The Board

Outstanding performance in sub-planing conditions due to the ideal volume and molded 63cm wet lay up dagger-board.
Adjustable mastrack for optimized trimming in sub and planning conditions.

Direct and fast maneuvers due to the parallel outline and gentle rails.
Durable. With AST board technology construction. Allgaier daggerbox and simple daggerbox lips.

Board Specs

Tech	Volume	Length	Width	Weight	Dagger	Code
AST	209Liters	300cm	79.5cm	14kg	63cm	DNPRSONEB

The Fin

Oversized base for improved performance in low end conditions.

Power Box for easy handling
48cm foil to generate power and stability in planing conditions.

Fin Specs

Product	Code
RS:One Fin Racing 48	DNPRSOF48

Sail Specs

Size	Luff	Boom	Base	Battens	Cams	Ideal Mast	Code
7.8	485cm	222	26cm	5	2	460	BNPRSONE

The Mast

Filament Winding construction process to guarantee strong durability.
Moderate wall thickness for better handling.

The **light weight** of 2.2kg to maximize the low end performance and ease of turning.
Progressive flex allows the sail to twist as dynamically and efficiently as possible.

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 it's 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 Specs

Mast	Length / CM	Imcs	Weight	Carbon content
RS:One 460	460	25	2.2KG	65%

The Boom

Oversized mast cup in glass fiber reinforced injection moulding and monocoque aluminium tail extension for rigidity and strength.
Harness line scale for easy harness lines adjustment.

Pressure flow forged aluminum head with VT joint lateral locating button prevents side to side movement while allowing articulation and exceptional stiffness.
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.
Outhaul kit set for instant outhaul trimming while sailing.

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.

Boom Specs

Boom	Length	Adjust / Cm	ArmDiameter / MM	Adjustment
RS:One	200-250	50	30	Twin pin lever

Base & Extension