you thought the rs:4 was fast... wait until you try the rs:5!!

RS:5 SPEEDSEEKER

RS:5 RACING

The new sail from the Neil Pryde Racing Program, the **RS5**, continues the intensive research and development started with the 2004 racing success, the RS4. The research and development for the **RS5** has focused on the rider and giving the rider more power and control over the performance of the sail. More control = more performance = faster speeds around the race course.

The RS4 completely dominated the 2004 PWA Racing rankings, with Antoine Albeau and Allison Shreeve claiming the overall titles in both the men's and women's categories respectively. In the final event of the 2004 Racing season, the PWA Almanarre, 8-out-of-the-top-10 riders were using the RS4. The RS4 was also ridden by the European FW Champion, Wojtek Brzozowski, and the South American FW Champion, Gonzalo Costa Hoevel.

You thought the RS4 was fast... wait until you try the RS5!

design objective:

To produce a rider focused no compromise racing sail. Once the rider has more control over the performance of the sail, this will produce even faster speeds and faster times around the race course.
A sail built for one purpose only, winning.

how was it done?

1. compact boom length:

Unique shaping of the clew gives the rider a shorter "working" boom length effectively reducing swing weight. A shorter boom improves the draft stability by limiting the movement in the clew of the sail, gives the rider greater control over the increased surface area in the bottom of the sail, and prevents the boom end from hitting the water when raked back.

2. rider focused surface area:

The Compact Boom Length outline has allowed us to remove surface area from the head of the sail and transfer it down towards the rider. This places a higher percentage of the sail's surface area in direct connection with the boom, therefore ensuring easy control and powerful acceleration when the sail is throttled.

3. integrated luff pocket window:

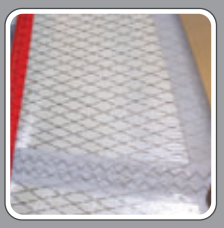
An integrated luff pocket window provides improved visibility through the lower section of the sail. Produced in spectra reinforced X-Ply for durability.

4. higher foot:

Allows more rake in the sail without hitting the foot of the sail in water. Allows the rider to glide through the lulls more effectively.

new material technologies:

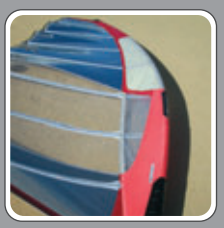
Taffeta reinforced Kevlar X-Ply for improved durability and luff pocket material integrity.



major performance enhancing technologies:

1. double surface leading edge with dynamic luff profile:

Variable sleeve width proportional to the depth of the sail profile for increased lift and reduced drag.



2. 3 piece batten construction -

For a lightweight and smoother definition of the sail profile.

3. multi component luff pocket construction

A Luffpocket construction technique used in cam sails that provides a low friction material in the cam area to facilitate camber rotation, and a stretch resistant lightweight material in the top to reduce swing weight and stabilize sail entry.

4. cam pressure adjustment system

An innovative system using molded spacers that allow sailors to perfectly adjust the pressure on the cambers to fit their individual needs. Because not every sailor is the same size or needs the same amount of cam pressure, and because sails are not rigid structures and stretch throughout their life, this system allows the sailor to always have the perfect mast/sail tuning.

5. flexhead configuration

A flexible head configuration with the use of a tube/rod component batten which allows the head of the sail to adjust dynamically to the wind by allowing twist along the horizontal and vertical axes. This dynamic twist helps to reduce drag in the head of the sail, therefore increasing top end speed and performance.

C1: Red/Silver

C2: Yellow/Silver

design and shaping features:

The **RS5** is divided into two different size ranges and styles depending on the intended use of the sail:

RS:5 SPEEDSEEKER

- 7 Battens / 4 Cambers
- Smaller high-wind sizes for Speed and Slalom Racing.
- Forward orientated shaping for control off the wind and in chop.
- More pronounced leech twist for high speed, rough water and control.

RS:5 RACING

- 8 Battens / 5 Cambers
- Larger light-wind sizes for Formula Windsurfing.
- Fine entry and tighter leech for extreme upwind angles.
- Two Carbon Battens for ultra stability.

Product		Code	Weight	Max. Luff	Max. Boom	Battens	Cam	Base	Recomended Mast
NP '05 RS5 Speedseeker	**5.0**	BNP5RS550	4.4	407	174	7	4	8	X9 400
NP '05 RS5 Speedseeker	**5.4**	BNP5RS554	4.6	423	179	7	4	24	X9 400
NP '05 RS5 Speedseeker	**5.8**	BNP5RS558	4.8	441	187	7	4	12	X9 430
NP '05 RS5 Speedseeker	**6.2**	BNP5RS562	4.9	445	192	7	4	26	X9 430
NP '05 RS5 Speedseeker	**6.7**	BNP5RS567	5.1	471	200	7	4	12	X9 460
NP '05 RS5 Speedseeker	**7.2**	BNP5RS572	5.3	485	207	7	4	26	X9 460
NP '05 RS5 Speedseeker	**7.8**	BNP5RS578	5.5	505	216	7	4	16	X9 490
NP '05 RS5 Speedseeker	**8.4**	BNP5RS584	5.8	521	223	7	4	32	X9 490
NP '05 RS5 Racing	**9.0**	BNP5RS590	6.2	527	246	8	5	38	X9 490
NP '05 RS5 Racing	**9.8**	BNP5RS598	6.6	551	256	8	5	22	X9 530
NP '05 RS5 Racing	**10.7**	BNP5RS517	6.9	573	270	8	5	44	X9 530
NP '05 RS5 Racing	**11.6**	BNP5RS516	7.3	596	282	8	5	16	X9 580
NP '05 RS5 Racing	**12.5**	BNP5RS512	7.6	611	292	8	5	32	X9 580