

SAIL - OPTIMAL BALANCE BETWEEN PERFORMANCE, PROFILE STABILITY AND DURABILITY

Features:

- Terrific low end performance from moderate luff curve and pronounced profile.
- Large wind range due to the dynamic compact clew allowing the profile behind the clew to twist off when wind pressure increases, thus controlling excessive power.
- Easy to handle with 2 cams and moderate width mast sleeve.
- Durable with strong cams, heavy-duty two piece tube/rod battens and reinforced critical areas.

SIZE	LUFF	BOOM	BASE	BATTENS	CAMS	IDEAL MAST	CODE
7.8	485cm	222cm	26cm	5	2	RS:One 460	BNPRSONE

With the Dynamic Compact Clew, where the clew is positioned forward from the trailing edge, the profile behind the clew is able to twist off when wind pressure increases. The sail automatically adjusts its shape and thus controls excessive power.



In addition, it also creates an 'S' profile on the batten, effectively pushing the deepest profile point forward, preventing it from moving back while overpowered, or enabling to hold pressure and keep the lower leech tight in light winds and while riding upwind.



BOARD - FAST, EASY AND DURABLE



Features:

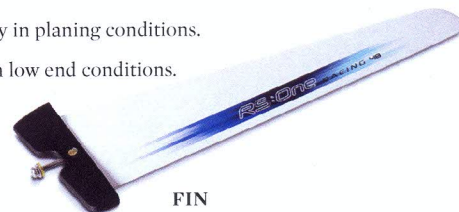
- Outstanding performances in sub-planing conditions with the 63 cm molded-wet lay up dagger-board and ideal volume.
- Rocket performances in planing conditions with 48 cm power box molded wet lay up fin.
- Direct and fast maneuvers from the parallel outline and gentle rails.
- Durable with AST board technology construction, Allgaier daggerbox and simple daggerbox lips.

TECH	VOLUME	LENGTH	WIDTH	WEIGHT(naked)	DAGGER	FIN	CODE
AST	209Liters	300cm	79.5cm	14kg	63cm	48cm	DNPRSONEB

Features:

- Slalom Racing fin evolution.
- Increased foil to generate power and stability in planing conditions.
- Oversized base for improved performance in low end conditions.
- 48 cm Power Box for easy handling

Product	Code
RS:One Fin Racing 48	DNPRSOF48



MAST - PROGRESSIVE PERFORMANCE FLEX FOR OPTIMUM DURABILITY

Features:

- The light weight of 2.0kg to maximize the low end performance and ease of turning.
- Progressive flex allows the sail to twist as dynamically and efficiently as possible.
- Moderate wall thickness for better handling.
- Filament Winding construction process to guarantee strong durability.

NEILPRYDE'S PROGRESSIVE FLEX

NeilPryde's "Progressive Flex" bend curve maximizes sail performance and twist in two ways:

1. It combines a stiffer bottom section with a lightweight and responsive top section. A stiffer bottom section is required for draft stability and power, while the lightweight and responsive top section provides release in the head of the sail for control.
2. The defined taper of the mast improves its responsiveness and dynamic performance. It does this by progressively flexing depending on the wind strength and the amount of load in the rig.

Simply speaking, as the wind strength increases, a sail will twist and the mast will bend from the top downwards. In light winds, only the top of the sail will twist so maximum power is available to the rider. In stronger winds, the sail twist will extend further down the leech to increase the level of control. The better a mast can progressively react to changes in the winds speed, the better a sail can react giving the rider maximum power, control stability and speed.



Mast	Length / cm	IMCS	Weight	Carbon Content	Code
RS:One 460	460	25	2.2	65%	RMRSONE

BOOM - THE ULTIMATE STIFF PERFORMANCE ORIENTED ALUMINIUM



Features:

- Pressure flow forged aluminum head with VT joint lateral locating button prevents side to side movement while allowing articulation and exceptional stiffness.
- Oversized mast cup in glass fiber reinforced injection moulding and monocoque aluminium tail extension for rigidity and strength.
- T6 series alloy arms with high level of heat treatment attained, creating stiffer and stronger arms.
- 30 mm Handgrip diameter for optimum comfort and performance.
- Harness line scale for easy harness lines adjustment.
- Outhaul kit set for instant outhaul trimming while sailing.

Boom / length	Adjust / cm	Arm diameter / mm	Adjustment	RDM	Code
RS:One 200-250	50	30	Twin pin lever	-	RBRSONE

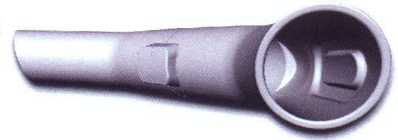
PRESSURE FLOW FORGING

'Pressure Flow Forging' is an innovative technology that allows for shaping of exceptionally stiff aluminum tubing.

The metal is allowed to 'flow' rather than stretch into shape. Fluid is injected at very high pressure into the aluminum tube that causes it to expand until it matches an external female mold. The process increases the density of the complex shapes that result in the strongest and most rigid aluminum booms on the market.

We also place the boom arms inside the head tube and this results in the outside diameter of the head being increased.

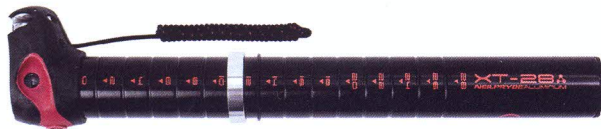
As a final production process, this already high tech piece is heat tempered to create highest stiffness and strength.



EXTENSION / BASE - ALUMINIUM FOR A HIGH LEVEL OF DURABILITY

Features:

- Enlarged XT finger print for easy release of buttons in cold water.
- High quality pre-stretched marlow rope.
- Stainless pulleys for less friction and greater durability.
- Rounded bottom edges provide protection to your feet.
- Push pin quick release system for more durability.



Product	Code
RS:One Extension	REX328

Product	Code
RS:One Base	RPBRSONE

