

BLADE

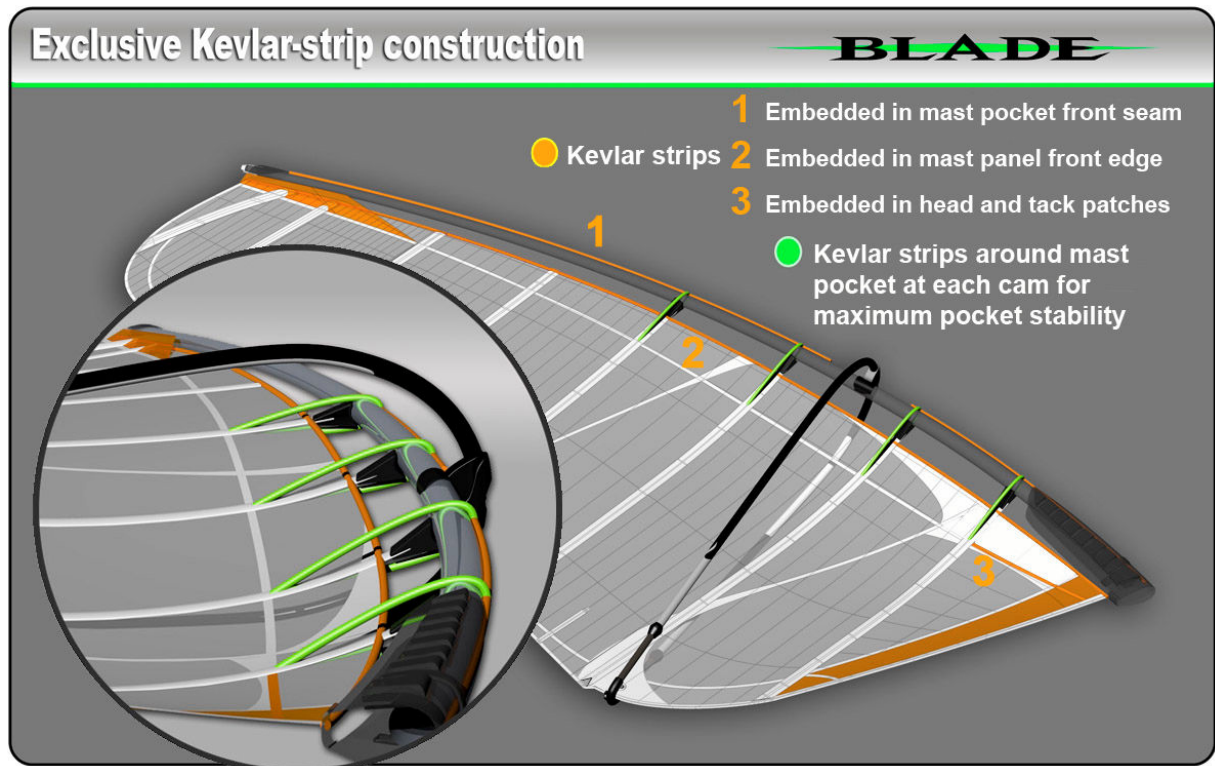
2009

The Loft Blade is new both in design and in performance... the result of new thinking. Blades are light, responsive, and fast. There are a few reasons why Blades are different...

Blade multiple kevlar strip technology. Unique.

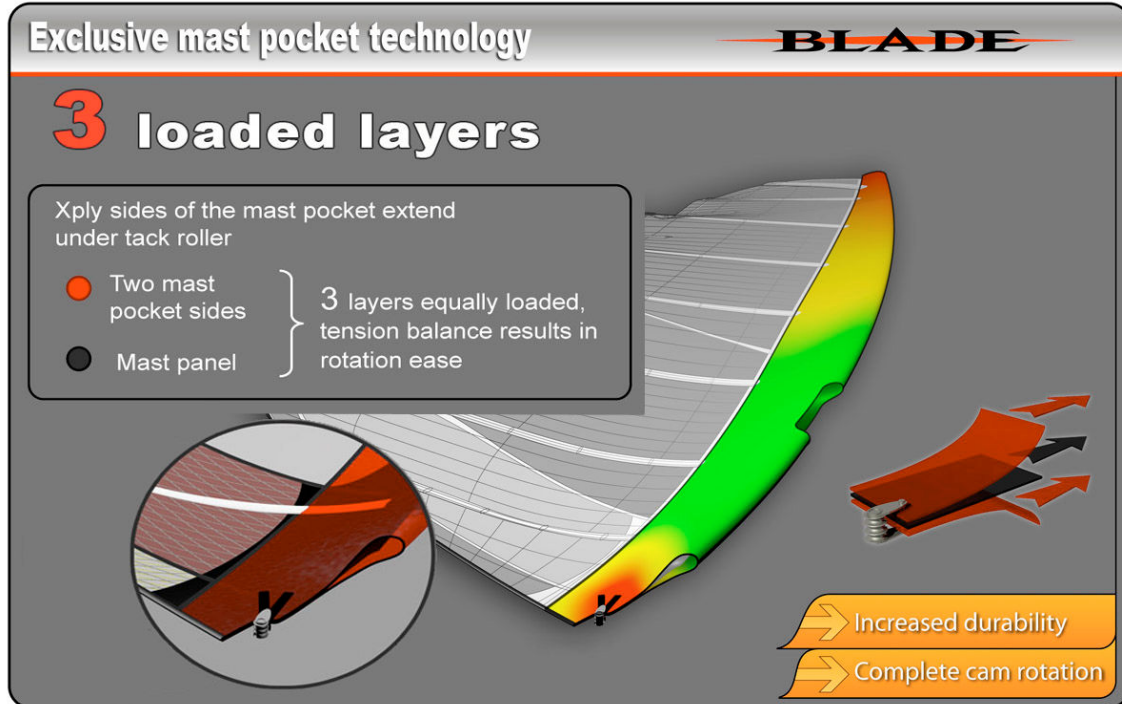
-Worked into all Blades are a pair of vertical kevlar load bearing strips embedded into the Blade leading edge. One strip is embedded into the forward most mast pocket seam, the second into the front edge of the mast panel. The two kevlar strips effectively stabilize the Blade leading edge, creating an internal framework around which the sail breathes. Blade kevlar strips also assist to produce exceptional cam rotation ease.

-Worked into all Blades are quad horizontal kevlar strips around the inside of the mast pocket at each cam. These strips limit mast pocket deformation so that Blades keep their clean, efficient mast pockets.

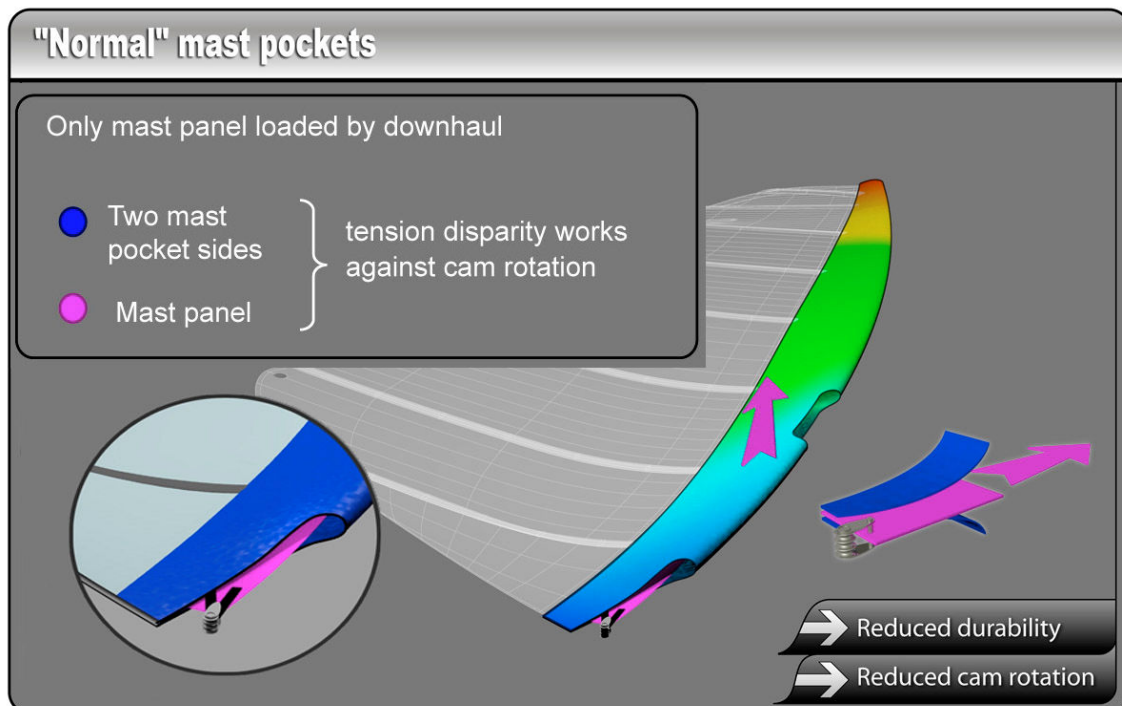


Blade mast pocket construction; unconventional.

–Blade mast pocket construction systems result in equalized loading between 3 layers; the mast panel **and** the two mast pocket sides. Downhaul tension is applied equally to three layers, even tension results in easy & complete cam rotation, and a more efficient leading edge.



Conventional designs apply downhaul tension only to the mast panel (inside the mast pocket). Tension disparity works against rotation.



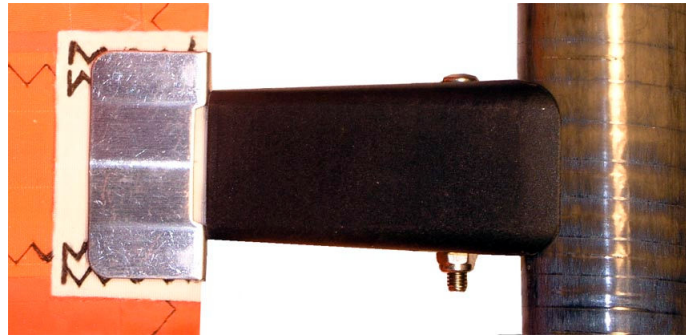
Blade metallic cam interface. Applied materials.

The contact point between cams and the mast panel is critical. Most racing sails have cams systems that place sewn assemblies where cams contact the mast panel. This construction degrades over time so that the mast pocket does not remain clean and efficient.

The Loft places our exclusive metallic cam interfaces at each cam. The result is no degrading of the cam contact point; Blade mast pockets remain sharp, clean and fast.



The Loft Cam. Two rollers mounted with stainless steel pins, a stainless screw with self-locking nut keeps our cam in column.

**RDM Masts. Performance- long term.**

Superior aerodynamically and in durability, rdm masts are fast and reliable.

A reduction in leading edge diameter passes more easily through the wind.

Ndm masts with their thin mast walls are susceptible to deformation under pressure from cams.

Deformation shifts masts out of column (round shape) resulting in mast breakage.

Rdms enjoy thicker mast wall thickness that can bear high pressures without mast deformation, resulting in rig reliability and longevity.

Reduced mast diameter cams enjoy a mechanical advantage regarding rotation. Rdm cams demonstrate complete, easy rotation compared to ndm cams/masts.



The Loft Blade 2009 6.2

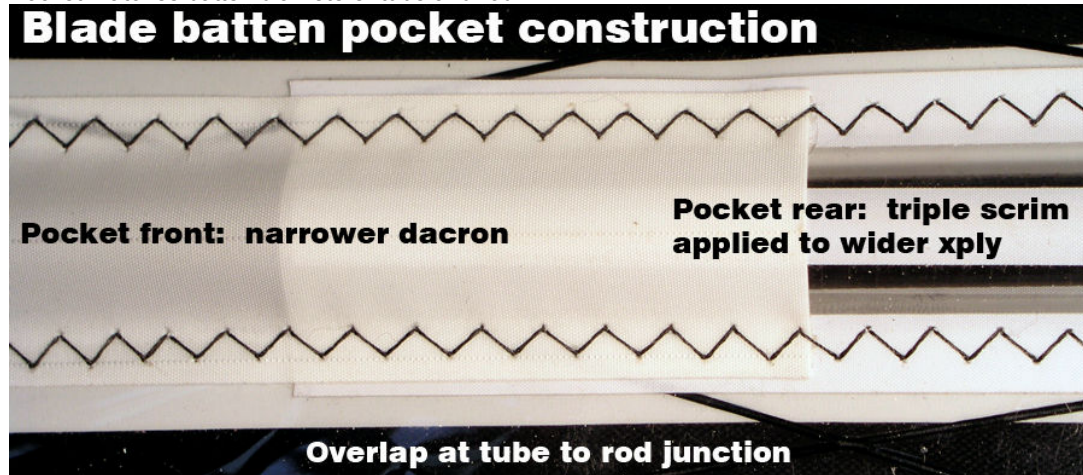
Ludo Jossin Valdevaqueros Tarifa August 08

Blade batten pocket construction. Centered.

The Blade batten pocket construction minimizes pocket asymmetry. Xply rear pockets match sail body stretch character, resulting in centered batten placement relative to sail body.

Durability is improved- overlap between the forward and rear pocket (at tube/rod junction).

Pocket matches batten diameters- tube and rod.



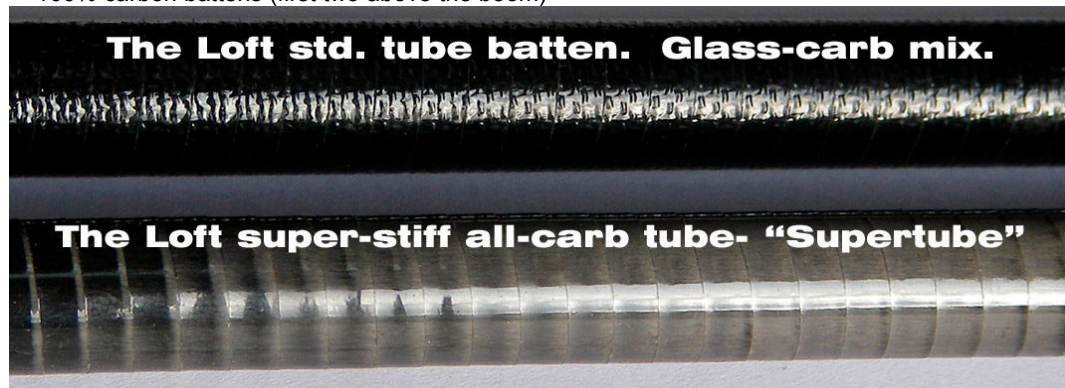
Blade 09 also includes:

- 78% xply construction

- 4 roller cams, each cam batten with fiberglass-wrapped tips

- 6 tubed battens sizes 5.1 to 6.2, 7 tube battens sizes 6.8 to 8.5, all sizes with two "Super tubes";

- 100% carbon battens (first two above the boom)



- Alternate side batten pocket application

- Molded thermo-foam mast/board pad

- Sensitip head batten system

- Soft molded pvc foot edge and molded protectors applied to the foot 2ply seam and on the batten pocket crossing the boom

- Mast pocket water release ports

- Molded thermo-foam mast/board pad with roll-up strap

- The Loft adjustable outhaul

Valerie Ghibaudo won the International Speed World Cup two years running and has dominated PWA events this year.

Michael Naumann won the German Speed Championship two years running.

Both compete with Blade quivers from The Loft.

Planchemag reported in their Blade tests (Blade 08 6.8):

"For those who are looking for something different, the Loft Blade has a light, maneuverable and soft feeling much better than any other sail, all this at the performance level of the best ones.

The most fun race sail on the market."

The Loft Blade 2009 colors:



The Loft Blade 2009 6.2

Monty Casa DePorro Tarifa August 08



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