

FLOWSURF™



A RIVER WAVE SURF EXPERIENCE
POWERED BY FLOWRIDER

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GO DEEPER WITH FLOWRIDER®



FlowRider® created the stationary wave system industry in the 1990s. With over 30 years of expertise and over 250 waves around the world, we are a trusted name in this industry for a reason—we are constantly innovating the space and exceeding the standards for quality and service.

As a group of surfing fanatics, we have always strived to bring a surf-like experience, the ability to ride a wave, anywhere in the world. With the FlowRider, a thin sheet of water spreading over an inclined surface, we created the sport of flowboarding. But we hadn't achieved a surf experience with a surfboard—until now.

INTRODUCING FLOWSURF.

Four years in the making, FlowSurf is our very first deep flow stationary wave machine, or in layman's terms, a man-made river wave! Guests use a real surfboard to carve over a deep flow of never-ending water.



A LAID-BACK SURF EXPERIENCE

Made by surfers, for anyone, we will always be honest about what FlowSurf is and what it isn't.

WHAT FLOWSURF IS

FlowSurf is exciting, fun, and accessible to all skill levels. It removes the most difficult parts of real surfing for an incredibly cool surf experience with a drastically easier learning curve. Guests enter the wave from the side on a surfboard, and they get to take their time as they carve the wave. So why is it not real surfing?

- No paddling required—the wave is easily accessible
- No need to pop-up—you enter the wave standing
- No need to learn wave selection—the perfect wave is already there
- No end to the fun—the wave is a continuous flow

All guests need to do is hop on their surfboard and experience the ride of a lifetime.

WHAT FLOWSURF ISN'T

FlowSurf is not real surfing—and that's okay! Real surfing is paddling through incoming surf, getting yourself into position and onto the wave, popping up, riding the wave until it ends, and doing it all over again. It is rewarding, but it has a steep learning curve and is extremely difficult to learn. The road from getting in the water to standing on a wave is a long one! This is not the FlowSurf experience.



THE RIDE EXPERIENCE

FlowSurf is for everyone! Our wave offers accommodations for riders of all levels to help them practice balance and learn to carve without the fear of falling.

When learning to surf in the ocean, newbies are lucky if they stand up after hours of practice. On this wave, guests can go from beginners to almost-shredders in a matter of hours. And seasoned surfers will certainly appreciate riding the longest wave of their lives!

BEGINNERS

FlowSurf is outfitted with a large bar to accommodate beginners as they get the feel of standing on the wave. The bar helps riders learn balance and gain confidence. Balance is important for FlowSurf, so the bar can remain as a safety net even as intermediate guests learn to maneuver.

ADVANCED

No bar needed? No problem. Advanced riders and seasoned surfers can hop in and put their carving skills to the test. They're sure to love the experience of shredding on a never-ending wave. The only problem will be getting them off the wave! We recommend a ride-time limit for busy days with lots of advanced riders.



THE INSATIABLE DEMAND FOR THE SURF LIFESTYLE

SURFING IS ONE OF THE FASTEST GROWING SPORTS IN THE WORLD

Every year, thousands of people grab a surfboard for the first time and become hooked. In fact, it's one of the fastest growing sports in the world. Growing at 12% yearly, global surfing markets are projected to be worth \$3.1B by 2026.

Why is that? Because surfing is undeniably fun and cool! There's nothing quite like it, and for even the most laid-back personalities, it tends to become an obsession. Take it from us – here at FlowRider, we try to plan our days around getting a good surf session in!

FLOWSURF IS A SAFE, RELAXED PLACE TO LEARN TO SURF

The growth of surfing brings unique problems. If you're lucky enough to live on the coast, surf spots are more crowded than ever, and great surfers tend to be territorial over the best surf spots. And if you don't live near the coast, you're lucky to surf even once or twice a year.

That's why there's such a huge market for surf venues. For beginners, FlowSurf is a safe and

relaxed place to learn, without the need to battle tough conditions or aggressive experts. For better surfers, FlowSurf is a place to ride a perfect endless wave and work on their carving skills without the stress of people dropping in. And for everyone, FlowSurf offers the ability to access the incredible surf lifestyle, regardless of where you live!



AMP UP YOUR VENUE'S REVENUE

Any venue can see the massive benefits of bringing a cool surf lifestyle to your venue! Revenue comes from a variety of avenues:

TICKET SALES

The most obvious revenue stream for FlowSurf is ride ticket sales. This alone is a huge revenue generator, but it's certainly not the only way to see ROI from FlowSurf.

FOOD & BEVERAGE

Nothing makes people hungrier than a session on FlowSurf, so we highly recommend placing food and beverage around it. Not only is FlowSurf fun to ride, but it's extremely fun to watch! The entertainment factor draws guests into your venue even if they're not ready to try the wave themselves, so capitalizing off the entertainment draw with F&B is a great idea!

RETAIL

FlowSurf serves as an anchor attraction for venues, around which restaurant and shops can be placed. The surf lifestyle has a strong retail presence associated with it, and many

venues will create their own shops or rent out retail space to major surf brands.

PROGRAMMING

Aside from ticket sales, programming the wave for max revenue is essential. Outside of ticket sales, lessons, camps, and private rentals are all great options to maximize revenue, especially outside of peak hours.

EVENTS

There's no party like a FlowSurf party! With the built-in entertainment of FlowSurf, events are part of the fun, and a great way to amp up the revenue with venue rentals or increase F&B sales.

And Many More! – The only limit to the revenue streams is your imagination



INSPIRED BY NATURE

THE PERFECT RIVER WAVE

We get our inspiration from what we think is the most impeccable river wave out there: the Waimea River Wave.

Waimea Bay is in Oahu, Hawaii, where the surf is always pumping somewhere on the island. But locals still create the Waimea River Wave when the water in the Waimea River is high enough for one simple reason: surfing a river

wave is a fun, unique experience, even when ocean waves are right there!

Of the dozens of surfable river waves in the world, we used the Waimea River Wave as our inspiration because of the silky-smooth water. It has the smoothest water of any river wave we have seen, and we have achieved the same effect with FlowSurf.

THE SMOOTHING TECHNOLOGY OF MANGROVE TREES

Our engineers tested and studied methods for getting the smoothest water possible. Our secret? Mangrove trees

In nature, sending turbulent water through mangrove trees removes the energy from the water and makes it smooth. We studied these mangrove trees, and by emulating these as well as through efficiencies in tank design,

we're extremely proud of the result.

We have perfected the smooth, deep water riding surface. Carving over our silky-smooth flow of water, your surfboard will feel like a sharp knife slicing through soft butter.

TECHNOLOGICAL ADVANTAGES

LOWER POWER CONSUMPTION FOR COST-EFFICIENCY

- This wave is more cost-efficient for a venue to run over time compared to similar deep flow systems because it uses less power.
- Power is often the biggest cost for venues with stationary waves, so saving here is not only great for the environment, but it can also save your venue thousands in the long run!

ADJUSTABLE WAVE HEIGHTS FOR DEMOGRAPHIC APPEAL

- The wave can be adjusted from 1-4 feet with just the click of a button! This allows your wave to cater to beginners, experts, and anyone in between.
- We do this using variable speed pumps, not with a mechanical flap, so maintenance is even easier as less equipment is involved compared to similar deep flow systems.

POWERFUL FLOW FOR EASY WIPEOUTS

- Guests wipe out into a cushion of water, and our powerful flow washes them up onto the grate quickly.
- The powerful flow ensures that guests don't get caught in the wave after wipeouts, so the ride operates smoothly for maximum throughput!

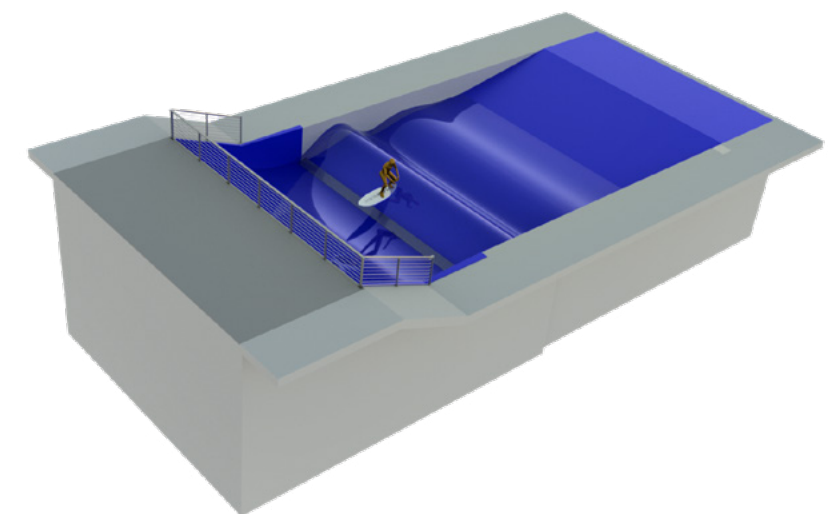
SMOOTH WATER FOR INCREDIBLE RIDE EXPERIENCE

- Riders carve over a smooth, glassy wave.
- This means turbulent water won't make their ride bumpy or cause unnecessary wipeouts, making the perfect learning environment for beginners and an extremely rippable wave for experts!



TECH FEATURES

FOOTPRINT	TANK VOLUME
223 m ² (2,392 ft ²)	813,863 L (215,000 Gal)
WEIGHT	POWER REQUIREMENTS
841,414 kg (1,855,000 lbs)	460v 3 phase (Rated Power 345 kW)





The FlowRider team who brought you FlowSurf

TRUSTED QUALITY AND SERVICE

While we love all our FlowRider waves, FlowSurf is a product we're incredibly excited about because it's so different from the rest of our product line. The surface and the board you use to ride it are new territory for us.

But ultimately, FlowSurf is a stationary wave, and as the leading name in stationary waves, we stand by our quality and service. We live by our service playbook, so with many of our team members having over 10 years in this industry and installers strategically located around the globe, we are always readily available to answer any questions or make a trip to your venue.

You may think we're famous for our waves, but we're really famous for our top-notch quality and service. Give us a call to find out why FlowRider is the most chosen stationary surf machine in the world.

FLOWRIDER®

FlowSurf is brought to you by FlowRider,
the industry leader in stationary wave machines.

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and manufacturer in the aquatic attractions industry.

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