



manta⁵

Hydrofoiler SL3



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MANTA5.COM

GONE ARE CYCLE LANES, THE
NAVIGATION OF TRAFFIC AND TRAILS.



GONE ARE THE WAKES, EMISSIONS AND NOISE
OF COMBUSTION ENGINE WATERCRAFTS.



HOWEVER YOU RIDE, FOR LEISURE OR HEALTH,
THERE'S A SURREAL WORLD OUT THERE
WAITING TO BE EXPLORED.



INTRODUCING THE

Hydrofoiler SL3

THE GAME CHANGING SECOND GENERATION HYDROFOILER HAS SURPASSED MANTA5'S GOAL OF REPLICATING THE CYCLING EXPERIENCE ON WATER.

ELEVATED BY WATER, THE NEW SL3 EMERGES AS ONE OF THE MOST SURREAL CYCLING EXPERIENCES AVAILABLE TODAY.



What's new in the SL3

The 'easiest foiling product on the market today'

The SL3 introduces new patent pending easy launch technology that take new riders from novice to confident in minutes, not hours.

Introducing the throttle & ride controller

Use the throttle to launch, rest, and coast along the water's surface. Pedalling is now optional.

Packed full of leading-edge safety features

New propeller guard, dual layer IPX67 battery housings, and tilt sensors that cut motor power as soon as the bike falls. SL3 riders can have full confidence when pushing the bike to its limits.

Longest ride duration of any e-foiling product (Up to 4.5 hrs) on the market

1000Wh and 600Wh Hydropack batteries are introduced. Combined with a purpose built reduction gearbox for added motor efficiency, and a step-up gearbox for manual drive efficiency.

Hire market durability

New hardwearing monocoque chassis, a new robust drivetrain and fully sealed gearboxes are designed with commercial hire operators in mind.

Environmentally responsible

No emissions, no wake and a quiet ride. End of battery life recycling option introduced.

Handles chop and swell

Rolling swell, breaking waves and choppy conditions. The SL3 'slices' through tougher conditions than SUPs, kayaks, and most personal watercraft.

Improved swell riding capability

Adding to the throttle and additional motor power all SL3's come standard with free spinning propellers. A thrilling experience for advanced riders.

Fun fitness on the water

Introduction of 3 low additional electric assistance levels for more control of your workout.



Hydrofoiler *SL3* model variants

Chart new ride experiences along ocean coastlines, train along waterways, or cruise together lakeside with friends and family. If you can ride a bike and swim, you can ride a Hydrofoiler.

Hydrofoiler SL3

Entry level - all riders

Combines the lightweight battery and the FC2 foil.

Lightweight and easy to mount.



Contains

- Orca White Chassis
- Lightweight Hydropack 600 battery
- 'Learner' Fixed Chord 2.0 (FC2) Rear Foil

Hydrofoiler SL3+

Mid-range - bestseller

Combines the long range battery and the FC2 foil.

Ideal for commercial operators and long range riding



Contains

- Orca White Chassis
- Long range Hydropack 1000 battery
- 'Learner' Fixed Chord 2.0 (FC2) Rear Foil

Hydrofoiler SL3 Pro

Top of the line

Long range battery and both the FC2 and HE2 carbon foil. The carbon HE2 foil offers better handling, higher top end speed and weight reduction.



Contains

- SL3 Pro Sharkskin Chassis
- Hydropack 1000 battery
- 'Pro' High Efficiency 2.0 (HE2) Rear Foil
- 'Learner' Fixed Chord 2.0 (FC2) Rear Foil

Can I ride?

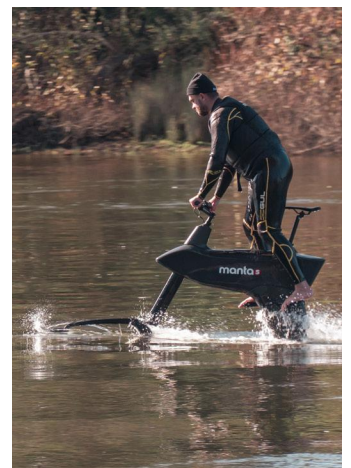
The SL3 is the easiest foiling product on the market. Additional points of contact between the bike and rider, combined with a large stable rear foil provides maximum stability while foiling.

One Hydrofoiler fits a family of different sized riders and physical abilities.

How you ride is up to you.



Suitable for 100kg (220 pounds) and under



If you can ride a bike and swim, you can ride a Hydrofoiler.

SL3 technical features

Please note, variability in the manufacturing process and suppliers may result in small specs changes.



Ride Duration

Maximum ride times are achieved by using minimal electric assistance. Indicative maximum ride times can vary by rider weight, conditions and ability.



Speed

Speeds vary based on ride conditions, rider weight & ability

Coming soon: Speed foil & propeller targeting significant increase to top end speed

Top-end speed: 20 kph | 12 mph

Cruising speed: 11 kph | 7 mph

Minimum speed: 6 kph | 4 mph

Battery charge time

Hydropack 1000 Battery: 5 hours

Hydropack 600 Battery: 3 hours

Coming soon: Fast charger

Parts weight

Chassis: 10.1 kg | 22 lbs

Drive Train: 13.9 kg | 30 lbs

FC2 Rear foil: 5.8 kg | 12.5 lbs

HE2 Carbon rear foil: 2.9 | 6 lbs

Hydropack 1000 Battery: 8.6 kg | 19 lbs

Hydropack 600 Battery: 7.1 kg | 15.5 lbs

Tiller and front foil: 1.9 kg | 4 lbs

Added modularity to the SL3 has reduced the overall carry weight with the heaviest module being 13.9kg (30pounds)

Assembled Dimensions

1.4m high x 2m wide x 2.2m long
(4.5 ft high, 6.5 ft wide, 7.2 ft long)

Handles chop and swell

Rolling swell, breaking waves and chopping conditions. The SL3 'slices' through tougher conditions than conventional SUPs, kayaks and most personal watercraft.

Simplified repair & maintenance

Hose wash down after salt water riding. No high wear drive components like on most bicycles.

Access to replace modules requires less tools.

Further modularity built in to sub-assemblies for affordable repair and minimal waste – when a fault occurs the replacement is of the affected module, not the whole assembly.

Hire market durability

New hardwearing monocoque chassis, a new robust drivetrain and fully sealed gearboxes are designed with commercial hire operators in mind.

BEST OF THE BEST

Designed in New Zealand

Manta5's product development team are headquartered in New Zealand. A country known for its leading marine industry, boat builders and hydrofoil specialists.

Backed by



NEW ZEALAND
TRADE & ENTERPRISE
Te Taurapa Tūhono



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SALES ENQUIRIES



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