



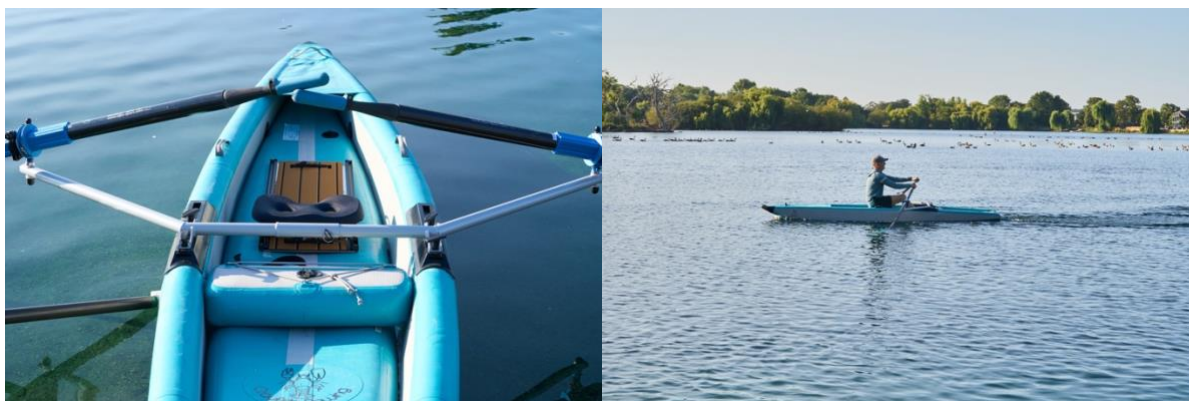
CRAYFISH ROWING

Inflatable Sculling Fleet – Development Update

Autumn 2026



Welcome to our latest development update! We are thrilled to share exciting milestones in the evolution of our innovative inflatable sculling boat lineup. Over the past six months, rigorous water-based testing, structural refinements, and athlete feedback have driven rapid progress across our three flagship models: the 1S (Single Scull), 1SX (Heavyweight Single), and 2S (Double Scull).



1S - SINGLE SCULL **PRODUCTION READY**

The 1S represents our entry point of portable sculling. An ultra-lightweight, compact and responsive single scull that packs into a backpack. Designed predominantly for recreational rowers, the 1S delivers near-composite performance with maximum convenience.

Recent Breakthroughs:

- Modified saxboard heights and rigger placement to ensure the best ergonomic set-up;
- Updated two-part quick-release rigger design for improved stiffness;
- Extended splash deck to create more onboard storage;
- Hydrodynamic Bow Profile: Redesigned bow shape reduces wave drag.



1SX – SINGLE SCULL PRODUCTION READY

Designed for rowers >80kg or lighter rowers wanting to use their boat in rougher conditions, the 1SX shares the key benefits of the 1S including stability and rugged durability. The PVC drop stitch hull is reinforced in key areas and caters to touring rowers and adventure enthusiasts.

Key Development Updates:

- Rapid prototyping of this new design with extensive water testing;
- Reprofiled rocker to enhance hull performance with improved run and reduced wake.



2S - DOUBLE SCULL PROTOTYPE DEVELOPMENT

This brand new, innovative tandem design brings two-person sculling to the portable market. Balancing longitudinal stiffness in an inflatable hull of this length was our biggest engineering challenge and our initial design has exceeded expectations.

We are now working to refine the design ready to bring it to market as soon as practicable.

Highlights & Innovations:

- Shared components. Using common components across the range allows us to control costs and maximise the availability of replacement parts.
- Configuration options. Using design innovation, we are aiming to incorporate the flexibility to use the 2S in multiple configurations including 2x (two scullers), 1x (single sculler) and 1+ (single sculler with forward facing passenger). The aim is to make this boat a multi-purpose platform to suit different uses with easy conversion between options.
- Impressive Portability: Packs down into a single rolling transit bag weighing under 28kg total.

FLEET COMPARISON SUMMARY

Specification/Feature	1S (Single Scull)	1SX (Explorer Single)	2S (Double Scull)
Target Crew Weight	<80kg	<95kg	<170kg (combined)
Target Use	Leisure rowing on inland or sheltered coastal waters.	Leisure rowing and touring in mixed conditions.	Leisure rowing on inland or sheltered coastal waters.
Length / Beam	390cm / 70cm	425cm / 70cm	550cm / 70cm
Hull weight	18kg	19kg	25kg
Rigger	Standard: Two-part tubular aluminium tubular Upgrade: One-piece aero aluminium rigger		
Estimated Availability	Q4 2026	Q1 2027	Q2 2027

What's Next?

Demos

As you can see from the photos above, we have a growing fleet of demo boats. These are available for you to come and experience the rigidity and performance of our inflatable hulls first hand at our base in Oxfordshire. If you are interested, just get in touch and we'll do our best to arrange a session to suit your availability.

More new designs

While we continue to push the development of the 1S, 1SX and 2S towards full production, we have several other designs in early development. These include:

- A **two-seat coaching launch** based around an efficient catamaran hull design with enhanced usability and safety features.
- A **single seat coaching launch** designed to provide an affordable entry point for clubs unable to justify the investment in conventional rigid hulled launches. This design should also provide a portable platform for use at training camps or locations with limited access.
- A full sized **coastal single scull** aimed at addressing the increasing popularity in open water coastal rowing as it joins the Olympic schedule in 2028. Aimed at providing an entry point to this aspect of the sport of rowing or as a training platform to reduce damage to expensive racing boats.

Crayfish Rowing Ltd. • Just add water
For pre-orders, demo inquiries, and technical feedback: info@crayfishrowing.com
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