

# performance windsurfing

The Loft is progressive design... pure dedication to windsurfing.

The Loft - established in 1999, although The Loft roots reach into 25+ years of professional rig development. Experience creates innovation, evolution...

Design quality is critical to maximize your windsurfing experience... windsurfing is performance sailing's the cutting edge; sailing's most efficient form.

Design quality is wind range expansion - optimized performance anywhere, all conditions. Wind range expansion is possible when we imitate nature effectively. Nature's wings have soft and stable profiles with light, flexible tips and are easily adapted to flight conditions.

The Loft develops designs with this natural spirit; designs inspired by, designed for, and confirmed in- wind on the water. Loft sails breathe, you can feel it!

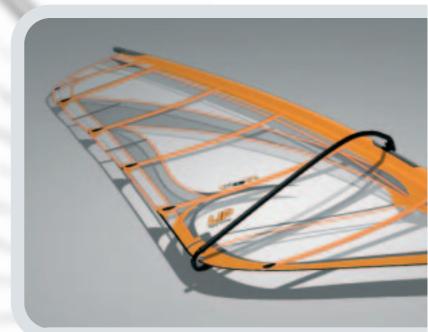
Loft sails progressive design quality is confirmed by windsurfing magazine tests worldwide...

The Loft is excitement felt as the wind rises... anticipation when trees scream with wind interaction... pulse acceleration as wind on the water comes into view... see you there!

Monty Spindler



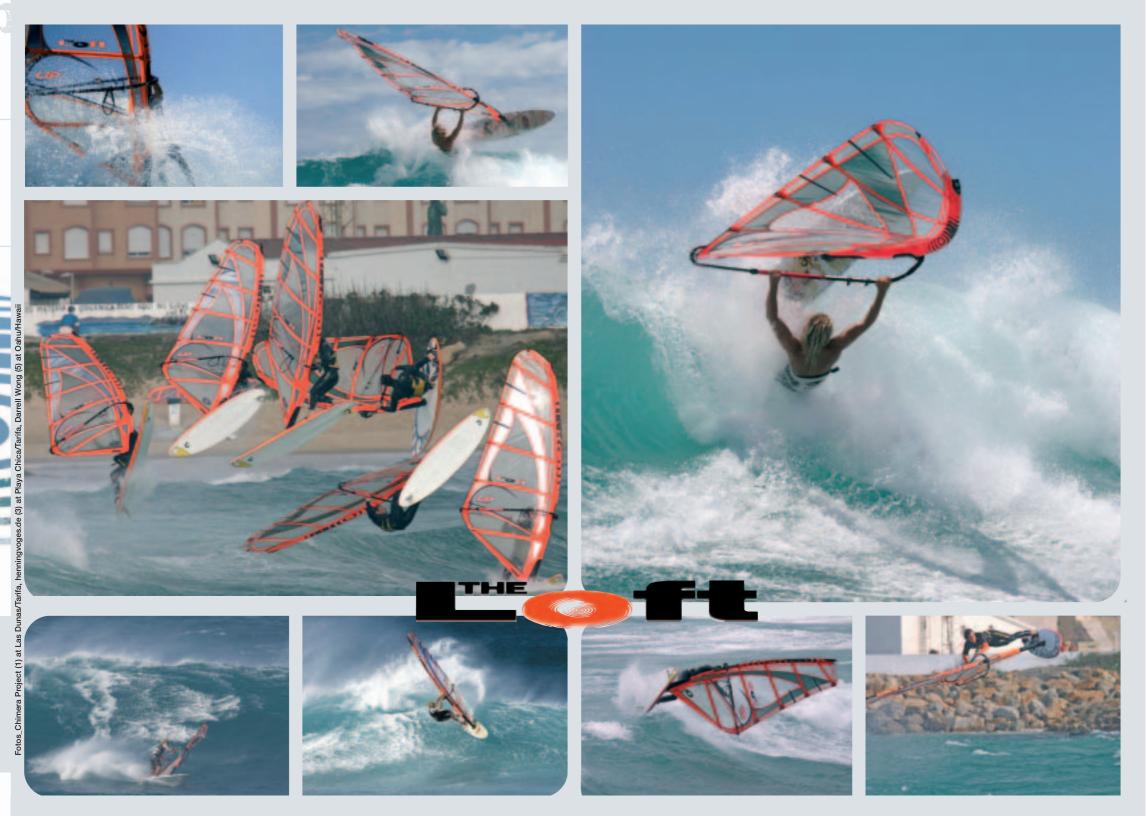
Mdividual. Substantial. experienced.





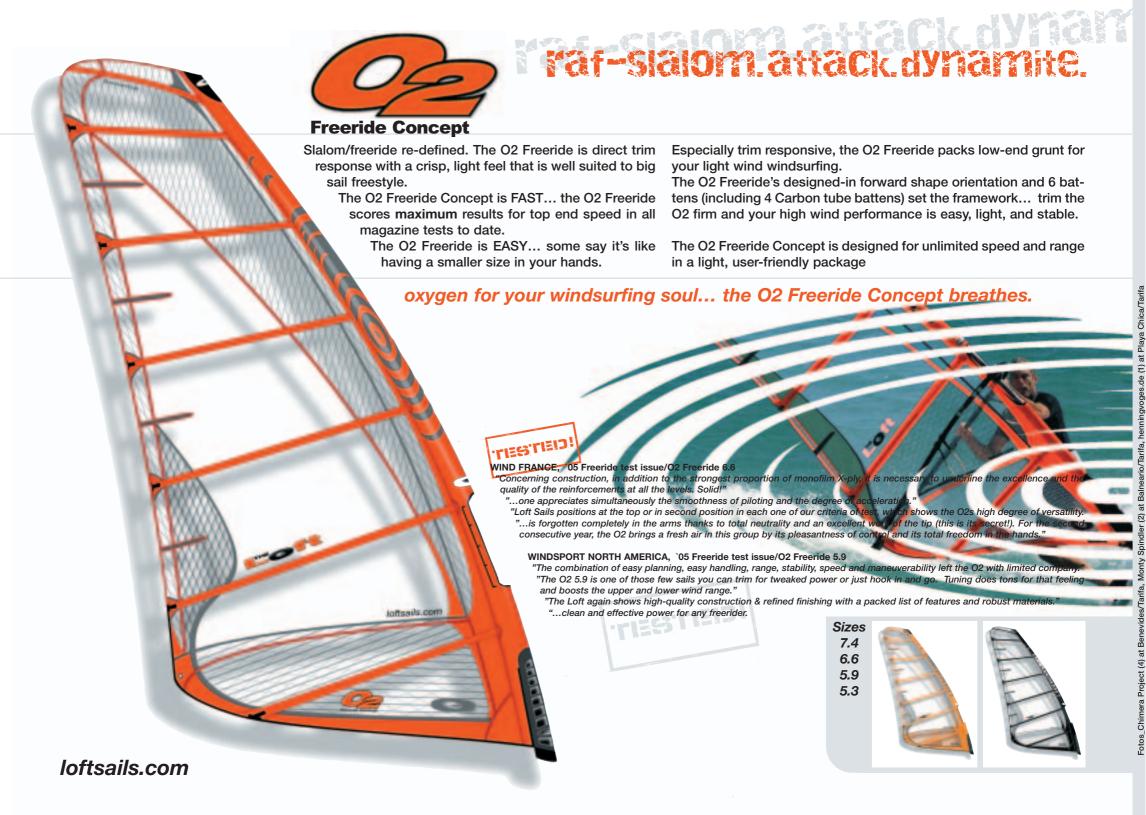










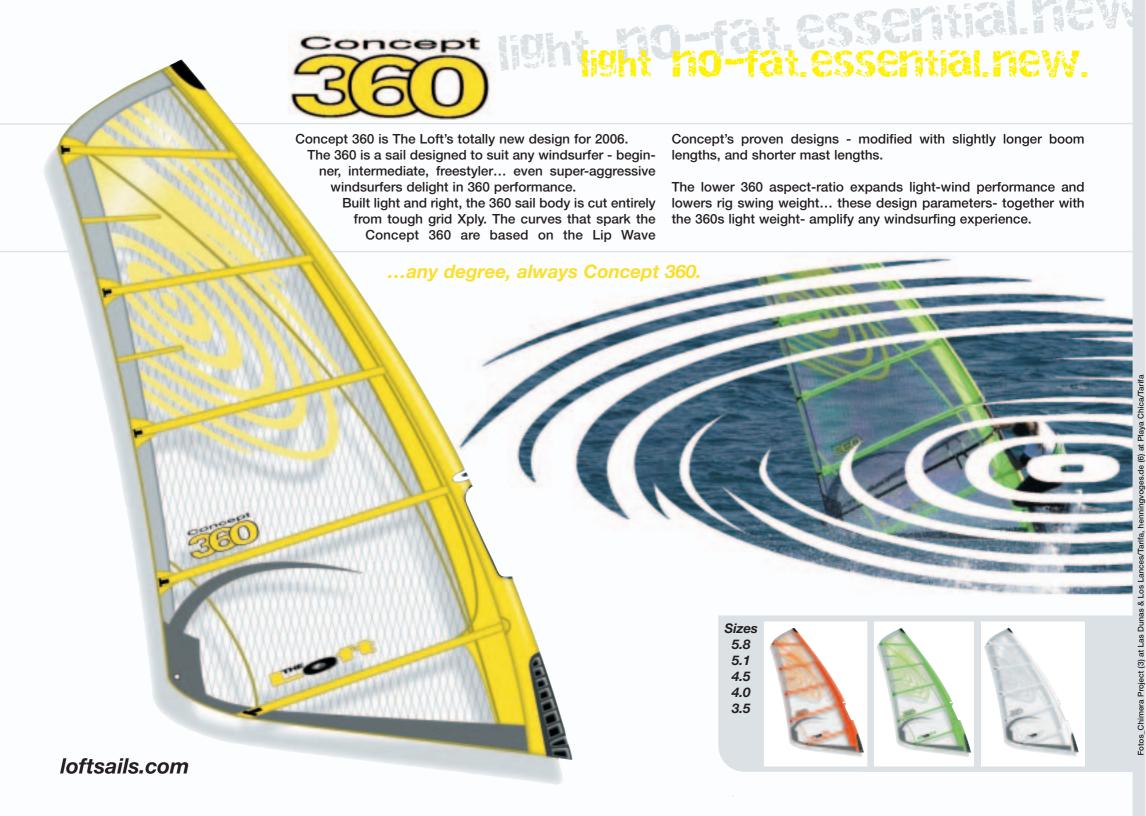








Fotos\_Chimera Project (7) at Benevides/Tarifa, henningvoges.de (1) at Playa C









# r, board and rig become as one.

the rig becomes life-like.

Response that you can feel, performance that comes alive... this is the core of The Loft.

It is a process that begins windsurfing... time on the water produces visions of what can be. Team/pairs testing with variables minimized is the only way to verify design quality... protos to series sails only after performance confirmation.

2006 Loftsails feature pronounced forward body-shape orientation, and high skin-tension. These elements work together to expand effective range... the rig becomes trim reactive: soft and elastic.

- Soft trim (reduced from the printed mast&boom lengths) will directly power-up the rig for light wind conditions - sail shape that powers from head to foot.
- Hard trim (setting the sail at the printed mast & boom lengths) will set the rig effectively for the mid-to-upper

wind range - a slim body and easy handling... sail shape becomes flat, free, and easy. All Lip and O2 Concept sails include adjustable outhauls as standard equipment... its in the bag!

# The Sensi

Stretch your feeling up and out at the tip! The Loft's Sensitip head batten system is the only tip system that is downhaul activated... downhaul tension flexes the Sensitip rod to produce The Loft's very individual feel.

The application of the Sensitip allows for an improved head planform with soft, stable and natural leech twist at the tip.



Progressive design elements can create performance greater than the sum of the parts... Panel Integration Concept- The Loft's exclusive functional and individual construction/graphic technique... real durability designed in.

> The Lip and O2 share The Loft's fundamental construction technique- our Panel Integration Concept.

> > At the clew, tack and head, sail panels are overlapped: this simple technique creates integrated radial extensions into the sail body from the corners, which dramatically improves sail integrity with minimal weight.

> > The clew is where one can most easily see our effective building technique. The four seams that extend into the sail body from the clew allow all three panels at the boom to extend under the eyelet and create a pair of radial 2plys into the sail body.

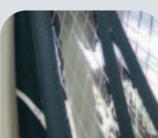
> > The Loft designs with functional grid X-ply exteriors and applies only first-quality sail making materials, from specialized mast pocket fabrics, multi-sectioned batten systems with specific precision-ground tapers, scrim

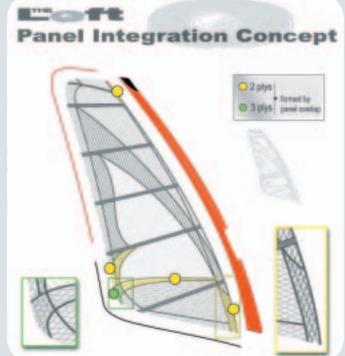
> > > adhesive reinforcements to multiple-styles of biaxial and multi-axial metal and Keylar reinforced grid Xply laminates and extruded PVC thread and foot guards.

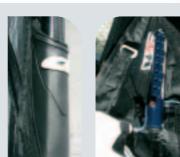


The Loft is a commitment to progressive windsurfing development... design and materials

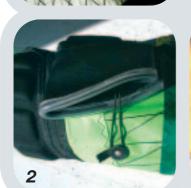
quality that you can feel.















# New finishing details 2006

#### LIP WAVE KEVLAR FOOT PANELS

Both Lip Wave foot panels are cut from super-durable Kevlar-reinforced tri-axial xply material for 2006.

#### ROLL-UP SYSTEM

A new integrated system to keep the 06 sails rolled.

TACK FINISHING & ASSEMBLY 3 & 5

A durable vinyl extenion has been added

between the mast pocket and the board deck, providing protection for the rider from the mastfoot/u-joint. Loftsails 06 are equipped with a stainless steel 3-roller integrated tack pulley, rigging handle and batten tensioner key mounted inside the tack finishing.

#### HEAD PROTECTOR

The mast pocket top is protected with a new pvc molded cover with protected stitching and the Loft logo for 06.

#### LIP & O2 XPLY MAST PANEL

New for 2006 is an Xply mast panel (which is dacron for 2005). The xply mast panel is more stretch-resistant than dacron, consequently the Lip sets slightly fuller due to the increaced stretch resistance. The sail optics also are improved as the silver xply graphic extends down to the tack for 06.

#### THREAD GUARD

Our new soft & light thread guard protects the upper foot 3ply seam from wear.

7

#### BATTEN END PROTECTOR

This small high-quality molded item is fixed at each batten end for 06.

# Sails Specifications



### LIP Wave

[Size]	[Luff]	[Boom]	[Recommended Mast]	[Compatible Masts RDM or SDM]	[Extension or Vario Top (-)]		[Micro Battens]	[Weight (kg)]
5.7	446	185	430/21 RDM	430, 460	16	5+1	2	3.83
5.2	425	177	400/19 RDM	400, 430	25	5+1	2	3.68
5.0	416	171	400/19 RDM	400, 430	16	5+1	2	3.61
4.7	404	167	400/19 RDM	370, 400, 430	4	5+1	2	3.50
4.3	387	158	370/17 RDM	370, 400	17	5+1	2	3.35
3.9	370	150	370/17 RDM	340, 370, 400	0	5+1	2	3.17
3.5	347	145	340/14 RDM	340, 370, 400	7	4	2	2.86
3.1	330	144	3450/14 RDM	340, 370, 400	-10	4	2	2.59



# LIP Freewave

[Size]	[Luff]	[Boom]		[Compatible Masts RDM or SDM]	[Extension or Vario Top (-)]			[Weight (kg)]
6.8	476	202	460/25 RDM	460	16	5+1	2	4.30
6.2	460	191	430/21 RDM	430, 460	30	5+1	2	4.10





# Concept 360

[Size]	[Luff]	[Boom]	[Recommended	[Compatible Masts	[Extension or	[Battens +	[Micro	[Weight (kg)]
			Mast]	RDM or SDM]	Vario Top (-)]	SensiTip]	Battens]	
5.8	435	195	430/21 RDM	460	5	5	2	3.61
5.1	412	186	400/19 RDM	430	12	5	2	3.40
4.5	372	174	370/17 RDM	400	2	4	2	2.87
4.0	354	160	340/14 RDM	370, 400	14	4	2	2.67
3.5	340	150	340/14 RDM	370, 400	0	3	2	2.35



# **02** Freeride

[Size]	[Luff]	[Boom]		[Compatible Masts RDM or SDM]	[Extension or Vario Top (-)]			[Weight (kg)]
7.4	488	216	460/25 RDM	460, 490	28	6+1	4	4.59
6.6	470	203	460/25 RDM	430, 460	10	6+1	4	4.36
5.9	446	190	430/21 RDM	430, 460	16	6+1	4	4.07
5.3	426	182	400/19 RDM	400, 430	26	6+1	4	3.96



# **O2 Freerace**

[Size]	[Luff]	[Boom]	[Recommended Mast]	[Compatible Masts RDM or SDM]	[Extension or Vario Top (-)]			[Weight (kg)]
10.8	562	267	550/38	520	12	7+1	5	5.98
9.6	532	245	520/34	490, 500	12	7+1	5	5.54
8.4	513	513	490/29	490, 500	23	7+1	5	5.18

- All measurements in centimeters.
- Mast & boom measurements are trim settings for high winds. Reduce for lighter winds.
- All the LIP sizes have Vario Tops except the LIP Freewave Concept 6.8.
- All the O2 sizes have Vario Tops except the O2 Freerace Concept 9.6 and 10.8.
- All sizes include the SensiTip head batten system except the LIP Wave Concept 3.5, 3.1 and all 360 sizes.
- RDM reduced diameter mast
- SDM standard diameter mast

Datas subject to change without notice!





# The Loft Carbon Booms... no compromise.

The Loft Carbon line booms are produced with first-quality 100% carbon pre-preg materials. All carbon head, tail and boom arms produce the stiffest boom possible. There is no better power transfer from your sail to you- direct response translates rig power to board speed and superior handling.

#### The Carbon line includes:

Neutral head:

- Specially designed head accepts any boom-height and/or clew position without loading the boom/sail. This new hinged-design eliminates clew pre-loading.
- The Neutral head design includes an integrated one-piece carbon head tube.
- The Neutral head accepts all mast diameters (rdm and ndm) with no need for an adapter.
- The closure lever is large and easy to operate for firm boom placement.
- Double-door head closure system for positive and easy mounting.

Molded single-piece carbon foam-filled tail; elegant stiffness.

Triple stainless steel rollers in the tail- adjustable outhaul compatibility. 2.5cm increments of adjustment with printed length references.

Double-pin vario locking system.

Harness line position print on the inside of boom arms.

60cm vario range.

Optimized 31.0 boom arm diameter- easy and stiff.

Soft EVA grip.

Race Carbon boom includes a new wide tail- ideal for Formula racing.









## The Loft Alu Booms

The Loft Alu line shares the new Neutral boom head with the Carbon line although an alu tube is fitted. The Alu line is built with high-strength seamless T8 tubing.

The Alu line includes:

Neutral head:

- Specially designed head accepts any boom-height and/or clew position without loading the boom/sail. This new hinged-design eliminates clew pre- loading.
- The Neutral head design includes an integrated one-piece carbon head tube.
- The Neutral head accepts all mast diameters (rdm and ndm) with no need for an adapter.
- The closure lever is large and easy to operate for firm boom placement.
- Double-door head closure system for positive and easy mounting.

Triple stainless steel rollers in the tail- adjustable outhaul compatibility. Foam-filled alu tail.

2.5cm increments of adjustment with printed length references.

Single-pin vario locking system.

Harness line position print on the inside of boom arms.

60cm vario range.

Optimized 29mm boom arm diameter- easy and stiff.

Soft EVA grip.

[Wave Carbon]	[Slalom Carbon]	[Race Carbon]	[Wave Alu]	[Slalom Alu]	[Race Alu]
145-205 cm	175-235 cm	240-300 cm	145-205 cm	175-235 cm	210-270 cm

# The Loft Masts... total quality.

Performance on the water is directly influenced by the carbon content of your mast. Greater carbon content = optimum performance. Carbon turbo-charges your windsurfing experience. Performance you can feel...

All Loft Masts are 100% high-modulus carbon pre-preg:

- the fastest possible reflex-response,
- the lightest possible weight,
- the greatest possible rig stability... windsurfing unlimited.



Utilizing 100% high modulus carbon pre-preg, Loftmasts are built to last...

Loftmasts are carefully controlled in design and construction to have "constant-curve" flex character. All Loftmasts measure 64% bend at base (lower 1/4), 76% bend at tip (upper 1/4). The LoftMast range 2005 is quality and simplicity.

#### [Length cm] [Carbon %] [IMCS] [Weight kg] [Dedication]

RDM 340	100%	14	1.05	A super light hard
RDM 370	100%	17	1.37	core reduced dia-
RDM 400	100%	19	1.54	meter mast. Re-
RDM 430	100%	21	1.75	commended for
RDM 460	100%	25	2.05	The Loft Lip Wave
RDM 490	100%	29	2.25	& Freewave sails.
				Great with O2
				Freeride sails.



#### Advanced construction = Advanced performance Autoclave processes

The LoftMasts are constructed using carbon fiber pre-pregs which are cured using temperature-specific autoclave processes. This process produces masts with the highest possible laminate qualities; no air entrapment for maximized mast integrity.

#### Carbon fibers lavers

The LoftMasts include an inner spiral of carbon fibers for compression strength. Three layers of unidirectional carbon fibers run longitudinally (without crimp) for maximum compression strength. The LoftMasts production process allows for fine adjustment of the spacing and distribution of the carbon fibers in the three intermediate layers. Adjusting specific fiber-layups allow our mast flex-curves to be fine tuned and achieve perfect mast-sail compatibility.

#### Integrated-ferrule

The LoftMasts are produced with an integrated-ferrule at the top/bottom joint. This method eliminates the possibility of mast pre-bend... the mast flex-curve remains accurate and your windsurfing performance is absolutely optimal.



Length cmj	[Carbon %]	[IMCS]	[Weight kg]	[Dedication]
SDM 490 SDM 520 SDM 550	100% 100% 100%	29 34 38	1.74 2.00 2.20	SDM 490 100% 29 1.74 Recommended for O2 Freerace. A super light standard diameter mast with great racing

# kids sails & accessories.



# Kids sails

The Loft produces two kids sails that let little rippers have their day. The Kiddo and the Spark are simple, light designs that make windsurfing easy for young beginners.

# **Spark 3.2 m2**

The Spark is a monofilm & dacron kids sail from The Loft. The Spark is very easy to rig! The Spark is equipped with two inflatable battens which are sewn directly onto the sail. The inflatable battens stabilize the Spark head at minimal weight. An additional effect is to prevent the Spark from being submerged, assisting beginning windsurfers and their enjoyment the wonderful sport of windsurfing.

A small air pump is included with the Spark, with just a few pumps the battens are fully inflated.

The Spark includes a two-ply foot, stainless vario top buckle, plastic top cap and soft PVC foot tabling.

Spark Specifications Size: 3.2m2 Mast: 350-370 cm Boom: 150 cm Recommended Mast: 370 rdm/sdm Compatible Masts: 350 alu rdm





## Kiddo 2.5 m2

The Kiddo is a 2.5m2 kids sail from The Loft. Its hot! The Kiddo is super easy to rig! The Kiddo is cut from 3.75gm/m2 dacron and the large window is soft, durable PVC.

The mast pocket is made of durable PVC mesh material which will not collect water making uphauling easy.

The Kiddo rigs on 350cm/38mm o.d.alu masts as well as on 370cm RDM wave masts.

The Kiddo includes a two-ply foot, stainless vario top buckle, plastic top cap and soft PVC foot tabling.

#### Kiddo Specifications

Size: 2.5m2 Mast: 350-370 cm Boom: 150 cm

Recommended Mast: 370 rdm/sdm Compatible Mast: 350 alu rdm

Weight: 1.19kg



# Quiver bags

The Loft produces three professional quiverbag sizes, built with simplicity and longevity in mind.

[Model]	[Length]	[With extension]	[Compatible sail/mast length]
Wave	175 cm	200 cm	sails up to 200 cm boom, 2pc masts up to 460
Slalom	205 cm	230 cm	sails up to 230 cm boom, 2pc masts up to 520
Formula	270 cm	300 cm	sails up to 300 cm boom, 2pc masts up to 580

#### Quiverbags features:

- Special load distribution strap reinforcements at critical points.
- Up to 6 sails capacity & extensions to accept longer boom lengths.
- Separate extensions to allow masts to be placed into the bags.
- All zips oversized and all seams doubled & a zipped side pouch.

# Olympic competition harness

The Olympic Windsurfing competition was dominated by The Loft harness.



Gal Friedman of Israel won Gold with The Loft harness. Silver medal winner Nicos Kaklamanakis used The Loft as his high-wind harness... of the 36 male competitors at the games 15 were racing equipped with the Olympic racing harness from The Loft.

In the womans fleet 9 of the top 20 of the competitors raced for gold with The Loft competition harness.

Monty continues to work with spanish Mistral Champion Curro Manchon in the development of The Loft Olympic

**VOLCANO PAD** 

harness. There is only one choice if you are going

for gold.... The Loft Olympic competition harness. See it all over the Olympic race course, get it from The Loft.

# Bikini & Lycra





# Bags & more







Born in Israel, lives at Pozo, Gran Canaries. "I am fixing boards for a

living, when there is no wind I love to surf and enjoy life.



Royn Bartholdi

Royn lives in the Gorge in the summer and Maui in the winter; As a professional board tester.

"I enjoy wave sailing for the pure aesthetics and freestyle sailing for the competitions and techni-cal challenges." WinnerGorge Games Masters '02 & '04.



**Daniel Bohnhof** 

Born in Germany, lives at Pozo, Gran Canaries. "Don't be afraid of the next step, be afraid of standing still."

























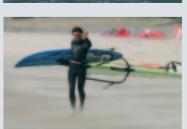


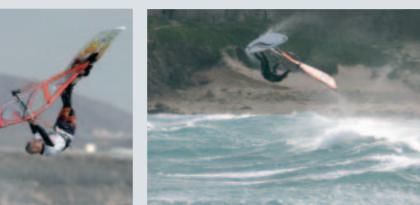














































Pierre Gloaguen
Born in Plougoulm, Brittany, lives in Tarifa.
"I like to travel to the best locations in the world and produce radical photos. Since 2002 I live permanently in Tarifa. My job: professional windsurfing instructor."



Ludo "Joss" Jossin
Born in France, lives in
Estepona/Spain.
"I travelled around Europe
making my home near
Tarifa. Since 3 years I
develop with Monty the
new Loft sails.



Henning Voges
Born in Hamburg, Germany, lives in Tarifa.
"The Lip is a perfect balanced Wave sail, light and heavy built construction. I want a smooth, soft handling sail with enough power, now I have what I am looking for."



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