our sails brave the toughest, most wild conditions so they can offer a complete range of rigs that you can trust.

At GA-Sails Gaastra we are working hard, so that you don't have to!

















This heavy duty reinforcement area through the windows on the wave sails gives solid durability at these critical areas.

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Improved layout for a perfect and locked-in sail shape, providing a smooth profile, twist control and durability. The 3rd Generation provides a full Radial Panel Layout from all 3 corners of the sail, the seams are aligned with the forces that originate from the tack, clew and head to avoid deformations of the shape and design of the sail. The new RADIAL LOAD TAPE brings even more heavy duty into the sails.

DOUBLE SEAM



TACK FAIRING

A redesign that makes the fold flow much easier. It is clean and just how it needs to be. **Perfection!**



No longer on Matrix and Cosmic

RADIAL LOAD TAPE 40-190 312 FADIAL

Comes in all Manic, Manic HD, IQ, Poison, Pure, Cross, Pilot and Matrix designs, allowing for a smoother/softer feel that gives the sail life!





In order to be able to reduce the weight of the sails we developed a completely new range of laminate materials, with a much thinner film supported by a double structure of fibers - a balanced scrim of fibers orientated in the warp that fit within a classic X-Ply angled series of fibers. From its structure the name 2-Ply arose. We have created a complex woven web with the highest durability that is also very lightweight. Besides the proven X-Ply, we use this laminate in the upper sail body to achieve minimal swing weight and protection of critical areas.

Less weight: use of new 2-PLY laminate reduces the weight in the top area of the sail by more than 10% Softer handling for better performance and comfort in gusts Better strain value for perfect profile and shape in the long term Better UV resistance due to a thinner film

Used in crucial sail areas for best response, maneuverability and minimal swing weigh





- **NEW COLORS MORE TRANSPARENT AND CRISPER LOOK**
- 5 times better UV durability (compared to standard clear monofilm) Constant long term profile and shape due to better durability
- Better visibility of the sails on the water
- Brilliant colors and style NEW: More brilliant and crisper colors, more transparent and clear

Extremely durable. As many as two different X-PLY scrims with varying fiber density and film thickness are used in our 2016 sails. The materials are always carefully selected to match the sail's application and to obtain the ideal combination of durability and weight.





The thin film laminate of the K105 gives a dynamic flex with a quicker response time to the top half of the mast sleeve. The special material not only saves weight but makes accelerating more instant so you can fly through chop and coast through lulls. The mast sleeve works in synergy with the specified mast absorbing shock and releasing power immediately. This keeps you and your sail full of energy!















THOMAS TRAVERSA/10 2016

The 2016 wave range continues to offer the most complete and versatile sails. Each model has its own individual characteristics, which can cater for any sailor's needs or environment. This year we have added a convertible batten system that allows a rider to experiment with the stiffness, handling and drive in all of the sizes in the 1Q and Manic/Manic HD ranges. Adjustments to all luft curves, clew heights and batten layout / shaping has given better low-end response and acceleration. New panel layouts and less seams has made the ranges lighter and stronger. Our 2016 wave is better, brighter and more complete then ever.

IQ - HIGH PERFORMANCE/NEW SCHOOL/COMPACT

- MANIC ALL-ROUNDER/WORLD CLASS/NO COMPROMISE
- POISON POWER WAVE/ TOTAL CONTROL/ RELIABLE.





AUROUND WAVE NO AUROUND WAVE NO MANE NO AUROUND WAVE NO This sail is the

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complete package - great early planing, acceleration and awesome control when things get wild.

3.3 | 3.7 | 4.0 | 4.2 | 4.5 | 4.7 | 5.0 | 5.3 | 5.7

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The 2016 Manics are back and better than ever. With an improved profile they deliver more stability; these are the ultimate competition wave sails. With its incredible wind range and newly designed smooth leech twist for increased top end speed. This range of sails delivers an unrivalled level of performance that any rider can enjoy.

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For 2016 we have added the new convertible batten system to all the sizes in the range. This system allows the rider more control to customise their sail. Putting the shorter batten in place frees up the feeling in the rig and can be a useful tool to generate drive for light-wind wave riding. A new panel layout with fewer seams makes the sail stronger and lighter. The shorter luff and boxy outline helps give a more compact feeling, great for riding and tightening up your turns.

ΔΜS

The 4.5m and smaller sizes now come with the 4-batten configuration for less weight. A higher clew placement and more refined shaping delivers a better direct response to the sail. New batten shaping in the front third of the sail and a more even profile curve gives better handling and control. The improved posi leech keeps the sail perfectly balanced. The Manic HD is perfect for riders looking for that bit of extra sail strength; the reinforced monofilm panels will set your mind at ease.

The Manic and Manic HD have the lightest hand pressure of all our wave ranges. This sail is the complete package - great early planing, acceleration and awesome control when things get wild.

ROSS WILLIAMS -

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"The Manics, are so exciting to sail. The important thing for me is having a fast, light controllable rig when I am sailing. The Manic ticks all those boxes!"



3.3 | 3.6 | 4.0 | 4.2 | 4.5 | 4.7 | 5.0 | 5.4 🔪

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NEWSCHOOL WAVE

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The IQ is the most dynamic and direct new school wave sail in the range. The 2016 IQ has been reshaped and re-cut to fit the needs of the most radical sailors. The short boxy outline, and soft lightweight handling will have you turning sharper and deeper right in the pocket of the wave. The newly improved luff curve and compact batten positioning has added more control in the stronger winds, giving a much larger wind range to the IQ.

The 2016 IQ has a new panel layout with fewer seams, which makes the sail both stronger and lighter. Refined shaping in key load areas and a heightened clew have made for an improved balanced feeling that delivers a more direct response. Modified shaping at the second batten has given a better high end wind range that can help stick those tricky landings cleanly.

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The convertible batten system allows you to customise your sail, creating a softer feel for light wind riding, or control and stability for powered up conditions. An improved posi leech system enhances the IQ's unique balanced feeling of power and control.

The IQ offers an awesome compact feeling that will blow your mind when riding in any conditions super stable and full of control even in the craziest winds. If you want the perfect balance of a new school rig with controllable power, then the IQ is the one for you.

THOMAS TRAVERSA -

"The 2016 IQ is even better than what I hoped for! More control, more compact. I can tell there will be a lot of guys loving this improved feeling."





The 2016 Poison is the traditional 5 batten power wave sail from our range and is the highest aspect of the 3 wave sail ranges. The Poison has a super efficient low-end performance while keeping tonnes of high-end control and amazing top speed. With a balanced feeling in the hands the Poison is slightly firmer than the Manic and IQ, which can appeal to the weekend wave sailor wanting a no fuss early planing wave warrior.

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This year the Poison has a new panel layout with fewer seams, making the sail lighter and stronger. A very small change to the outline and batten position has made the sail slightly more compact. Refined shaping and luff curve has yet again improved the low-end performance. The new batten profile with more front-end curve has locked the power of the sail forward while the Poison's unique smooth leech twist delivers a most supersonic top end speed. A higher clew and posi leech combination has also helped to keep the balance of the rig equal between the front and backhand. \diamond

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The Poison is the classic wave sail designed for those sailors looking for an earlier planing, manageable power wave rig. It is reliable, making even in the gustiest of conditions playful and exciting.

BEN VAN DER STEEN -

"I am a bigger guy, so I need my wave sail to have that extra low-end drive. I still want to be able to turn easy and have control in tricky conditions. The Poison has not let me down!"



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The Poison is the classic wave sail designed for those sailors looking for an earlier planing, manageable power wave rig.

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4.0 | 4.2 | 4.5 | 4.7 | 5.0 | 5.4 | 5.8 | 6.2





Realing and great ding and great direct response acceleration of the new Pure will guarantee to bring success to anyone who is wanting to push their performance through

4.0 | 4.2 | 4.4 | 4.6 | 4.8 | 5.0 | 5.2 | 5.4 | 5.7

FRE
The Pure is the very best performance freestyle sail for any sailor looking to improve their sailing level. It has long been regarded as the benchmark sail in its category and the chosen weapon by many of the top professional sailors on the world tour. Super light in the hands and an even balance imparts the sailor with maximum control while attempting their tricks. A new smooth leech twist will allow the very latest manoeuvres to be practiced and dialled with ease.

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The 2016 Pure has a new outline with a smaller head and greater foot area for a more even, balanced feeling. The new panel layout with less seams makes for a lighter, stronger sail while the vertical radial seams in the upper part of the rig keep the sail totally stable. Our international team requested the revised sizes with a new 4.0m and 4.6m to better suit the total wind range. A stabilized head configuration and compact batten positioning aid in providing the best Pure sail performance to date.

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The light handling and great direct response acceleration of the new Pure will guarantee to bring success to anyone who is wanting to push their performance through the roof.

TONKY FRANS -

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"I am so stoked with the new Pure; it's another level. I can throw the sail wherever I need to and it's incredibly predictable, so I know I will land my tricks with style."









Only the names used in the 2016 freeride range remain the same! From basic beginner to advanced freeride and onto the weekend bump and jumper, our camless range have got you covered for those who want the best performance combined with ease of use. Improvements to the posi leech, batten shaping, luff curves and outlines have made for better handling and acceleration. The ranges are designed to use the smallest number of masts possible, while less seams and new panels shaping have reduce weight and increase skeleton strength.

RITCHARD

PLAYFUL/ COMPLETE/ INDIVIDUALLY UNIQUE

SAYAGĘ

"The Cross has an incredible range that is fast, fun and friendly"

The Cross is our bump and jump, faster blaster. This sail is perfect for riders that want to have light handling and great turning in waves but also might like a sail that they can combine with a freeride board for some flat water blasting. The Cross really crosses over, with both normal and tube battens the rig can be controlled with ease at high speed and in gusty conditions.

For 2016 the Cross had some refined shaping added along with a small adjustment to the luff curve to make an even smoother, faster sail. New panel layout with fewer seams makes for a lighter and stronger sail. A revised leech outline, combined with our posi leech system has improved the low-end performance, while the new batten shaping has added great depth to the forward third of the sail, creating a super stable feel that pulls you through your turns and accelerates you in the gusts.

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The best of both worlds, the Cross has it all. Extreme versatility that will fit any board or any condition. The Cross is fast, fun and friendly, with incredible range.

CEDRIC BORDES -

TEAM

"The Cross is magic; great fun for either blasting on flat water or taking to the waves. It's so smooth and combines amazingly with our 3S boards."

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Learning and improving your sailing has just became easier 000 with the Pilot.

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FREERINE PION

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The Pilot is our entry point freeride sail. It has all the high-grade features you would expect to find on a GA sail. The simplified design ensures that anyone from a complete beginner and beyond will enjoy its effectiveness. The continued use of a mast-tolerant luff curve will allow you to rig the Pilot with a variety of masts, irrespective of different bend characteristics.

For 2016 we introduced the posi leech system to the Pilot to create better low-end acceleration and an improved sailing trim. We also added a new batten shape, adding profile curve to the front third of the rig. A new panel layout with fewer seams makes the sail stronger and lighter then before. Refined shaping techniques and luff curve together with the compact batten positioning and stabilized head configuration make the 2016 Pilot the perfect choice to jump onto a premium freeride product. Refined shaping techniques and luff curve together with the compact batten positioning and stabilized head configuration make the 2016 Pilot the perfect choice to jump onto a premium freeride product.

Learning and improving your sailing has just became easier with the Pilot. Take control of your windsurfing experience and enjoy the ride!

TATY FRANS -

"It's the sail I recommend to all my friends as they start to improve their skills. Keep it simple and the results come fast!"

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The Matrix is our freeride favourite! Each size is equipped with 6 battens and no cams, combining a light gentle rotation with a strong secure skeleton, which provides forgiveness for a novice rider and exhilaration for the expert.

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We wanted to give the Matrix a little tune-up for 2016, so we added a small luff curve change to the top half of the sail, creating more race twist to the leech and opening up the very head of the sail. This has translated into a higher KMH top end speed. An increase to the shaping in the front third of the sail and a new batten profiling has enabled us to lock down this new improved horsepower you will find at your fingertips. A new panel layout with fewer seams makes the sail stronger and lighter. We have the posi leech system as well to keep the pull even and balanced. The Matrix is still as easy and fun to sail as ever before. With so many fine attributes, the Matrix finishes top of her class. Yet it is still simple plug-and-play incarnate. Stable and light handling with a new injection of performance all rolled into one great sail. Δ

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This no cam rig can race like a slalom sail, turn like a wave sail and put a smile on anyone's face! Easy to rig ... lighter and stronger then ever – this is the ultimate freeride machine.

ROSS WILLIAMS -

"This is the one sail that every free-rider should have. I have tried a lot of sails over the years and the Matrix is always one that I would highly recommend to everyone wanting to enjoy the sailing."

"Easy to rig, lighter and stronger then ever — this is the ultimate freeride machine.

TEAMR





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MATT MATTCHARD Lossing



FREEPRIDE LLANT COSNIC

Responsive! With an improved top end speed whilst still remaining locked in. Light to handle with an extensive wind range capacity.

6.0 | 6.5 | 7.0 | 7.5 | 8.0 | 8.5 | 9.0

The twin-cam freeride sail that no other can match. With a narrower luff sleeve than the Vapor or Phantom, it remains perfectly simple to uphaul and rotate no matter how much time you might be in the water rather than on it. Great for first time races and for sailors that otherwise might shy away from cams.

For 2016 the Cosmic has had a new panel layout with less seams to make the sail stronger and lighter than ever. It has also undergone a similar small luff curve change to the Matrix, for a better maximum KMH capacity. The smoother leech line has improved the direct response acceleration whilst not losing any of the low-end power of the rig. New batten shaping in the front third of the sail has created a more even shape to the sail ... and combined with the posi leech system, compact batten positioning and stabilised head configuration, the Cosmic is more complete then ever for the new season.

Responsive! With an improved top end speed whilst still remaining locked in. Light to handle with an extensive wind range capacity.

SEBASTIAN KORDEL-

"The Cosmic is perfect for sailing on lake's such as Garda where the wind is feeling thin and less powerful. The cosmic can't be beaten for early planning and lightness in the hands. It handles choppy water with ease whilst keeping a smooth locked in feeling"

All the advantages of a race sail without the disadvantages of cams! Gybes like a freeride sail but has speed like a race sail.

The Savage delivers the highest level of freerace performance in an easy and simple no cam rig. Designed to rig without fuss whilst still offer cammed race sail speeds. The 7 tube battens increase the stability and control of this rig beyond that of a normal no cam sail and its racing outline and luff curve enable the rider to match the speeds of other sailors using heavier, technical rigs.

The new panel layout feature with fewer seams makes the sail lighter and more efficient in the jibes. Refined shaping techniques and a luff curve change has made for better straight-line speed and acceleration. New batten shaping in the front third of the sail has made for a smoother, more balanced ride. Our stabilised head configuration and posi leech system keep the power locked, ready for you to sheet in and go!

All the advantages of a race sail without the disadvantages of cams! Gybes like a freeride sail but has speed like a race sail. What more could you ask for?

CEDRIC BORDES-

"I would happily take the savage when I am practicing for a PWA race. My speed is competitive, and I actually feel a benefit of having a lighter rig and no cams in the gybes. A normal level guy might find that their results on the savage are better then on a cammed sail."





TEAM PADER ROSS WILLIAMS/VAPOR 2016



TOP PERFORMER/EXCITING/CUTTING EDGE



FREEPALE BLAM PRANTON

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The Phantom is super light in the hands and should be the choice for racers of all levels.

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The GA Phantom is a high performance freerace sail. It's recommend for all levels of rider interested in full-on race speed performance. Its simplified double cam is easy to rig and keeps the sail's skeleton structure strong to give the rider the best performance and easy rotation, combined with top end speed and stability.

For 2016 the Phantom has a new, improved panel layout with less seams, making the sail stronger and lighter. Refined shaping points for more stability and an adjusted luff curve for a smoother racing leech that has created a better top end speed. We use our 2-ply material in the upper half of the luff sleeve to increase the flexibility and positive feedback of our SAS system even more. New batten shaping in the front third of the rig helps keep the power nice and lock in, while a small adjustment to the clew height has kept the balance of the complete rig perfectly neutral. The improved posi leech has made for better low-end acceleration, so the moment you sheet in you will feel the response of the sail.

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The Phantom is super light in the hands and should be the choice for many racers of all levels. The crisp, direct response will not just keep you entertained but will also help pull you faster out of the gybe marks, leaving your competition pondering what just happened!

BEN VAN DER STEEN-

"My dad and his friends are feeling the benefits of using the phantom over the full on race sails. Its just a matter of time before the secret is out and we will see more people taking the smart choice for their level."

The Vapor is GA-Sails' full racing machine. It's a no compromise design that undergoes continuous development work Athroughout the year.

The Vapor is GA-Sails' full racing machine. It's a no compromise design that undergoes continuous development work throughout the year.

A proven podium performer. Still under development at the moment, we are trying some different shaping and outline concepts to continue to provide the very best racing sails for unbeatable comfort and control.

PETER MUNZLINGER-

"We are keeping our new vapor program close to our chests. Its an on going process. I will say that we have already made large improvements and we plan to have at least 3 or 4 more steps forward before the sail is completed."

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Our world title winning formula board



VOL. 178 / LENGTH 230cm / WIDTH 100.5cm



- Wide Tail // improves up wind ability and light wind power
- Longer Flat // helps early planing and speed
 More Volume in the Back of the Board //
- More Volume in the Back of the Board // Vapor 3 rides easy and high on the down wind and takes a big sail with no problem
- Double Chicken Straps // easy and fast in strong winds

ROSS WILLIAMS 2014 FORMULA WORLD CHAMPION-

"We were very conscious not to over complicate our latest design. Simple improvements gave us the biggest gains. My requirements were power and control, which gave me a competitive board in every condition of wind."

The Vapor Formula has proven itself yet again to be the fastest formula board available on the market. In 2014 Ross Williams took back his world title on the new and improved Vapor3 formula board. This latest model has increased volume distribution and a wider tail to improve upwind and downwind angle and speed performance.

With a construction built to save weight and increase stiffness, this secret formula has brought GA to the top of the podium in countless races across the globe. No gimmicks, just a simple and fast racing machine!

The Foxx is the sail for the seri-ous kid! Designed around our Foxx masts. This nocam rotational °°° will make the °°°° young ripper feel like a pro.° • 0 0 0 0 (

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The Foxx and Freetime are our school and kids' sails.

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The Freetime comes in both an X-ply and a Dacron version; this is the perfect school/beginners' rig. The Dacron version is pretty much bulletproof, which for a school rig is essential. 1, 3 or 4 battens depending on the sail sizes, adds balance and control to help the beginner progress quickly. A sail that is light, strong and functional, the Freetime helps you make the most of your time.

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It adopts many of the specifications currently featured on our Pilot or Matrix rigs. The Foxx is lightweight, fast and fun. Giving your little monsters the correct tools to enjoy their passion.

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ROSS WILLIAMS-

"My brother now uses both the foxx and freetime rigs in his school. He is super impressed with how durable the freetime is and all the little kids in the club can't get enough of the Foxx!!!"

that is light, sail strong and functional the Freetime helps you the most make vour of tin

1.5 | 2.0 | 2.5 | 3.0 | 3.5 | 4.0 | 4.5 | 5.0 | 5.5 | 6.0 | 6.5





GA RIG SYSTEM

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The new generation of GA masts are proven to be the most high performance and durable masts we have ever produced. All of our masts from the Carbon Race100 to the FOXX are built with a sophisticated technology. Further to that all masts except the SDM 15 are fully or partially protected with the IPS Invisible Polyamid Shield, a polyamid surface coating making the mast 100% scratch and dent resistant. Our factory has impeccable standards reflecting quality in workmanship, top of the line materials and unique bend characteristics specific to GA criteria. All this delivers high performance products for our team as well as everyone else who trusts the GA brand!

Having a team which demands only the best, we have redesigned our racing mast. A unique constant curve mast delivers unrivaled acceleration and reflex timing that will keep you moving faster and faster! These masts have already proven to be a world title winning spar! Top of the line carbon fiber is used and no expense is spared for the GA 100% Race.

100% SDM 400-490 moving to constant curve concept

Size IMCS Weight Carbon Surface Bag	
400 19 1.68 100% IPS yes	
430 21 1.75 100% IPS* yes	
460 25 1.97 100% IPS* yes	
490 29 2.10 100% IPS* yes	
520 34 2.15 100% IPS* yes	
550 37 2.80 100% IPS* yes	

Size	IMCS	Weight	Carbon	Surface	Bag
340	14	1.30	100%	IPS*	yes
370	17	1.40	100%	IPS*	yes
400	19	1.60	100%	IPS*	yes
430	21	1.70	100%	IPS*	yes
460	25	1.90	100%	IPS*	yes

The GA 100% RDM mast range are light and strong. These masts must withstand the forces of mother nature and continue to do so with our team who constantly pushes the limits! Built with the highest quality carbon fiber and cutting edge technology the GA 100% RDM delivers ultimate performance from the 340 and upwards!

Produced with the same technology as the GA 100, the 75SDM is a more price friendly option for the freerider or the weekend racer, matching value to performance.

Size	IMCS	Weight	Carbon	Surface	Bag
400	19	1.9	75%	IPS*	yes
430	21	2.00	75%	IPS*	yes
460	25	2.35	75%	IPS*	yes
490	29	2.30	75%	IPS*	yes
520	34	2.45	75%	IPS*	yes

Weight Carbon Surface Bag 1.70 75% IPS* yes 1.75 75% IPS* yes 2.00 75% IPS* yes 2.15 75% **IPS*** yes

Get the unique GA bend characteristics in a lower carbon content mast. Ideal for budget minded sail ors, 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!

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IMCS

17

19

21

25

Size

370

400

430

460

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The entry level 60 RDM mast from GA offers unrivaled value for those looking for a diverse product built with the latest pre-prey technologies. The 60% Carbon RDM mast is a great solution for those looking to use RDM masts in wave or free ride sails.

Made to maximize entry level performance, the SDM 60 does the job. Bend characteristics match as best they can to the 75% and 100% masts making this a great choice for beginners.

Carbon

60%

60%

60%

60%

60%

Bag

no

no

no

no

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GA 60%

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Size

340

370

400

430

460

IMCS

15

17

19

21

25

Weight

1.52

1.56

1.95

2.25

2.55

Size	IMCS	Weight	Carbon	Bag	
400	19	2.00	60%	по	
430	21	2.15	60%	по	
460	25	2.30	60%	по	
490	29	2.70	60%	по	

Size	IMCS	Weight	Carbon	Bag
370	17	1.60	30%	no
400	19	1.95	30%	по
430	21	2.40	30%	по
460	25	2.90	30%	по
490	29	3.20	30%	по

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 a stronger more dependable mast.

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

Size	Weight	Carbon	Bag
300	1.55	30%	по
340	1.62	30%	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, 100 & 75% 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.

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With the change from Gaastra to GA, the R&D team have re-invented our high performance mast base extension. The aluminum construction guarantees performance and no failures. The roller bearing parts make down hauling your sail easier than ever, while the durable metal parts ensure a long lasting safe product. Tried and tested safe by our GA team.

TEAM ALU SDM



<u>0 - 30 cm</u>



<u>A-sails</u>

GA PRO BASE

Q

- Low Profile extreme durable
- Boundless Pin for compatibility and consistency
- Shock absorbing grip padded plate
- Ergonomically shape for toolless attaching and detaching
- Comfortable outer shell minimize toes and feet injury



T - BOOM PROTECTOR

Extends down mast 20 cm

BOOM PROTECTOR

64.0

GA-SAILS

GA-SAILS

ROOF RACKS 50 cm leangth GA-5 AILS GA-5 AILS







Introducing the GA carbon competition boom line-up. The best booms to ever hit the market. With two sizes for wave and freestyle along with 3 race sizes, GA now has a complete range of top level competition booms, 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 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 textured grip section in the grip area makes sure your hands don't slip around. A stiffer mast cup 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 GA front end is built out of reinforced 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 available. The all new GA molds are produced under extreme heat and pressure to reach the highest level of carbon composite quality.

WAVE CARBON

Our newly developed Wave Boom comes in 2 sizes: 140 and 150. A super reduced diameter and partially V shaped grip section give the best ergonomics while the oversized front section gives maximum stiffness. The monocoque molded tail features an intelligent plastic add on component with a rapid outhaul fix system along with a double protection pad for the carbon tail for rock and hard surface encounters. The GA Race Boom comes in 3 sizes: 180, 200 and 220. A no compromise racing boom extremely stiff and light. A A A In particular the monocoque molded tail with integrated pulleys is super light and ultra stiff considerably reducing the swing weight which is a very important factor for jibing around the race course. The front and back sections are oversized, properly making it the stiffest and lightest boom on the market.

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Δ		Δ	200	0 - 260	cm	Δ	32.2	mm		Δ	3	.24 kg		Δ	Carbon	Δ		Δ		Δ			GA				GA-B	אסס	15 -		Δ
	Δ		220) - 280	cm		32.2	mm	Δ		A	.64 kg	Δ		Carbon		Δ		Δ		Δ						Δ		Δ		4
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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. Our new look GA boom grip adds the finishing touch to give you the ultimate feeling of your rig.

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Size **Grip Diameter** Weight Material Δ 140 - 190 cm 2.51 kg 26 / 29 mm Alloy T8 Δ 160 - 210 cm Δ 2.67 kg 26 / 29 mm Alloy T8 GA Δ 180 - 230 cm Δ 26 / 29 mm 2.91 kg Alloy T8 Δ Λ Δ 72
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. Our new look GA boom grip adds the finishing touch to give you the ultimate feeling of your rig.

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Δ Δ Δ Δ Weight Material Size **Grip Diameter** Δ 2.51 kg Alloy T8 140 - 190 cm 29 mm Δ 160 - 210 cm 2.69 kg Alloy T8 C 29 mm Δ 180 - 230 cm Alloy T8 29 mm 2.95 kg Δ Δ 200 - 250 cm Alloy T8 29 mm 3.08 kg Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ Δ Λ Δ 73

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

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FOXX BOOM

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The G6 is our top of the range harness. Its updated design offers the ultimate comfort and support from the double 3D shaping characteristics. Maximum support for your lumbar region is the strong point for this provide leave to a strong both the strong point for the support. harness! Easy to get in and out, comfortable both on and off the water- the new look G6 will turn heads on the beach!

STYLE MASTER

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G6

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The special tailored outline will wrap to your body fitting perfectly. A medium to soft flex characteristic adapts to your back to bend when you need to move and stay rigid when you want it to. The integrated EVA cushion protects from heavy impacts and gives added comfort. The built in DUAL STRAP construction spreads out the loading points all over the harness. The BUSB V2 spreader bar makes everything come together in one of the best harnesses on the market!

Construction details

- EXO SKELETON: myriad high end components make the G6 highly ergonomically and nearly bomb-proof! SOFT-EDGE Technology: no pressure and stress points, everything is padded with
- soft neoprene Double Webbing attachment point concept

- Full EVA in and out! 3D2: "double 3D shaped" PU board on the inside for perfect shape. VIBRA-TECH: Extremely rugged and durable construction, quality materials +
- heavy duty stitching integrated kidney belt that runs through the entire harness for the best grip, best flexibility and perfect fit BUSB v2 spreader bar with protection pad and integrated knife pocket

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BEST SUPPORT POSSIBLE

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The G5 is our benchmark harness, a very complete package offering a fresh new look while keeping the fundamentals of a cutting edge harness. The Double 3D shaping gives maximum support and integrates lumbar comfort.

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The optimized outline allows the perfect fit to wrap to your body. A medium to soft flex characteristic adapts to your back to bend when you need to move and

stay rigid when you want it to. The integrated EVA cushion protects from heavy impacts and gives added comfort. The build in DUAL STRAP construction spreads out the loading points all over the harness. The BUSB V2 spreader bar makes everything come together in one of the best harnesses on the market!

Construction details

- Double Webbing attachment point concept Armor Guard Construction: 80 pieces of high end materials make the G5 nearly bomb-proof! SOFTEDGE Technology: no pressure or stress points, everything is padded
- with soft neoprene Full EVA inside and out!

- 3D2: "double 3D shaped" PU board on the inside (made out of six parts) Extremely rugged and durable construction, quality materials + heavy duty stitching
- integrated kidney belt that runs through the entire harness for the best grip, best flexibility and perfect fit BUSB spreader bar

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UNIT SUPER SUPPORT

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The fresh looking UNIT is our comfortable low profile harness. A harness that feels like you are not wearing one, whilst giving you maximum support. UNIT harness riders want freedom to move with style and power, all in a small package. The lower profile of this harness adapts to your body to support the spine and lumbar region. It has an integrated EVA cushion that provides tons of comfort. The Double 3D shape allows for a tight fit that does not let the harness ride up. The spreader bar comes with a protection pad and the single strap construction allows for easy adjustment. The BUSB gives maximum support both on and off the water.

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Construction details

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Single Webbing attachment point concept

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• Low Profile Construction for strong support and free movement

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 SOFTEDGE Technology: no pressure or stress points, everything is padded with soft neoprene

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- 3D2: "double 3D shaped" PU board on the inside (made out of of six parts)
- BUSB spreader bar
- Extremely rugged and durable construction, quality materials + heavy duty stitching
- Buckle Up Spreader Bar

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GRIT SUPER FLEXIBLE

· GA

Get maximum freedom and flexibility with the GRID. This lightweight and flexible harness is strong and comfortable for everyday riding.

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Construction details

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EVA back pad for support and protection of the lower back

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SUPER COMFORT

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GRID

Better known as the "easy rider" because of its extreme comfort and anti chafe padding. With its 8 load bearing straps, the load is distributed evenly across the whole harness. The medium bar height allows for easy hooking in and out. An easy going harness that will allow you to maximize your time on the water.

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Developed

together with our team, the new look GA team bags, are designed to be light and durable, and meet the demands of the most hardened traveler. With a diverse range, you will be able to protect all your equipment, be it a trip to your local beach or to the other side of the globe.

Light Board Bag





235cm x 55cm, 235cm x 60cm, 240cm x 55cm, 240cm x 60cm, 240cm x 65cm, 240cm x 70cm, 240cm x 85cm, 245cm x 60cm, 245cm x 65cm, 250cm x 70cm 255cm x 70cm, 255cm x 80cm, 255cm x 90cm 265cm x 70cm, 265cm x 80cm

Formula Board Bag Single











Wave: L 220cm x W 36cm x H 33.5cm Freeride: L 260cm x W 36cm x 33.5cm

Triple Freestyle Bag (with wheels)



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🔷 L 270cm x W 73cm x H 40cm 🔷



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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.

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	SIZE	MAST	IMCS	LUFF	BOOM	BASE	BATTEN	ТОР	CAMS	IDEAL MAST
	3.3	370	17	338	138	0	4	Vario	0	Gaastra 100 RDM
	3.7	370	17	358	144	0	4	Vario	0	Gaastra 100 RDM
	4.0	370	17	373	147	5	4	Vario	0	Gaastra 100 RDM
	4.2	370	17	378	149	10	4	Vario	0	Gaastra 100 RDM
	4.5	370	17	387	153	17.5	5	Vario	0	Gaastra 100 RDM
	4.7	370/400	17/19	395	158	25	5	Vario	0	Gaastra 100 RDM
	5.0	400	19	403	162	5	5	Fixed	0	Gaastra 100 RDM
	5.3	400	19	414	167	15	5	Fixed	0	Gaastra 100 RDM
$\mathbf{\nabla}$	5.7	400/430	19/21	430	171	30	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.

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\diamond	\diamond	SIZE	MAST	IMCS	LUFF	BOOM	BASE	BATTEN	TOP	CAMS	IDEAL MAST	
\diamond		3.3	370	17	338	140	0	4	Vario	0	Gaastra 100 RDM	
		3.6	370	17	353	141	0	4	Vario	0	Gaastra 100 RDM	
D a	V	4.0	370	17	370	149	0	4	Vario	0	Gaastra 100 RDM	
a co		4.2	370	17	377	153	7.5	4	Vario	0	Gaastra 100 RDM	
		4.5	370	17	388	157	20	4	Vario	0	Gaastra 100 RDM	
	V	4.7	370	17	397	161	27.5	4	Vario	0	Gaastra 100 RDM	
		5.0	400/370	19/17	404	165	5	4	Fixed	0	Gaastra 100 RDM	
Ø		5.4	400	19	415	175	15	4	Fixed	0	Gaastra 100 RDM	
~~ <u>~</u>		Compati	ihle with other i	masts that are	equal in len	oth and IMCS						

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

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

SIZE	MAST	IMCS	LUFF	BOOM	BASE	BATTEN	ТОР	CAMS
1.0	300	TBA	166	122	TBA	1	Vario	0
1.5	300	TBA	200	120	TBA	1	Vario	0
2.0	300	TBA	223	121	TBA	1	Vario	0
2.5	300	TBA	246	137	TBA	1	Vario	0
3.0	300	TBA	287	154	TBA	2	Vario	0
3.5	400	TBA	312	157	TBA	3	Vario	0
4.0	400	TBA	338	160	TBA	3	Vario	0
4.5	400	TBA	373	169	TBA	3	Vario	0
5.0	430	TBA	404	176	TBA	4	Vario	0
5.5	430	TBA	420	185	TBA	4	Vario	0
6.0	430	TBA	440	193	TBA	4	Vario	0
6.5	460	TBA	464	200	TBA	4	Vario	0

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.

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

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BOOM

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IDEAL MAST

Gaastra FOXX

Gaastra FOXX

Gaastra FOXX

Gaastra FOXX

Gaastra FOXX

Gaastra 15 SDM

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

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IDEAL MAST

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