







AUTHORIZED LOFTSAILS DEALER



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DESIGN: b-ddesign.com



wind vision



“WIND VISION”

performance greater than the sum of the parts...

the board, the rider and the rig life-like, as one... windsurfing at its best!

Designs from The Loft are alive, breathing,

living performance into your windsurfing in all conditions.

Forward sail profile orientation, high skin tension and a soft-twisting,

exhausting leech work together to produce life-like rigs:

expanded performance & wide wind range...

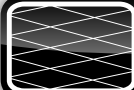
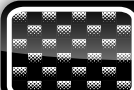





Real quality, performance and reliability is **Loftsails wind vision 2013.**

Marty Spindler

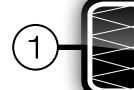








FEATURES



-  **X-CORE** ①
-  **FULL CARBON TUBE BATTENS** ②
-  **SENSITIP** ③
-  **ADJUSTABLE OUTHAUL** ④
-  **TEKCAMS RDM/SDM COMPATIBILITY** ⑤
-  **FORWARD TENSIONERS WEIGHT OPTIMIZATION** ⑥
-  **LTS** ⑦



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-  **FORWARD TENSIONERS WEIGHT OPTIMIZATION** ⑥
-  **LTS** ⑦

Racing Blades are engineered with 4mil X-Core mast pocket sides and a 5mil X-Core interior mast panel. Kevlar strips surround Tekcams to prevent pocket stretch. Full Kevlar foot panels. Loftsails are produced with only first-quality materials and construction techniques... scrim adhesive reinforcements and 5-layer glued sandwich on all seams. Bi-axial and multi-axial grid xply styles built into all Loftsails.

Racing Blade batten systems are highly developed. Four different batten sections are employed to produce The Loft Racing Blade battens. All carb larger diameter Super-Tubes are installed at specific locations, preventing rearward migration fo sail shape. All carb smaller diameter Super Tubes are installed in the upper 3 batten pockets. These new batten sections are light and stiff, assisting in the creation of the light, responsive feeling characteristic of Racing Blades.

The Loft's Sensitip head batten design is the only downhaul-activated tip system. The Sensitip rod is flexed as downhaul tension is applied; stretch your feeling out and up at the tip! An improved head planform is possible with the application of the Sensitip. The result is soft, stable and natural leech twist at the tip that expands performance and wind range. The Loft Sensitip is applied to 02 Freeride, Switchblade, Racing Blade, Blade FR designs.

Adjustable Outhaul is included with the Switchblade 2013 ONLY, light, on-the-fly outhaul adjustment system. The Adjustable Outhaul allows easy on-the-water outhaul adjustments, so you can adapt your rig to the windsurfing conditions without needing to visit the beach. Once experiencing the system you will appreciate its ease of use and the expansion of your wind range.

Tekcams- Rdm/Sdm compatibility !
Windsurfing knows two mast types- Standard Diameter Masts (SDMs), and Reduced Diameter Masts RDMs). The Loft Tekcam System allows both mast types to be compatible. Blades 6.3 and larger include both Large and Reduced Tekcams: Loft Blades adapt to your mast! (5.6 & 4.9 are RDM specific).

Forward Tensioners- Optimized weight distribution.
The Loft introduces improved rig reactivity by redistributing weight from the leech to the mast. The upper 3 batten tensioner assemblies are moved forward to the batten front end- just behind the mast. Less weight at the leech edge improves Blade reactivity, and gives the Blade rider a lighter, more direct feeling.

A critical area of competitive slalom racing designs is the rig's upper leech. Loftsails LTS (LEECH TUNING SYSTEM) is two additional intermediate horizontal seams between the upper battens. These intermediates allow Racing Blade upper leech fine tuning- optimizing leech release. LTS makes the most of your exhaust- gently extracting power over the entire leech from clew to head. Feel the result on the water- Racing Blades are race winning performance "out of the box". Loftsails Exclusif !!

True hard-core wave design.

Sizes: 2.8 3.1 3.4 3.7 4.0 4.2 4.5 4.7 5.0 5.2 5.4 5.7 6.2

The Pure Lip rips in both onshore and sideshore conditions- extreme trim-reactivity is key... Loftsails are consistently credited with the broadest of wind ranges in magazine tests.

Our Pure Lip 2013 design evolved from our double-test-winning Pure Lip 2012.

The Pure Lip 2013 is HARD CORE- no other wave designs are built like it! The Loft's exclusive Integrated Panel Concept: dual 3-layer clew radials extend from under the clew eyelets into the total x-ply Pure Lip body, creating resistance against white water & shore break that other designs cannot match.

Pure Lip triple layer foot construction with kevlar foot panels, kevlar leech perimeter panels and dual luff panel 2plys maximize Pure Lip longevity. For 2013 the Pure Lip enjoys further weight reduction- feel the result as the Pure Lip 2013 adapts to your riding style and your windsurfing conditions.

Features

State-of-the-art first-quality triaxial and bi-axial laminates
The Loft's integrated panel concept, 100% monofilm-free
Full Kevlar-Xgrid foot and leech panels- no frills; only hard-core resistance

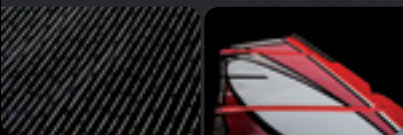
Stepped X-Core application; Kevlar-reinforced perimeter, bi-axial laminate mid & upper sections, bi-axial laminate interior

New batten taper schedules with extensive application of The Loft's standing (stiff rear) batten

Standing battens- The Loft's exclusive stiff batten systems compatible with exposure to waves.



// Details



// Color



SIZE	MAST	BOOM	REQ. MAST
2.8	316	140	340-24
3.1	330	144	340-10
3.4	344	148	340+4
3.7	356	152	340+16
4	368	156	370-2
4.2	380	160	370+10
4.5	388	166	370+18
4.7	398	168	370+28
5	406	174	400+6
5.2	418	178	400+18
5.4	428	182	400+28
5.7	440	188	430+8
6.2	454	194	430+24



Wave//freestyle defined.

Sizes: 3.9 4.3 4.7 5.1 5.6 6.1 6.5

The 2013 Wavescape: a new, progressive multi-discipline design. Wave, freestyle, freemove, freeride- the Wavescape makes your session an unforgettable experience.

The Wavescape is extremely light & powerful- the result of its four batten configuration, weight-conscious construction including SUPERX upper body panels, and profile curve schedules refined over years of testing/development.

The Loft's exclusive Integrated Panel Concept drives longevity into the Wavescape. Exclusive Loftsails batten sections & taper schedules extend the Wavescape upper end. The combination is refreshing- a light, stable feeling!

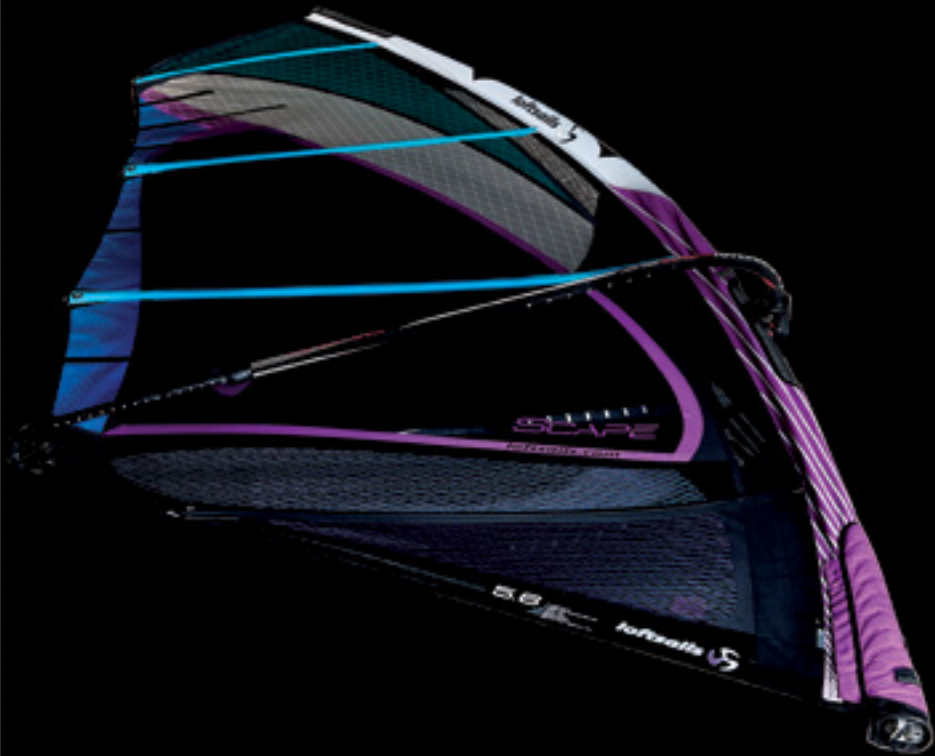
Features

State-of-the-art first-quality triaxial and bi-axial laminates

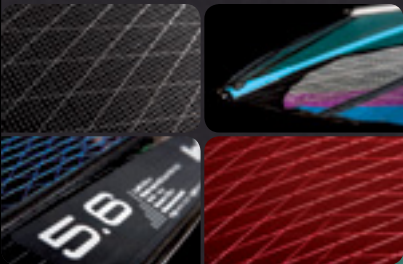
The Loft's integrated panel concept, 100% monofilm-free

Stepped X-Core application; Kevlar-reinforced perimeter, bi-axial laminate mid & upper sections, bi-axial laminate interior

New batten taper schedules with extensive application of The Loft's standing (stiff rear) batten



// Details



// Color



SIZE	MAST	BOOM	REQ. MAST
3.9	368	154	370-2
4.3	384	162	370+14
4.7	402	168	400+2
5.1	416	174	400+16
5.6	434	176	430+4
6.1	452	185	430+22



Freeride//slalom defined.

Sizes: 4.6 5.3 5.9 6.6 7.3 7.8 8.5 9.6

The feeling on the water is what sets the Oxygen apart from the rest. Shaped for cam-free speed & power, the Loftsails O2/Oxygen design has enjoyed a decade of superlative magazine test results.

The Oxygen batten layout works harmonically with its forward oriented profile to produce responsive low-end planing power.

The Oxygen is sensitive to pumping... alive, breathing. Trim the Oxygen for the upper end, the result is speed rivaling specialized cam designs.

Trim the Oxygen soft, and your light-wind windsurfing is transformed to 4X4. Firm trim sets the Oxygen slim and responsive for the upper end.

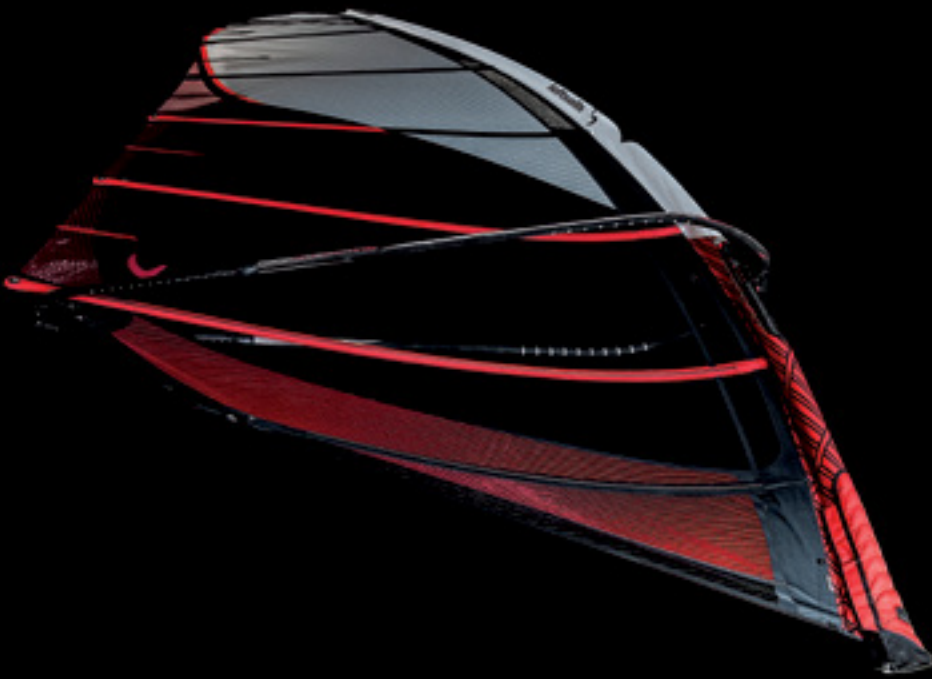
Oxygen sizes up to 8.4: 6 battens (4 tubed) and the Sensitip head batten system.

Oxygen sizes 9.6: 7 battens (5 tubed) and the Sensitip head batten system.

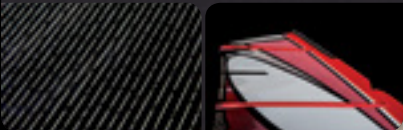
Features

State-of-the-art first-quality triaxial and bi-axial laminates

Sensitip head batten system



// Details



// Color



SIZE	MAST	BOOM	REQ. MAST
4.6	388	168	370+18
5.3	413	176	400+13
5.9	434	192	430+4
6.6	454	202	430+24
7.4	474	215	460+14
8.4	496	224	490+6
9.6	524	240	520+4



SWITCHBLADE



Accessible Freerace defined.

Sizes: 5.8 6.3 6.8 7.3 7.8 8.5 9.3

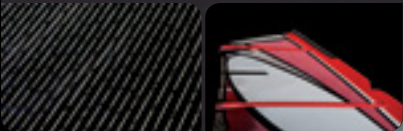
The 2013 Loftsails Switchblade design is slalom/freeride performance optimization, throughout its huge windrange. The Switchblade 2013 is light: our exclusive upper body panels reduce weight while adding damage resistance. With 3 Tekcams and the cross-batten concept, The Switchblade design is progressive & easy, fast and light. Its performance profile & exceptional balance results in an enormous wind range.

Switchblade high luff-elasticity results in an effective downhaul trim of over 5cm will morph the Switchblade from a light wind powerhouse to high-wind/race winning performance . The 2013 Switchblade designs are targeted at slalom/freeride performance in lighter winds, upwind, wide boards & raceboards (with centerboard). The exclusive Blade mast pocket construction creates a clean, fully loaded mast pocket- with equalized loading & ease of rotation.

The result is an easy-balanced, light feeling. Exclusive Loftsails Tekcams lets the Switchblade fit all masts types- rdm & sdm- For rdm masts- 3 Reduced Tekcams are packed into the sailbag... simply remove the Large Tekcams, and place Reduced Tekcams. Switch! Simple!



// Details



// Color



SIZE	MAST	BOOM	REQ. MAST
5.8	418	192	400+18
6.3	442	196	430+12
6.8	458	206	430+28
7.3	473	209	460+13
7.8	488	216	460+28
8.5	504	228	90+14
9.3	522	245	490+32



RACINGBLADE



Unlimited slalom & speed racing

Sizes: 4.9 5.6 6.3 7.0 7.8 8.6 9.2 9.6

Loftsails Racing Blade designs enjoy a long history of competition success... Spindler-designed Blades have claimed 3 absolute World Speed Records, Speedsailing World Cup Championships in 2008 & 2009, PWA slalom victory in 2010 and 3rd mens slalom PWA 2011 (Ben Van Der Steen).

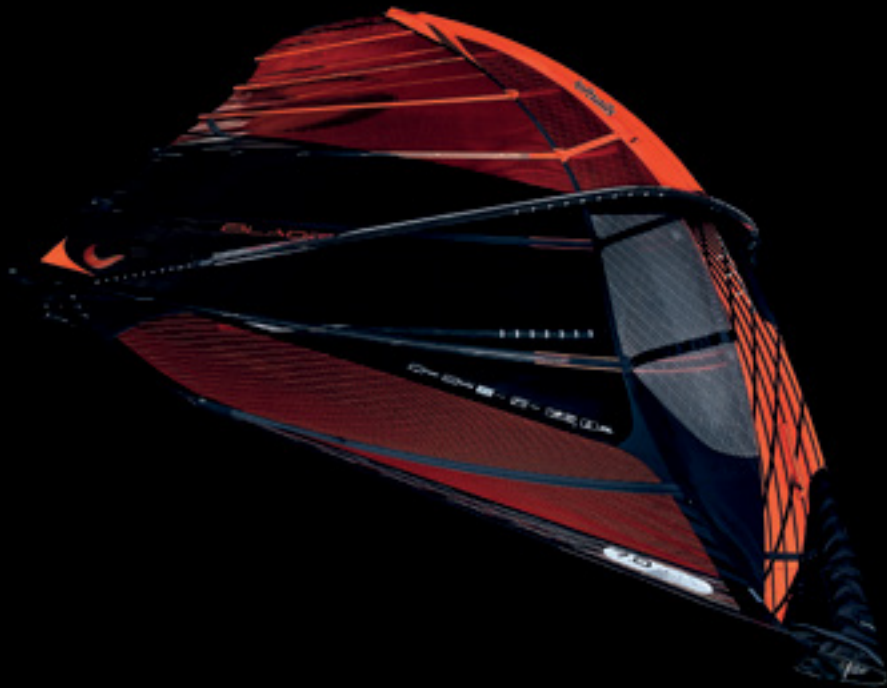
Racing Blades on the podium! Lena Erdil, Ben van der Steen, Antone Questel and Ludo Jossin stepped onto the podium during the PWA 2012 slalom season, placing Loftsails 3rd for 2012 in the PWA constructors ranking.

Racing Blades on the speed course- at Luderitz, Namibia in November 2012, Patrik Diethelm (51.45 knots) demonstrated their competitive speed. Racing Blades are FAST. The new 2013 version of the Racing Blade design is designed & built specifically for ultra-competitive racing- slalom and speed.

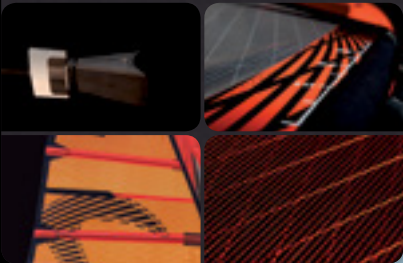
Racing Blades 2013 include The Loft's exclusive Internal Batten Tensioner System (ITS): This exclusive Racing Blade feature results in a lighter, smoother, more aerodynamically reactive leech.

NEW !! Leech Tuning System

A critical area of competitive slalom racing designs is the rig's upper leech. This area is the rig's exhaust, similar to the engine exhaust of racing cars and motorcycles. Loftsails LTS is two additional intermediate horizontal seams between the upper battens. These intermediates allow Racing Blade upper leech fine tuning- optimizing leech release. LTS makes the most of your exhaust- gently extracting power over the entire leech from clew to head.



// Details



// Color



SIZE	MAST	BOOM	REQ. MAST
4.9	389	170	370+10
5.6	416	183	400+16
6.3	440	196	430+10
7	464	206	430+34
7.8	482	220	460+22
8.6	506	232	490+16
9.2	526	240	520+6
9.6	540	248	520+20



BLADEFR

Formula Racing

Sizes: 10 11

The Loft Blade FR 2013 is an original, exclusive Formula Racing design developed over two years. Our Blade FR includes exclusive characteristics:

LTS: Loftsails Leech Trim System. Two intermediate seams tune the FR exhaust, giving the rider speed and angles on new levels.

The Loft's exclusive Internal Batten Tensioner System (ITS): This new Blade feature results in a lighter, smoother, more reactive and aerodynamic leech. The batten tensioners are moved forward, just behind the mast for improved rig inertia. The ITS combines with new reduced diameter full carbon tubes, stability at minimal weight. Blade mast pocket construction: Equalized loading between the mast panel (interior) and the pocket (exterior). The result is tensioned, firm mast pockets that rotate with an ease that must be experienced to be believed. Durability is also augmented with the Blade mast pocket construction. The 2013 Blade FR will make its impact at the top at Formula competitions- Wind Vision Formula style.

// Details



SIZE	MAST	BOOM	REQ. MAST
11	560	270	530+30
12	580	288	550+30

// Color



RACEBOARD BLADE

Pure Raceboard competition

Sizes: 8.5 9.5

Pure Raceboard competition- completely re-designed for 2013, the Raceboard Blade has a long history in raceboard competitions.

Courseboard racing (longboards with centerboards) need specific designs that drive upwind in displacement mode, then blast downwind in full planing mode- with the mastfoot moved to the rear of the mast track.

Blade RB full body curves push in low-end power, Blade RB trim reactivity allows the RB to streamline for upper-end ease. The 5-batten Loftsails Blade RB is competitive course racing made accessible.

Alex Buchau won the 2012 Raceboard Masters World Championships in Medemblik Holland with the Raceboard Blade.

// Color



// Details



SIZE	MAST	BOOM	REQ. MAST
8.5	494	235	490+4
9.5	532	258	520+12



ADVANCE

TECHNOLOGY

 **Loftsails**
wind vision

Initiation

Sizes: 2.0 2.5 3.0 3.5 4.0 4.5 5.1 5.8 6.5

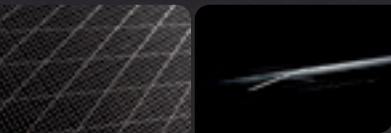
Light, Simple & Easy... The design of choice for beginning / intermediate Windsurf

Advance is The Loft's initiation/school design. Light, simple, easy; the design of choice for beginning windsurfers. Designed with longer boom lengths and shorter mast lengths which lowers rig gravity & the rig power center. Advance low swing weight, and light weight, make the Advance ideal for beginners and intermediates. Advanced windsurfers and freestylers also appreciate the feather-light handling and trim adjustability characteristic of the 2012 Advance.

// Color



// Details



SIZE	MAST	BOOM	REQ. MAST
2.0	280	124	280=0
2.5	310	136	310=0
3.0	322	138	340-18
3.5	338	147	340-2
4.0	351	160	340+11
4.5	368	174	370-2
5.1	409	186	400+9
5.8	430	194	430+0
6.5	452	204	430+22

// BREATHING, TRIM-REACTIVE DESIGNS

Wind vision- performance greater than the sum of the parts... the board, the rider and the rig become life-like... windsurfing at its best! Designs from The Loft are alive; breathing, living performance into your windsurfing in all conditions. Forward sail profile orientation, high skin tension and a soft-twisting, exhausting leech work together to produce life-like rigs. That expand performance and wind range. Living, breathing designs are characterized by trim reactivity:

Soft trim raises the power center; powering-up the rig in light winds. Hard trim lowers the power center; streamlining the rig for strong winds.

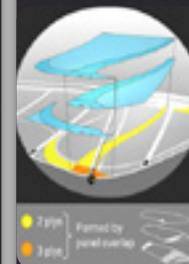
// INTEGRATED PANEL CONCEPT

IPC – The Loft's simple, effective construction technique. At the sail corners, panels are overlapped creating radial extensions into the sail body. The Pure Lip clew is where this technique is most visible. The seams that extend into the sail body from the clew allow the 3 "boomzone" panels to each extend under the clew eyelet. This creates multiple two-plys that radiate into the sail body.

// EQUALIZED

The Loft 2013 batten tensioners- dual side-loops that center & equalize batten tensioner load to the batten/batten pocket/sail body.

// IPC



// TECKAM



// MCI



// SYMETRICAL

All Loftsails Blade designs (Racing Blade, Switchblade, Blade FR, Raceboard Blade) include alternate side batten pocket locations on battens that include Tekcams. This building technique minimizes the tendency for the sail to prefer one tack over the other. The result is equalized body profiles from one tack to the other, and ease of sail rotation. Part of this technique is the xply batten pockets with 3 strips of scrim applied. Batten pockets that match the sail body regarding stretch character assists in keeping the batten tension centered.

// LTS



// LOFT TECKAM SYSTEM - MAST INTERCHANGABILITY

Simple, functional, light, adjustable, durable. The Loft Reduced and Large Tekcams allow both Sdm & Rdm mast compatibility for Racing Blade sizes 6.3 and larger. No other brand has it. Our Teckam system expands performance possibilities by allowing riders to choose the mast of their choice. Sdms are well suited to larger sail sizes, larger riders and flat water, while Rdms are well suited to smaller riders, smaller sizes and rough conditions. (Racing Blade sizes 4.9 & 5.6 equipped with Reduced Tekcams only).

// METALLIC CAM INTERFACE (MCI)

With each sail rotation, cam designs without MCIs will experience cam-to-sail contact point degradation. The Loft's exclusive MCIs work with our Teckam system to eliminate such deterioration to maintain a clean, efficient leading edge for your Blade..

// LEECH TUNING SYSTEM (LTS)

A critical area of competitive slalom racing designs is the rig's upper leech. Loftsails LTS is two additional intermediate horizontal seams between the upper battens. These intermediates allow Racing Blade upper leech fine tuning- optimizing leech release. LTS makes the most of your exhaust- gently extracting power over the entire leech from clew to head. Feel the result on the water- Racing Blades are race winning performance "out of the box". Loftsails Exclusif !!

// THE LOFT BATTEN SYSTEMS

The Loft builds each Loftsail with specific batten sections and batten tapers to create an optimized internal structure for all our sails. The Loft batten systems are engineered with: Rods :

3mm used for microbattens Sensitip battens 6mm & 4.8mm
8.5mm used as battens and front ends for tubed battens
8.0mm x 12mm rectangular section used for standing battens (like tubes for waves!)
8.5mm i.d., 12mm o.d.
Supertubes (all carbon) two types:
5.3mm i.d., 8.5mm o.d.
8.5mm i.d., 12mm o.d.
The Loft's rectangular batten section (10mmx7mm rod) is profiled on the wider dimension- this forces the rear section to resist flex in its stiffer (standing) orientation. The effect is like tubes (stiff) and does not suffer fragility in surf.

// EXPANDED WIND RANGE MADE DIRECT- THE LOFT ADJUSTABLE OUTHAUL

The Loft adjustable outhaul is easy & effective. Compatible with all boom types, included with the SwitchBlade – adjust the character of your rig immediately and effectively... suitable for wave, bump & jump, freeride, freerace and slalom competitions!

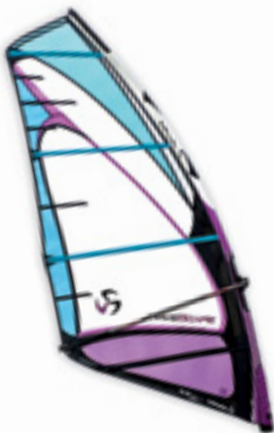
SAILRANGE



PURELIP



WAVESCAPE



ADVANCE



OXYGEN



SWITCHBLADE



RACINGBLADE




BLADEFR



RACEBOARDBLADE



SIZE	MAST	BOOM	REQ. MAST	SIZE	MAST	BOOM	REQ. MAST	SIZE	MAST	BOOM	REQ. MAST	SIZE	MAST	BOOM	REQ. MAST	SIZE	MAST	BOOM	REQ. MAST	SIZE	MAST	BOOM	REQ. MAST	SIZE	MAST	BOOM	REQ. MAST	SIZE	MAST	BOOM	REQ. MAST
2.8	316	140	340-24	3.9	368	154	370-2	2.0	280	124	280=0	4.6	388	168	370+18	5.8	418	192	400+18	4.9	389	170	370+10	11	560	270	530+30	8.5	494	235	490+4
3.1	330	144	340-10	4.3	384	162	370+14	2.5	310	136	310=0	5.3	413	176	400+13	6.3	442	196	430+12	5.6	416	183	400+16	12	580	288	550+30	9.5	532	258	520+12
3.4	344	148	340+4	4.7	402	168	400+2	3.0	322	138	340-18	5.9	434	192	430+4	6.8	458	206	430+28	6.3	440	196	430+10	   							
3.7	356	152	340+16	5.1	416	174	400+16	3.5	338	147	340-2	6.6	454	202	430+24	7.3	473	209	460+13	7	464	206	430+34								
4	368	156	370-2	5.6	434	176	430+4	4.0	351	160	340+11	7.4	474	215	460+14	7.8	488	216	460+28	7.8	482	220	460+22								
4.2	380	160	370+10	6.1	452	185	430+22	4.5	368	174	370-2	8.4	496	224	490+6	8.5	504	228	90+14	8.6	506	232	490+16								
4.5	388	166	370+18					5.1	409	186	400+9	9.6	524	240	520+4	9.3	522	245	490+32	9.2	526	240	520+6								
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5.4	428	182	400+28																												
5.7	440	188	430+8																												
6.2	454	194	430+24																												

// MATERIAL QUALITY

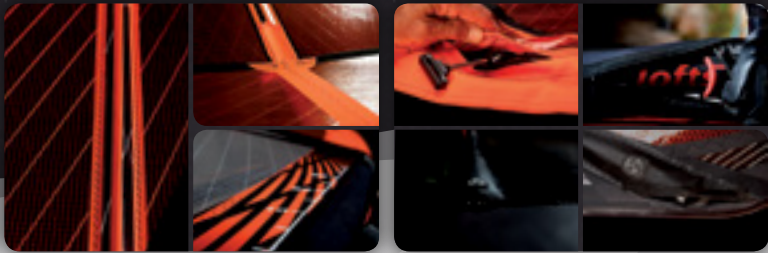
From specialized mast pocket styles, state-of-the-art first-quality triaxial and bi-axial laminates, multi-sectioned batten systems

with specific precision-ground tapers, scrim adhesive reinforcements and 5-layer glued seams, all Loftsails are produced with first quality materials and construction techniques.

// MATERIAL QUALITY

From specialized mast pocket styles, state-of-the-art first-quality triaxial and bi-axial laminates, multi-sectioned batten systems

with specific precision-ground tapers, scrim adhesive reinforcements and 5-layer glued seams, all Loftsails are produced with first quality materials and construction techniques.



BOOM & MAST



Loft Booms "new feeling in your hands"

- Neutral head: Articulating to accept any boom height/clew position
- Compatible with normal diameter masts and reduced diameter masts
- Molded single-piece tail (including vario-arms).
- 2.5 cm steps for length adjustment and 60 cm vario range.
- Harness line position identification with large position markers.
- Multi-threading molded tail; universal adaptability.
- Optimized 31 mm arm diameter; stiff and easy.
- Integrated one-piece carbon head.
- Wave, Free Wave and Slalom available 26 & 29 diameter

Alloy ø 29 cm
Wave 135-195
Free Wave 145-205
Slalom 170-230
Race Slalom 200-260
Alloy RDB ø 26 cm
RDB Wave 135-185
RDB Free Wave 150-200
RDB Slalom 175-225
Carbon RDB ø 26 cm
Wave Pro 135-185
Free Wave Pro 150-200
Slalom Pro 175-225
Race Pro 200-250
Formular Pro 240-300

// Details



Loftsails Tendon Base

The Loftsails Tendon base combines a TPU insert over-mold with an ergonomic shape for optimal tightening and loosening with minimal effort

Loftsails Harness lines

- Fixed lines**, velcro closure.
- 20cm, 22cm, 24cm,
 - 26cm, 28cm, 30cm
- Vario Lines**
- plastic-buckle
 - 20-26cm,
 - 26-32cm



SDM Extension

- One size: 45 cm Alloy or carbon
- Auto cam system adjustment collar New Loftsails

RDM Extension

- Super resistant euro-pin with 3 stainless rollers
- Auto cam system adjustment collar

MAST Autoclave process

Loft masts are constructed using carbon fiber pre-pregs which are cured using a temp specific autoclave process. The result produces masts with the highest possible laminate qualities: no air entrapment for maximized mast integrity.

Carbon fiber layers

Loft masts include an inner spiral of carbon for compression strength. Three layers of unidirectional carbon run longitudinally (without crimp) for maximum compressive strength. Loft masts production processes allow the fiber layers to be controlled in spacing and distribution so mast flex "fine tuning" becomes possible.



PRIME

Loftmasts 100% Carbon SDM

LENGTHS	IMCS	CARBON
430	21	100%
460	25	100%
490	29	100%
520	33	100%
530	34	100%
550	35	100%

TEAM EDITION

Loftmasts TE RDM 100% Carbon

LENGTHS	IMCS	CARBON
370	17	100%
400	19	100%
430	21	100%
460	26	100%
490	29	100%
505	31	100%
520	33	100%
550	35	100%

PRIME

Loftmasts 55% Carbon RDM

LENGTHS	IMCS	CARBON
370	17	50%
400	19	50%
430	21	50%
460	25	50%

ADVANCED

Loftmasts 75% Carbon RDM

LENGTHS	IMCS	CARBON
340	13,5	75%
370	17	75%
400	19	75%
430	21	75%
460	25	75%
490	29	75%

ADVANCED

Loftmasts 75% Carbon SDM

LENGTHS	IMCS	CARBON
400	19	75%
430	21	75%
460	25	75%
490	29,5	75%

EXPERIENCE

Loftmasts 100% Carbon RDM

LENGTHS	IMCS	CARBON
340	13,5	100%
370	17	100%
400	19	100%
430	21	100%
460	25	100%
490	29	100%
505	31,5	100%
520	33	100%
550	35	100%