

RIG ERGONOMICS »

A unique focus for SEVERNE Sails is rig ergonomics. By analysing the overall effect the sails geometry has on the sailor, we are able to build sails that are more comfortable to use in a larger range of conditions.

Technically, this is achieved through analysing the following points:

- Placement of the centre of effort in the rig
- Rake angles, pitch, and sheeting angles
- The application of the sail and the specific characteristics required for each sail range

Once these elements are analysed and adjusted, we can deliver the most comfortable stance possible for each sail design.

SEVERNE focus on developing a larger "sweet spot" or area of sailing trim where the rig performs more efficiently. This translates into rigs that are significantly more predictable and that allow the sailor to easily respond to changing wind and water conditions.

DESIGN PHILOSOPHY »

SEVERNE develops sail that are lighter, faster, easier to rig and tune and meets design goals based on function.

SEVERNE has developed a much more responsive set of sails that retain their control over a wide spectrum of use. Dropping into a bottom turn or initiating a high speed gybe; power is instantaneous and smooth. Drive is locked low and forward in the sail, giving a predictable, balanced feel throughout its wind range. These are purist sails, designed with performance and handling capabilities that extend their ease of use.

SEVERNE sails are built using 3 specific zones, designing materials to suit the demands in each area of the sail.

CONTROL ZONE »

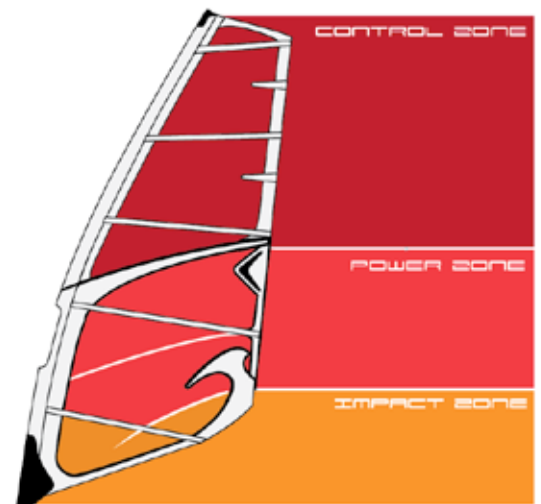
The upper section of the sail defines the control characteristics of the sail. This is done through varying the parameters such as twist and skin tension. To reduce the overall weight and swing weight of our sails, the most technically advanced, lightweight materials are used in the upper section. Reducing film thickness and running rig loads through multiple fibres reduces the weight of our sails significantly and promotes light handling and a throw around feel.

POWER ZONE »

The mid section generates the sail's power; the mechanical stability of this area is paramount. Materials used in the luff panel will dictate how the pressure is disbursed into the sail. Wider spaced X-ply materials and intelligent panel layouts maximise vision whilst maintaining durability. This is important in all models, especially wave sails, to enable critical timing on the wave.

IMPACT ZONE »

Heavy duty materials are kept lower in the sail, an area traditionally prone to damage. Thicker films, twisted fibres and stronger yarns are used to increase the durability in this area and keep the extra weight low in the sail.



SHAPING TECHNIQUES »

For a much more consistent foil shape when the mast is being loaded and unloaded in extreme conditions, we engineer the 3D position of each point on the entire foil to the sub-millimetre. We then join the seams with a complex web of internal and external reinforcements for solid seam construction. This process translates into wider wind ranges and a more balanced, consistent feel at all times.

SPEED & RESPONSE »

Superior handling, an active feel and balance allow you to utilise the rig as your on-demand power source. We build these foils for performance; engineering them light so they respond immediately to wind, water and rider input. An instant decision can be executed without the sail dynamics taking time to catch up. Traditionally a priority with racing sails, the idea of speed is critical in the design of our freeride sails. We have tuned each model for maximum speed, without losing focus on any of the important freeride factors.

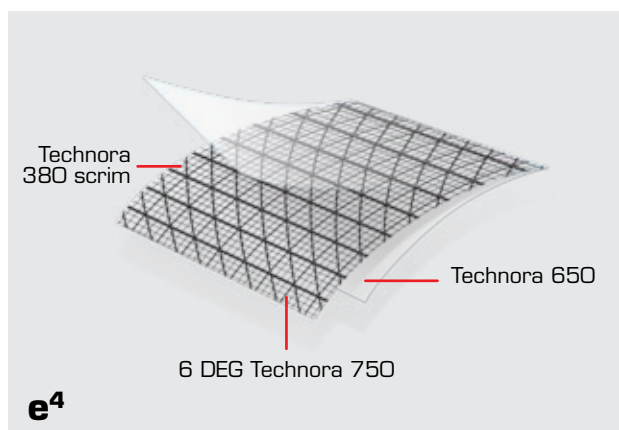
DURABILITY THROUGH DESIGN »

We demand the strongest sails, but we will not compromise on weight. Rather than use the traditional approach of just beefing up high load, high stress areas with heavy materials, we have concentrated on balancing the skin tensions by using high tech materials such as Aramid and Technora for reinforcing. An example of this is the Aramid Torsion Frame, used on selected high end models where the perimeter is reinforced with Kevlar. This can be seen inside the boom opening where these materials are visible.

Vulnerable stitching is protected with recessed grooving used within the moulded soft edge and the batten abrasion protector on larger sails where the sail is likely to touch the boom. We also use innovative, folded patch technique in the foot areas.

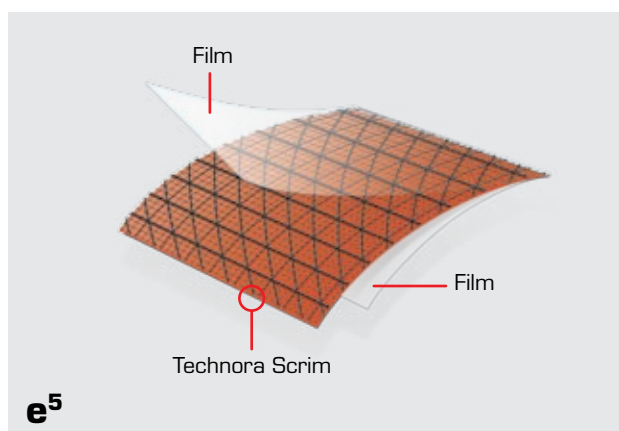
STYLING »

In our quest to bring you the ultimate product, we bring balance, innovation and a progressive design ideology in our sails. Function is always balanced by refinement and attention to detail, from our biggest race sail to our smallest component.

**e⁴:**

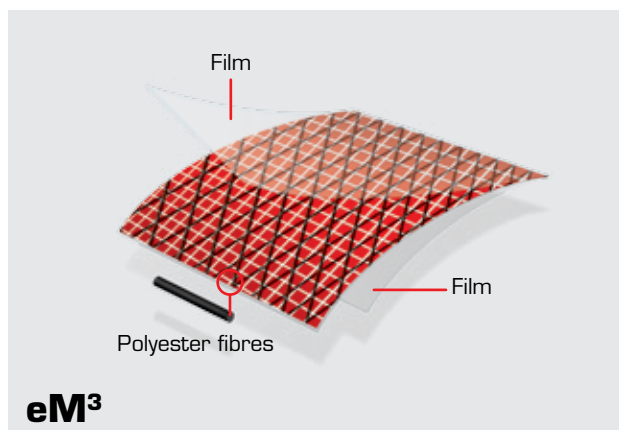
e⁴ crams the highest possible amount of high tech materials into a single laminate. This combination of Technora scrim and Technora X-ply enables rig loads to be carried through the fibres, creating a huge weight savings in the external laminate material. Stronger fibres and a reduced outer film results in a material that has huge stretch resistance and increased tear strength, with significant weight saving characteristics.

SCRIM: TECHNORA
X-PLY: TECHNORA
GSM: 119.92GSM

**e⁵:**

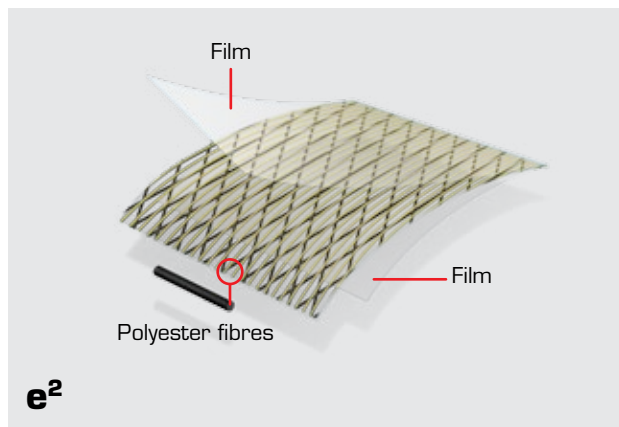
Developing the e series cloths to continue to reduce the weight and swing weight of our sails, e⁵ has a further reduced outer film with rig loads carried through the multiple Technora fibres. The orange UV inhibiting adhesive ensures longevity without weight penalty.

SCRIM: TECHNORA
GSM: 98.51GSM

**e-series MetaleX III:**

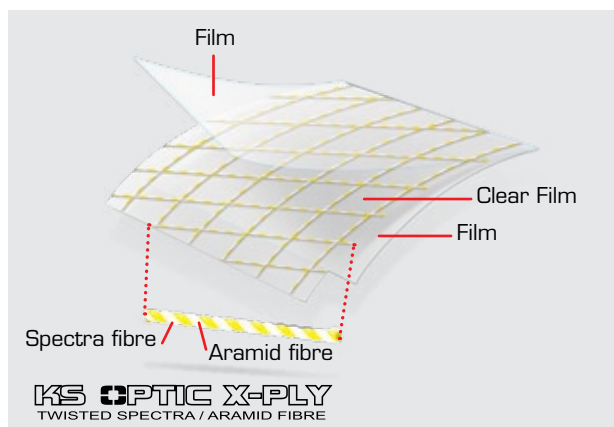
eM3 has been developed to combine the performance of the e-series cloths with the durability of MetaleX II. The addition of a 90-degree polyester scrim has provided unique tear resistant characteristics and the off-axis loads are carried through the 22-degree X-ply fibres. The new red adhesive and pre-preg scrim maintain the UV resistance and tear strength, while the reduced film thickness significantly reduces the weight. The use in the upper panel of the Blade has reduced not only its overall weight, but also the swing weight, aiding manoeuvrability and control.

SCRIM: POLYESTER
X-PLY: POLYESTER
GSM: 160.61GSM

**e²:**

Reduced film thickness, load aligned Kevlar and Polyester X-ply create the ultimate lightweight/durability ratio. Used as a performance weight saving laminate in selected sails.

YARN: KEVLAR
X-PLY: POLYESTER
GSM: 149.91GSM

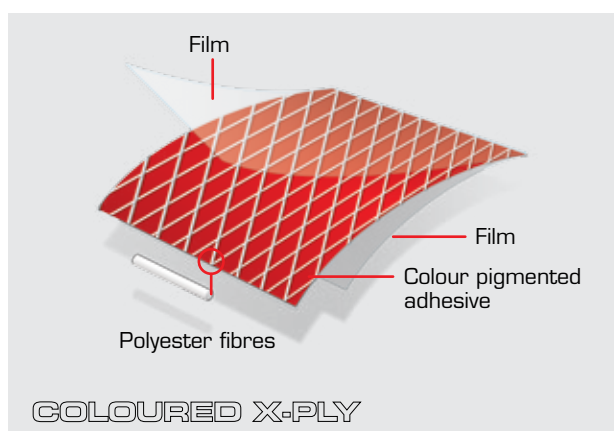


KS Optic X-Ply:

Twisted Spectra and Aramid fibres give unprecedented strength, while wider spacing maximizes vision. Used in the window areas of selected sails.

X-PLY: SPECTRA AND ARAMID

GSM: 179.03GSM

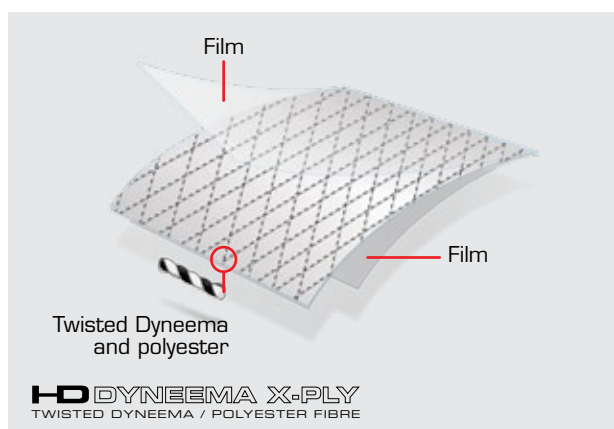


Coloured X-Ply:

A 4mil laminate with a dyed adhesive sandwiched into the laminate adds colour without increasing weight. UV resistance is increased due to UV inhibitors in the centre layer.

X-PLY: POLYESTER

GSM: 184.15GSM



HD Dyneema X-Ply:

The toughest material used in SEVERNE sails. The 'Twisted-Fibre' technology is utilised for maximum tear resistance. Large denier Dyneema fibres are twisted with polyester fibres (resulting in a 1200+ denier combination) for unparalleled strength without fibre creep. Tighter fibre spacing and thicker 5mil film add to the durability and the white UV protection ensures longevity. Used in the foot panels of the Blade, S-1 and Gator for bombproof durability.

X-PLY: DYNEEMA AND POLYESTER

GSM: 224.86GSM

CONTROL ORIENTATED WAVE »

The Blade is a performance wave sail designed to create the perfect blend between power and control. This sail drives power down into the board through every turn. Technical materials maintain lightweight handling and smooth power delivery.



PRODUCT IDEOLOGY »

- Control orientated wave sail
- Unsurpassed durability
- Power centred low in the sail for driving the board through turns



CC1

CC2

PRODUCT CODE	SIZES	LUFF	BOOM	BATTENS	HEAD	WEIGHT	RECOMMENDED MAST	COMPATIBLE MAST
4001120001001	3.0	333	137	5	vario	2.53kg	SEVERNE 340 Wave	SEVERNE 370
4001120001002	3.3	350	140	5	vario	2.66kg	SEVERNE 340 Wave	SEVERNE 370
4001120001003	3.7	367	145	5	vario	2.79kg	SEVERNE 370 Wave	SEVERNE 400
4001120001004	4.0	386	152	5	vario	2.93kg	SEVERNE 370 Wave	SEVERNE 400
4001120001005	4.2	398	155	5	vario	3.04kg	SEVERNE 370 Wave	SEVERNE 400
4001120001006	4.5	404	156	5	vario	3.00kg	SEVERNE 400 Wave	SEVERNE 370
4001120001007	4.7	408	158	5	fixed	3.10kg	SEVERNE 400 Wave	SEVERNE 370
4001120001008	5.0	416	163	5	fixed	3.16kg	SEVERNE 400 Wave	SEVERNE 400
4001120001009	5.3	432	169	5	fixed	3.32kg	SEVERNE 400 Wave	SEVERNE 430
4001120001010	5.5	434	175	5	fixed	TBA	SEVERNE 430 Wave	SEVERNE 400
4001120001011	5.7	442	176	5	fixed	3.46kg	SEVERNE 430 Wave	SEVERNE 430
4001120001012	6.2	458	182	5	fixed	3.63kg	SEVERNE 430 Wave	SEVERNE 430
4001120001013	6.7	463	190	5	fixed	TBA	SEVERNE 460 Wave	SEVERNE 430

RECOMMENDED MASTS

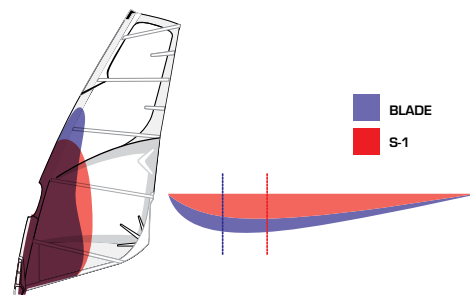
TBA

KEY FEATURES >>

- 100% X-ply construction
- 3 Specific Material Zones:
 - * **CONTROL ZONE - NEW eM3** in the upper section of the sail to reduce weight, lower the swing weight, increase response and promote manoeuvrability
 - * **POWER ZONE - KS Optic X-ply** window panel for no compromise visibility and durability
 - * **IMPACT ZONE - HD Dyneema** foot panel for bombproof durability
- Double seams. Everywhere.
- Aramid Torsion Frame – a Kevlar perimeter for maximum strength
- ARC - Aramid Radial Clew distributes the load evenly into the sail body through bias aligned Kevlar
- Seamless head and foot construction – the lightest, most durable design. Resulting in zero seam creep or seam related failure
- Dacron luff panel for smooth power delivery

COMPARED TO THE >>

S-1: The BLADE is more powerful
S-1: The BLADE has a lower clew height
S-1: The BLADE has the centre of effort lower and further forward
S-1: The BLADE has a softer feel
SWAT: The BLADE is more stable



BOARD TYPE >>

All wave boards

REVIEWS >>

"At the top end, the BLADE scores second to none. It's not only stable but remains so light and controlled in the hands...."

BOARDS UK - NOVEMBER 2010

"Due to its light weight, the handling on the wave is sensational"

"Pro: Sensational – suitable for all weights and abilities"

Con: Nothing to criticise"

WINDSURFING JOURNAL GERMANY - JANUARY 2011

NEW SIZES >>

Light wind sizes of the Blade have been added to the range. The 5.5 is for riders looking for a light wind sail that rigs on a 400 or a 430 mast. The perfect complement to a 4.5, 5.0 quiver without a hardware update. The 6.7 is for heavy weight riders and large wave boards in the lightest conditions. It is optimised to rig on a 430 or a 460 mast.

MANOEUVRE ORIENTATED WAVE AND FREESTYLE »

The S-1 is light, manoeuvrable and technical redefining progressive performance and instant response. It is built using very latest Severne material technology and new school shaping. With a flatter profile, tighter skin tension and manoeuvre biased geometry, the S-1 responds at light speed. This allows for precision placement of the rig in any wave or freestyle manoeuvre. To promote weight loss, the S-1 is stripped back maintaining only the essential technology and materials creating the lightest Severne sail.

**PRODUCT IDEOLOGY »**

- Light and manoeuvrable.
- Flatter profile and tighter skin tension
- Biased towards manoeuvre orientated wave and freestyle



CC1

CC2

PRODUCT CODE	SIZES	LUFF	BOOM	BATTENS	HEAD	WEIGHT	RECOMMENDED MAST	COMPATIBLE MAST
4002120001001	3.7	365	147	5	adj.	TBA	SEVERNE 370 Wave	SEVERNE 400 Wave
4002120001002	4.0	376	154	5	adj.	TBA	SEVERNE 370 Wave	SEVERNE 400 Wave
4002120001003	4.3	388	158	5	adj.	TBA	SEVERNE 370 Wave	SEVERNE 400 Wave
4002120001004	4.5	396	159	5	adj.	TBA	SEVERNE 370 Wave	SEVERNE 400 Wave
4002120001005	4.7	402	162	5	fixed	TBA	SEVERNE 400 Wave	-
4002120001006	5.0	405	168	5	fixed	TBA	SEVERNE 400 Wave	-
4002120001007	5.3	421	171	5	fixed	TBA	SEVERNE 400 Wave	-
4002120001008	5.6	432	182	5	fixed	TBA	SEVERNE 400 Wave	SEVERNE 430 Wave
4002120001009	5.9	454	183	5	fixed	TBA	SEVERNE 430 Wave	-
4002120001010	6.3	463	187	5	fixed	TBA	SEVERNE 430 Wave	-

RECOMMENDED MASTS »

TBA

KEY FEATURES >>

- 3 Specific Material Zones:
- * **CONTROL ZONE - e5 Technora** upper body with reduced film thickness for the ultimate in weight saving technology. For the absolute best response, manoeuvrability and minimal swing weight
- * **POWER ZONE - KS Optic X-ply** upper window panel for no compromise visibility and durability
- * **IMPACT ZONE - HD Dyneema X-ply** foot and clew panel for bombproof durability
- Radial head panel – perfect load alignment allowing for the very lightest materials to be used in the head
- Aramid Torsion Frame – a Kevlar perimeter for maximum strength. (ATF 3d triangle)
- Heavy Duty 25mm double stitched window and impact area for increased durability
- Seamless foot construction – the most durable design. Resulting in zero seam creep or seam related failure
- Dual clew positions – higher for more leverage, manoeuvrability and taller riders, lower for more control and shorter riders

COMPARED TO THE >>

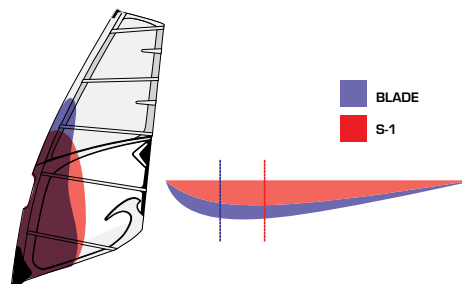
BLADE: The S-1 has a crisper and lighter feel

BLADE: The S-1 posses higher skin tension

BLADE: The S-1 has a more neutral pull and a higher clew position

SWAT: The S-1 uses more technical materials

SWAT: The S-1 is more responsive

**BOARD TYPE >>**

All wave and freestyle boards

REVIEWS >>

"It's unbelievably light in the hands, has great bottom end power and feels manoeuvrable, compact and very responsive"

BOARDS UK – SEPTEMBER 2010

"The S-1 is razor sharp and, coupled with its incredibly light weight; it was a favourite with our team and would suit any high level wave or free-style rider"

WINDSURF UK – NOVEMBER 2010

"It belongs in the absolute favourites amongst our testers"

WINDSURF JOURNAL GERMANY – JANUARY 2011

COMPACT WAVE »

Light, manoeuvrable and compact four batten wave sail. The SWAT has been redesigned with a softer more forward pulling feel and significant weight loss. This compact geometry creates a light, manoeuvrable and forgiving sail with added down force. Value has never been so inexpensive.

PRODUCT IDEOLOGY»

- 4 batten wave sail - reduced weight and compact geometry
- High Value

KEY FEATURES »

- 100% X-ply
- 3 Specific Material Zones:
 - * **CONTROL ZONE:** X-ply with reduced film thickness in the upper panels, reduces weight and swing weight
 - * **POWER ZONE:** KS Optic X-ply window panel for no compromise visibility and durability
 - * **IMPACT ZONE:** Coloured X-ply foot and clew panel with extra film thickness
- Seamless head and foot construction – the lightest, most durable design. Resulting in zero seam creep or seam related failure
- Radial load strips

COMPARED TO THE »

S-1: The SWAT is softer and more forward pulling

S-1: The SWAT is less expensive

BLADE: The SWAT is more compact and aimed at lighter riders

BLADE: The SWAT is less expensive

BOARD TYPE »

All wave and Freestyle



CC1

CC2

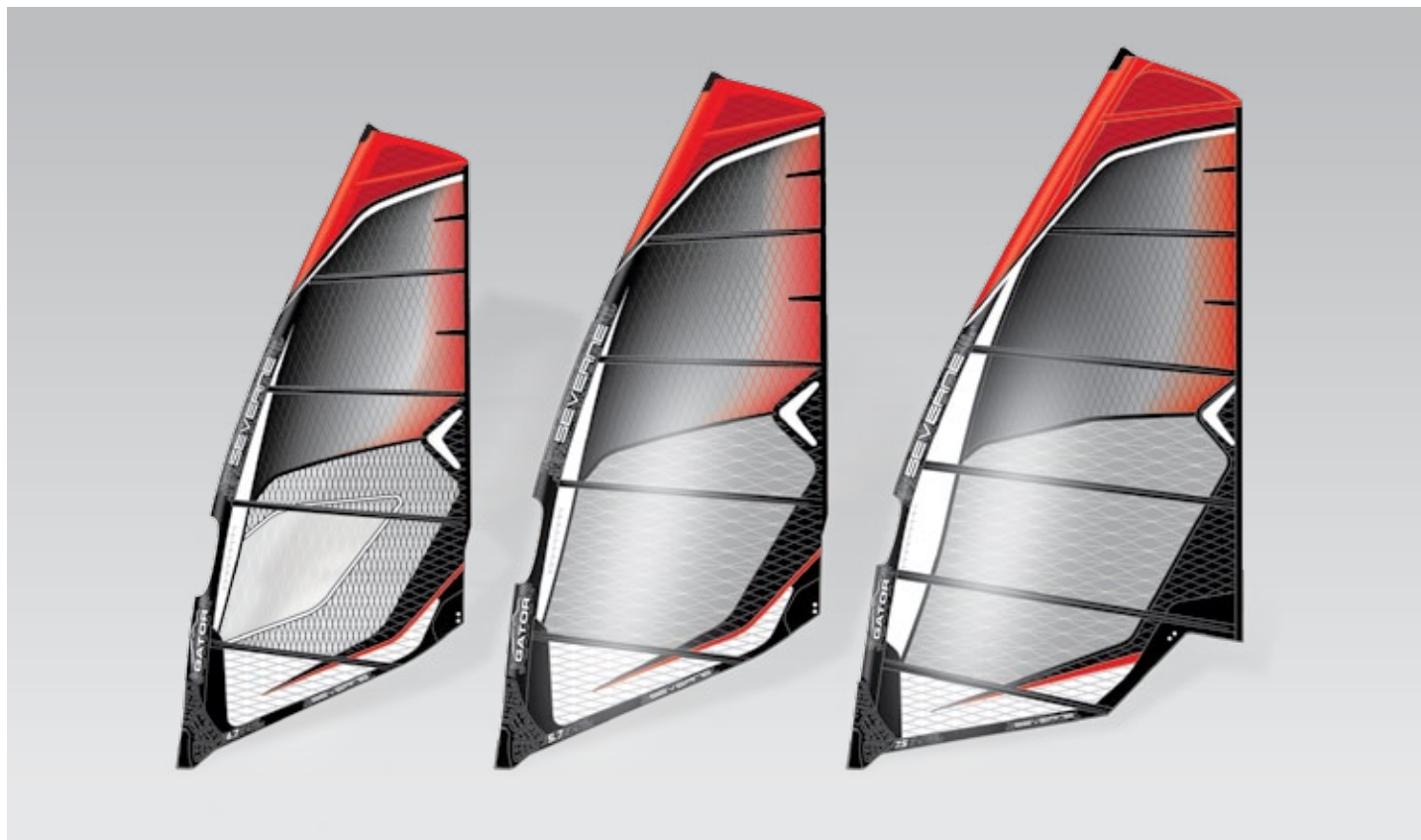
PRODUCT CODE	SIZES	LUFF	BOOM	BATTENS	HEAD	WEIGHT	RECOMMENDED MAST	COMPATIBLE MAST
4003120001001	3.3	TBA	TBA	4	adj.	TBA	SEVERNE 340 Wave	SEVERNE 370 Wave
4003120001002	3.7	TBA	TBA	4	adj.	TBA	SEVERNE 370 Wave	SEVERNE 400 Wave
4003120001003	4.2	TBA	TBA	4	adj.	TBA	SEVERNE 370 Wave	SEVERNE 400 Wave
4003120001004	4.7	TBA	TBA	4	adj.	TBA	SEVERNE 370 Wave	SEVERNE 400 Wave
4003120001005	5.2	TBA	TBA	4	fixed	TBA	SEVERNE 400 Wave	SEVERNE 400 Wave
4003120001006	5.7	TBA	TBA	4	fixed	TBA	SEVERNE 400 Wave	SEVERNE 400 Wave

RECOMMENDED MASTS »

TBA

MANOEUVRE ORIENTATED CROSSOVER - WAVE/FREEMOVE/FREERIDE »

The GATOR sail range covers every type of windsurfing conditions from around the globe. The core principles are durability, manoeuvrability and performance. Every size is designed to echo the demand of the aggressive freeride customer no matter what the wind conditions. The demands of Boujmaa Guilloul and GATOR development are reflected in the 2012 range. New KS Optic X-ply window panel with 20% more strength combined with an HD Dyneema foot panel and a reinforced upper leech create our strongest GATOR to date.



CC1

CC2

PRODUCT CODE	SIZES	LUFF	BOOM	BATTENS	HEAD	WEIGHT	RECOMMENDED MAST	COMPATIBLE MAST
4004120001001	3.7	TBA	TBA	5	adj.	TBA	SEVERNE 370 Wave	
4004120001002	4.0	TBA	TBA	5	adj.	TBA	SEVERNE 370 Wave	SEVERNE 400
4004120001003	4.2	TBA	TBA	5	adj.	TBA	SEVERNE 370 Wave	SEVERNE 400
4004120001004	4.5	TBA	TBA	5	adj.	TBA	SEVERNE 400 Wave	SEVERNE 430
4004120001005	4.7	TBA	TBA	5	adj.	TBA	SEVERNE 400 Wave	SEVERNE 430
4004120001006	5.0	TBA	TBA	5	adj.	TBA	SEVERNE 400 Wave	SEVERNE 430
4004120001007	5.3	TBA	TBA	5	adj.	TBA	SEVERNE 400 Wave	SEVERNE 430
4004120001008	5.5	TBA	TBA	5	adj.	TBA	SEVERNE 430 Wave	SEVERNE 460
4004120001009	5.7	TBA	TBA	5	adj.	TBA	SEVERNE 430 Wave	SEVERNE 460
4004120001010	6.0	TBA	TBA	5	adj.	TBA	SEVERNE 430 Wave	SEVERNE 460
4004120001011	6.5	TBA	TBA	6	adj.	TBA	SEVERNE 430 Wave	SEVERNE 460
4004120001012	7.0	TBA	TBA	6	fixed	TBA	SEVERNE 430	SEVERNE 460
4004120001013	7.5	TBA	TBA	6	fixed	TBA	SEVERNE 460	-
4004120001014	8.0	TBA	TBA	6	fixed	TBA	SEVERNE 460	-

RECOMMENDED MASTS »

TBA

PRODUCT IDEOLOGY»

- Full X-Ply, No Cam, Wave/Freemove/Freeride sail
- Progressive Ride Geometry – A cohesive feel between sizes
- Manoeuvre oriented

KEY FEATURES»

- New lower aspect ratios for better manoeuvrability and mast compatibility
- 3 Specific Material Zones:
 - * **CONTROL ZONE – X-ply** with reduced film thickness. Durability with no weight penalty
 - * **POWER ZONE – New KS Optic X-Ply** with 20% more strength for the ultimate durability and stretch resistance whilst maintaining excellent vision through the sail.
 - * **IMPACT ZONE – HD Dyneema X-ply** foot and clew panels for bombproof durability
- Seamless head and foot construction – the lightest, most durable design. Resulting in zero seam creep or seam related failure
- Balanced power distribution through rig and board, neutral leg pressure, huge sweet spot

COMPARED TO THE»

- NCX: The GATOR is more manoeuvre orientated
- NCX: The GATOR is more durable due to the full X-Ply construction in every size
- BLADE: The GATOR has a softer feel
- CONVERT: The GATOR is more manoeuvre orientated

BUY THIS SAIL IF YOU WANT»

- To ride aggressively no matter what the conditions
- Increased durability and lifespan over monofilm sails
- Plug and play rigging simplicity

BOARD TYPE»

- FreeMove boards, FreeRide boards, Crossover boards, Wave boards.

REVIEWS»

"It's very simple sail to use, extremely fast, easy, and playful with a fabulous light weight feeling in every situation."

WINDMAG – FRANCE: MARCH 2011-04-26

"This sail does everything you would ever want a 6.0 crossover sail to deliver. Highly recommended and suitable for all levels of rider."

WINDSURF MAGAZINE – UK: APRIL 2011

KID'S PERFORMANCE »

Based on the ideology of the S-1, the XS-1 is a dedicated performance kids rig designed around the ergonomics of the smaller rider. This is a real flexing sail, built on scaled down technology allowing even the smallest sailors push their limits.

PRODUCT IDEOLOGY »

- Smaller rig ergonomics and eM3 laminate reduce the swing weight
- Maximum durability, allowing even the smallest riders to excel in the gnarliest of conditions
- Designed in unison with the XS-1 300, a 60% carbon, reduced diameter mast and the reduced grip diameter and width of the Blue line 100-150 boom.

KEY FEATURES »

- Offered as a package with the XS-1 mast and BLUE Line boom
- Dual clew positions – higher for more manoeuvrability and taller riders, lower for more control and shorter riders
- Seamless head and foot construction – the lightest, most durable design. Resulting in zero seam creep or seam related failure
- Geometry and shaping promotes a comfortable, forward pulling stance

COMPARED TO THE »

- S-1: The XS-1 is smaller, lighter and less powerful
- BLADE: The XS-1 is smaller, lighter and less powerful

BOARD TYPE »

- Suited to all kids' boards.



CC1

PRODUCT CODE	SIZES	LUFF	BOOM	BATTENS	HEAD	WEIGHT	RECOMMENDED MAST	COMPATIBLE MAST
4006120001001	2.0	277	113	4	adj.	1.85	SEVERNE XS-1 300	-
4006120001002	2.5	301	123	4	adj.	1.99	SEVERNE XS-1 300	-
4006120001003	3.0	316	132	4	fixed	2.10	SEVERNE XS-1 300	-
4006120001004	3.6	331	146	4	fixed	2.25	SEVERNE XS-1 300	-

WANT TO USE A SMALLER SAIL IN LIGHTER WINDS? LOOK NO FURTHER. »

The Mojo is designed to deliver loads of power for high speed blasting and lofty airtime. The deep draft with a tensioned leech provides the extra power required to accelerate blast and fly. Intelligently upgraded with eM3 for lightweight handling and the perfect weight to durability ratio, this sail is perfect for a sailor looking for an exciting ride even in light winds

PRODUCT IDEOLOGY »

- Power orientated blasting sail
- Increased leverage for jumps and early planing
- The ability to use a smaller sail in lighter winds, increasing manoeuvrability and excitement

KEY FEATURES »

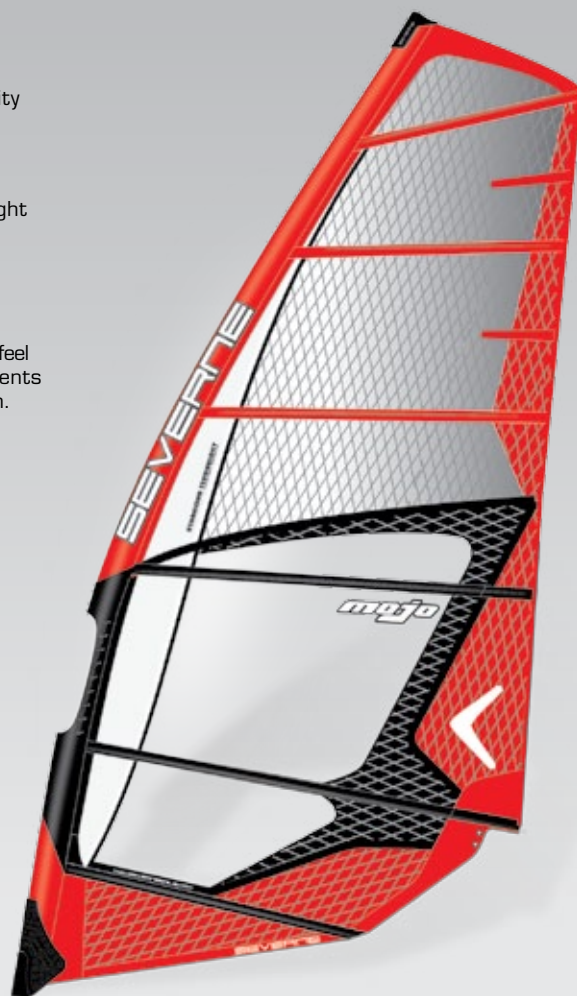
- New eM3 upper sail area for the lowest swing weight, reduced total weight and maximum strength
- Aramid Torsion Frame – a Kevlar perimeter for maximum strength
- Stabilizer Panel - Designed to hold the 3D shaping of this critical area, reducing the vertical stretch of the sail and producing a more stable foil shape when the sail is under load
- Dropped Clew - allows shorter boom lengths to be used resulting in a more direct feel
- Dual Clew Positions - Allows the rider to fine tune the rig to his requirements
- Seamless head and foot construction – the lightest, most durable design. Resulting in zero seam creep or seam related failure

COMPARED TO THE »

- NCX: The MOJO is more powerful
- GATOR: The MOJO is better for jumping and planes earlier
- TURBO: The MOJO delivers power without cams

BOARD TYPE »

- FreeMove boards, FreeRide boards.



CC1

CC2

CC2

PRODUCT CODE	SIZES	LUFF	BOOM	BATTENS	HEAD	WEIGHT	RECOMMENDED MAST	COMPATIBLE MAST
4005120001001	5.3	432	170	6	adj.	4.11	SEVERNE 430 Wave	SEVERNE 460
4005120001002	6.0	456	178	6	adj.	4.37	SEVERNE 430 Wave	SEVERNE 460
4005120001003	6.7	467	187	6	fixed	4.49	SEVERNE 460	
4005120001004	7.5	484	198	6	fixed	4.79	SEVERNE 460	

ENTRY LEVEL FREERIDE »

The CONVERT combines maximum durability at an entry level price. Smooth, manageable power delivery with a balanced foil makes it easy to sail. Built for lasting performance the CONVERT is the obvious choice for the impact prone windsurfer looking for a bombproof sail at a value orientated price. The ultimate in functional, recreational performance, packaged with industry leading value.

PRODUCT IDEOLOGY »

- High value
- Bombproof durability
- Manageable, controllable performance = Easy to rig and sail

KEY FEATURES »

- 100% X-ply construction
- Seamless head and foot construction – the lightest, most durable design. Resulting in zero seam creep or seam related failure
- Dual Clew Positions – the upper hole for more power and taller riders, lower for more control and shorter riders
- Dropped Clew – shorter boom for increased manoeuvrability and mechanical stability
- Pulley hook for speed and ease of rigging
- Balanced, manageable feel, with a forward pulling stance.

COMPARED TO THE »

GATOR: The CONVERT is a price point option

NCX: The CONVERT is more durable due to the X-ply construction

NCX: The CONVERT requires less downhaul, making it easier to rig

NCX: The CONVERT has a softer more manageable feel

BOARD TYPE

- FreeRide boards, bigger boards. »



CC1

CC2

PRODUCT CODE	SIZES	LUFF	BOOM	BATTENS	HEAD	WEIGHT	RECOMMENDED MAST	COMPATIBLE MAST
4007120001001	4.8	416	165	6	adj.	3.20	SEVERNE 400 Wave	SEVERNE 430
4007120001002	5.4	435	176	6	adj.	3.4	SEVERNE 430 Wave	SEVERNE 400/460
4007120001003	6.0	453	185	6	adj.	3.9	SEVERNE 430	SEVERNE 460
4007120001004	6.7	469	194	6	fixed	4.2	SEVERNE 460	-
4007120001005	7.5	486	203	6	fixed	4.4	SEVERNE 460	-
4007120001006	8.5	494	220	6	fixed	4.8	SEVERNE 460	SEVERNE 490

RECOMMENDED MASTS

TBA

NO CAM EXTREME FREERACE » Our test winning NCX incorporates blistering high speed, stability, immediate response and unrivalled acceleration totally uncharacteristic for a no cam sail. Built on the Severne race sail platform with reduced aspect ratios, a more connected leech and higher skin tension, the NCX delivers accessible race sail performance without cams. The design emphasis is on an extremely balanced sail, with built in shock-absorbing properties to allow the rider to maintain a comfortable stance through gusts and chop, and provide a huge wind range

PRODUCT IDEOLOGY »

- No-cam, high-speed Freeride sail.
- Monofilm construction for a crisp response.
- Stable with a huge wind range

KEY FEATURES »

- NEW Luff Protect – Reinforced luff panel reducing the damage during rigging and de-rigging
- Aramid Torsion Frame – a Kevlar perimeter for maximum strength
- Stabilizer Panel - Designed to hold the 3D shaping of this critical area, reducing the vertical stretch of the sail and producing a more stable foil shape when the sail is under load
- Dropped Clew - allows shorter boom lengths to be used resulting in a more direct feel.
- Dual Clew Positions - Allows the rider to fine tune the rig to his requirements
- Geometry and shaping promotes an upright stance with increased fin pressure for speed with ease.

COMPARED TO THE »

GATOR: The NCX is faster and more stable

GATOR: The NCX is crisper in response due to the monofilm construction

GATOR: The NCX has a lower foot angle making it more blasting orientated

TURBO: The NCX feels softer and less locked in

TURBO: The NCX is better in choppier conditions due to a softer feel

BUY THIS SAIL IF YOU WANT »

- A fast, high performance rig without cams.

BOARD TYPE »

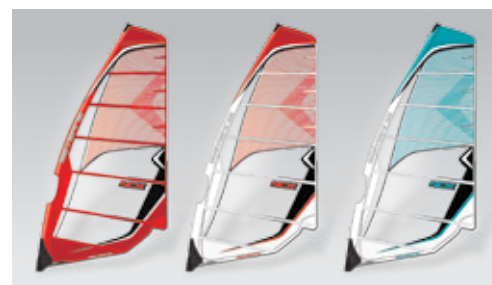
- Ideally suited to all Freeride boards.
- Also suited to Freerace boards.

REVIEWS »

"A Turbo Engine for your Board"

"Clearly the speediest sail of the test....it's so fast, reactive and light"

TEST WINNER WINDMAG – FRANCE: MARCH 2011



CC1

CC2

CC3

PRODUCT CODE	SIZES	LUFF	BOOM	BATTENS	HEAD	WEIGHT	RECOMMENDED MAST	COMPATIBLE MAST
4008120001001	5.5	TBA	TBA	7	adj	TBA	SEVERNE 400	SEVERNE 430
4008120001002	6.0	TBA	TBA	7	adj	TBA	SEVERNE 430	SEVERNE 460
4008120001003	6.5	TBA	TBA	7	fixed	TBA	SEVERNE 430	SEVERNE 460
4008120001004	7.0	TBA	TBA	7	fixed	TBA	SEVERNE 460	-
4008120001005	7.5	TBA	TBA	7	fixed	TBA	SEVERNE 460	-
4008120001006	8.0	TBA	TBA	7	fixed	TBA	SEVERNE 460	SEVERNE 490
4008120001007	9.0	TBA	TBA	7	fixed	TBA	SEVERNE 490	

SUPERCHARGED NO CAM EXTREME FREERACE » Built on the same NCX platform, the NCX Pro utilises upgraded material specs to supercharge its performance. Upper body sections feature NEW eM3 material to reduce overall weight, decrease swing weight and give a smoother ride. The addition of the REFLEX System provides maximum speed over a previously unobtainable wind range and tuning traditionally out of reach to the freeride customer. The NCX pro delivers the ultimate no cam experience.

PRODUCT IDEOLOGY »

- Supercharged performance
- Hi-tech, no-cam, high-speed Freeride sail
- Race tuning potential in a freeride package

KEY FEATURES »

- NEW Technical, lightweight eM3 upper body construction
- NEW Luff Protect – Reinforced luff panel reducing the damage during rigging and de-rigging
- Aramid Torsion Frame – a Kevlar perimeter for maximum strength
- Stabilizer Panel - Designed to hold the 3D shaping of this critical area, reducing the vertical stretch of the sail and producing a
- Dropped Clew - allows shorter boom lengths to be used resulting in a more direct feel
- Dual Clew Positions - Allows the rider to fine tune the rig to his requirements
- Seamless head and foot construction – the lightest, most durable design. Resulting in zero seam creep or seam related failure

COMPARED TO OTHER SAILS IN THE RANGE »

NCX: The NCX Pro is lighter.

NCX: The NCX Pro has less swing weight making it easier to manoeuvre.

NCX: The NCX Pro is smoother due to the shock absorbing properties of eM3

NCX: The NCX Pro more expensive.

BOARD TYPE »

- Ideally suited to all FreeRace boards.
- Also suited to FreeRide boards.

REVIEWS »

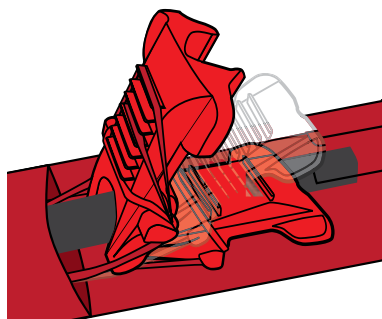
"The NCX Pro is another very successful NCX from Severne in this program; fast and especially easy to use because the sail does all the work. Furthermore, it possesses a great wind range."

WIND MAGAZINE, FRANCE – MAR 2010



THE REFLEX SYSTEM isolates higher batten tension forward in the sail and less tension at the leech, producing a unique twist and flex pattern. This creates a more stable foil, increased rider control, a wider wind range and as a result; more speed.

THE REFLEX BATTEN TENSIONER allows the tension to be applied from a point along the batten's length rather than just at the end of the batten. This allows the body of the sail to be tensioned independently from the leech area. By isolating the batten tension in from the perimeter of the sail it allows the leech to automatically twist and flex under load. The centre of effort remains stable and locked forward in position instead of the batten becoming more round and the draft moving back.



REFLEX SYSTEM



CC1

PRODUCT CODE	SIZES	LUFF	BOOM	BATTENS	HEAD	WEIGHT	RECOMMENDED MAST	COMPATIBLE MAST
4009120001001	6.5	TBA	TBA	7	fixed	TBA	SEVERNE 400	SEVERNE 460
4009120001002	7.0	TBA	TBA	7	fixed	TBA	SEVERNE 430	-
4009120001003	7.5	TBA	TBA	7	fixed	TBA	SEVERNE 430	-
4009120001004	8.0	TBA	TBA	7	fixed	TBA	SEVERNE 460	SEVERNE 490
4009120001005	9.0	TBA	TBA	7	fixed	TBA	SEVERNE 460	

TWIN CAM FREERIDE »

The Turbo is the most user friendly of the cam sails. The combination of low end power with light handling and blistering top speed with control make it an easy choice for the recreational sailor looking for an easy to use performance sail. Based on the ELEMENT platform but with increased skin tension and using our race sail shaping technology, we have increased the overall performance. The Turbo has more speed and control but maintains the lightweight feel. The Turbo uses our homogenous batten concept. The smaller sizes (6.0 – 7.0) feature 6 battens keeping the handling light and the swing weight low. The larger sizes (7.5 – 9.2) feature 7 battens for foil stability over the increased size.

PRODUCT IDEOLOGY »

- Twin Cam Freeride
- Powerful, locked-in feel
- Lightweight and alive
- Soft performance from a cam sail
- Positive rotation

KEY FEATURES »

- Monofilm construction for a crisper rig response and a lighter feel
 - X-ply perimeter for durability
 - Aramid Torsion Frame – a Kevlar perimeter for maximum strength
 - Stabilizer Panel - Designed to hold the 3D shaping of this critical area, reducing the vertical stretch of the sail and producing a more stable foil shape when the sail is under load
 - Dropped Clew - allows shorter boom lengths to be used resulting in a more direct feel.
 - Dual Clew Positions - Allows the rider to fine tune the rig to his requirements
 - Seamless head and foot construction – the lightest, most durable design. Resulting in zero seam creep or seam related failure
 - By moving the draft & overall drive of the sail higher and further forward, the TURBO allows a more upright rider stance.
- This translates into a sail that is easier to sail faster

COMPARED TO THE »

NCX: The TURBO has a more locked in feel.

GATOR: The TURBO has better drive through lulls due to cam supported profiles.

NCX: The TURBO is more suited towards performance in its lower wind range.

OVERDRIVE: The TURBO is more recreationally oriented with improved manoeuvrability and a lighter rig weight.

OVERDRIVE: The TURBO is easier to rig due to the reduced rig tension.

OVERDRIVE: The TURBO has a reduced sleeve width for easier water starting and uphauling.

BOARD TYPE »

Suited to all Freeride and Freerace boards.



CC1

CC2

PRODUCT CODE	SIZES	LUFF	BOOM	BATTENS	HEAD	WEIGHT	RECOMMENDED MAST	COMPATIBLE MAST
4010120001001	6.0	435	185	6	adj.	4.34	SEVERNE 400	SEVERNE 400/460
4010120001002	6.5	456	190	6	adj.	4.49	SEVERNE 430	SEVERNE 460
4010120001003	7.0	465	192	6	Fixed	4.79	SEVERNE 430	SEVERNE 430
4010120001004	7.5	482	205	7	Fixed	4.98	SEVERNE 460	-
4010120001005	8.1	490	212	7	Fixed	5.18	SEVERNE 460	SEVERNE 460
4010120001006	8.6	495	220	7	Fixed	5.42	SEVERNE 460	SEVERNE 460
4010120001007	9.2	516	228	7	Fixed	5.64	SEVERNE 490	-