ATLANTIS

WATERPARKS

PRODUCT CATALOGUE

Surf Pool Systems

Single · Double · Triple · Typhoon
Tsunami Wave

SINCE 1996 · ISTANBUL



ATLANTIS SURF

The Thrill of the Ocean, Anywhere You Build It

Surf pools are one of the fastest-growing attractions in the leisure industry, from water parks and resorts to surf clubs, wave houses, shopping malls and outdoor entertainment venues.

Riding a continuous sheet of water delivers a unique, adrenaline-filled experience that keeps guests coming back. It is physical, social and endlessly watchable, which turns every surf pool into a natural crowd magnet for the venue around it.

Atlantis designs, manufactures and installs complete surf pool systems in-house, powered by our own specially manufactured pumps.

5
SURF MODELS

960
RIDES / HOUR MAX.

14–16
WEEKS PRODUCTION



FOR EVERY RIDER

Designed for All Ages and Skill Levels

Atlantis surf pool design makes sure every model suits everyone. With Basic and Pro riding modes, first-timers can stand up within minutes, while experienced riders push their limits with bodyboard and flowboard tricks.

Surf pools have become a favourite of event and marketing teams too. World-renowned brands such as Red Bull, Coca-Cola and Quiksilver have used surf pools in their campaigns and festivals, and the attraction fits seamlessly into shows, competitions and private events.



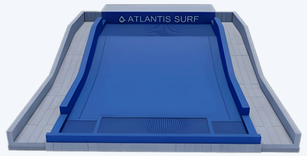




THE RANGE

Five Ways to Bring the Wave

From a compact single-lane simulator to a full inland surf lagoon, every model can be adapted to the site, the audience and the business plan.



01

Single Surf Pool

Compact one-rider model for limited spaces, hotels and surf cafés.

RIDERS	1
SIZE	8.6 × 15.5 m
AUDIENCE	Teen +



02

Double Surf Pool

Two riders side by side for synchronised surfing and higher throughput.

RIDERS	2
SIZE	10.8 × 15.5 m
AUDIENCE	Teen +



03

Triple Surf Pool

The big one for big parties: three riders surfing at the same time.

RIDERS	3
SIZE	13.0 × 15.5 m
AUDIENCE	Teen +



04

Typhoon Surf Pool

180° curved wall-to-wall ride surface with industry-leading capacity.

RIDERS	up to 7
FOOTPRINT	655 m²
AUDIENCE	Teen +



05

Tsunami Wave

Artificial surf wave lagoon with rolling sets for every skill level.

RIDERS	25 +
WAVES	0.6–2.1 m
AUDIENCE	All ages

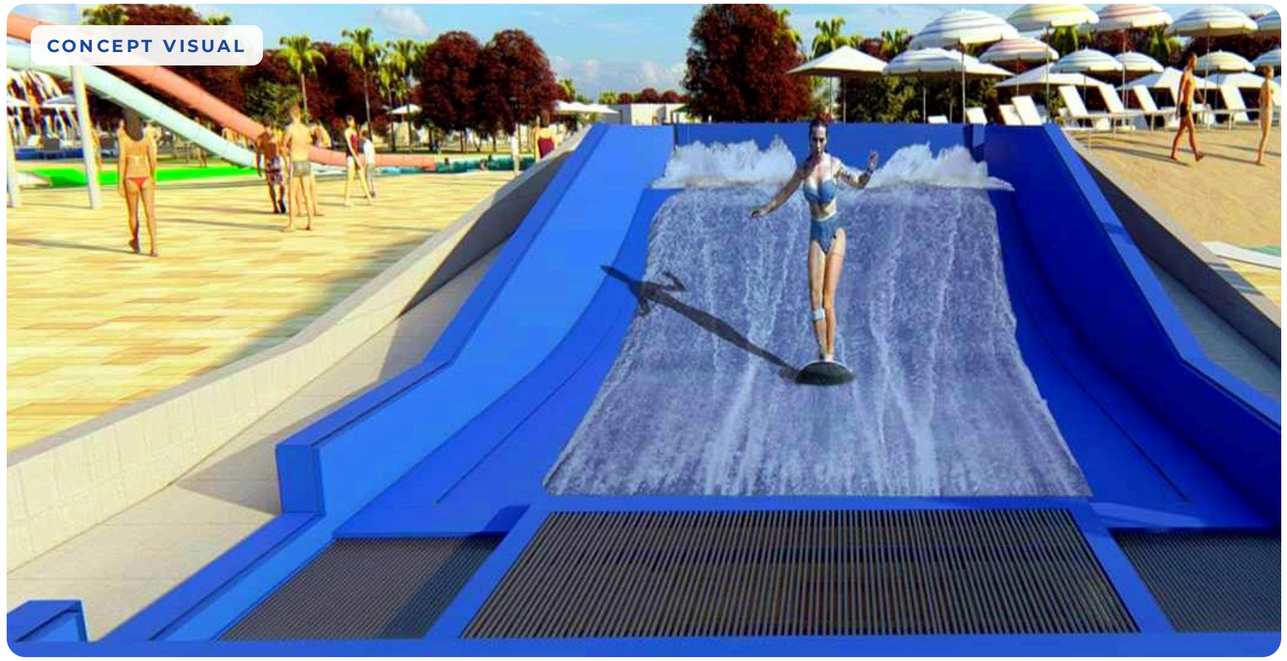
MODEL 01

Single Surf Pool

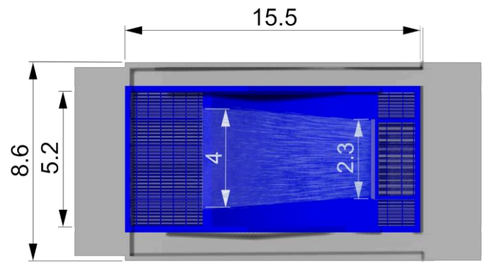
With the Single model, guests enjoy the full surf experience in a limited space. One rider at a time surfs comfortably on a 2.3 to 4.0 m wide wave.

Its compact footprint makes it the ideal choice for hotels, surf cafés, shopping malls and family entertainment centres.

RIDERS **1**	WAVE WIDTH **230–400** cm
SIZE **8.6 × 15.5** m	POWER **75** kW
CAPACITY **120–240** rides/h	WATER VOLUME **115** m³



DIMENSIONS (M)



3D VIEW



MODEL 02

Double Surf Pool

The Double model lets two riders enjoy synchronised surfing together, doubling throughput without doubling the footprint.

With a 4.65 to 6.20 m wide riding surface, it is the most popular choice for water parks and resorts worldwide.

RIDERS
2

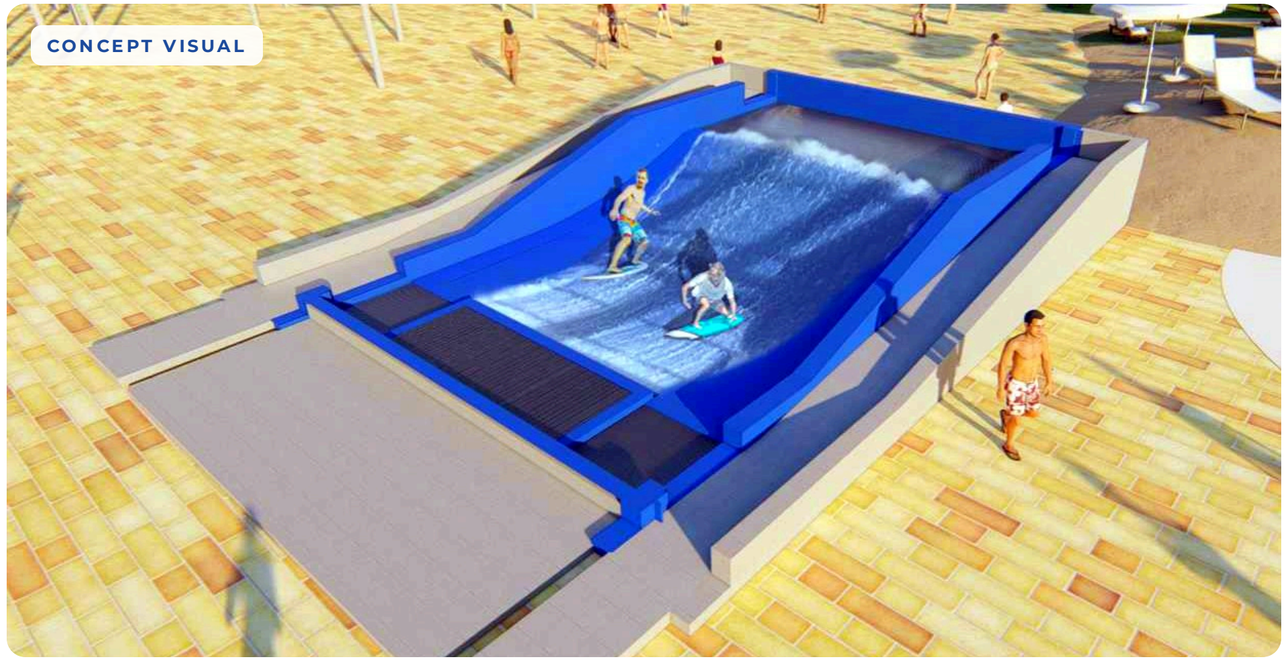
WAVE WIDTH
460–620 cm

SIZE
10.8 × 15.5 m

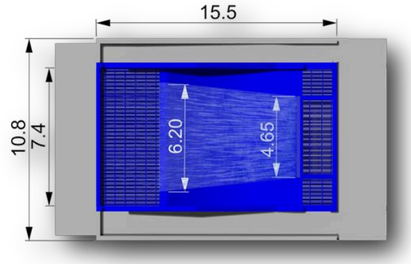
POWER
150 kW

CAPACITY
240–480 rides/h

WATER VOLUME
180 m³



DIMENSIONS (M)



3D VIEW



MODEL 03

Triple Surf Pool

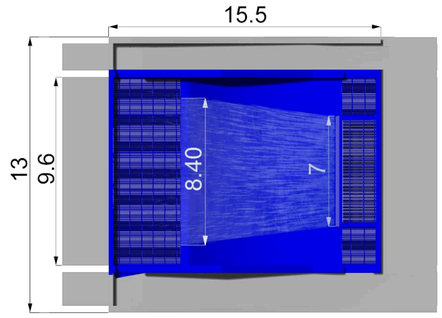
The big one for big parties. The Triple model allows three riders to surf at the same time on a 7.0 to 8.4 m wide wave.

Built for high-traffic water parks and surf centres that want maximum capacity, spectacle and competition-ready performance.

RIDERS 3	**WAVE WIDTH** 700–840 cm
SIZE 13.0 × 15.5 m	**POWER** 225 kW
CAPACITY 360–720 rides/h	**WATER VOLUME** 250 m³

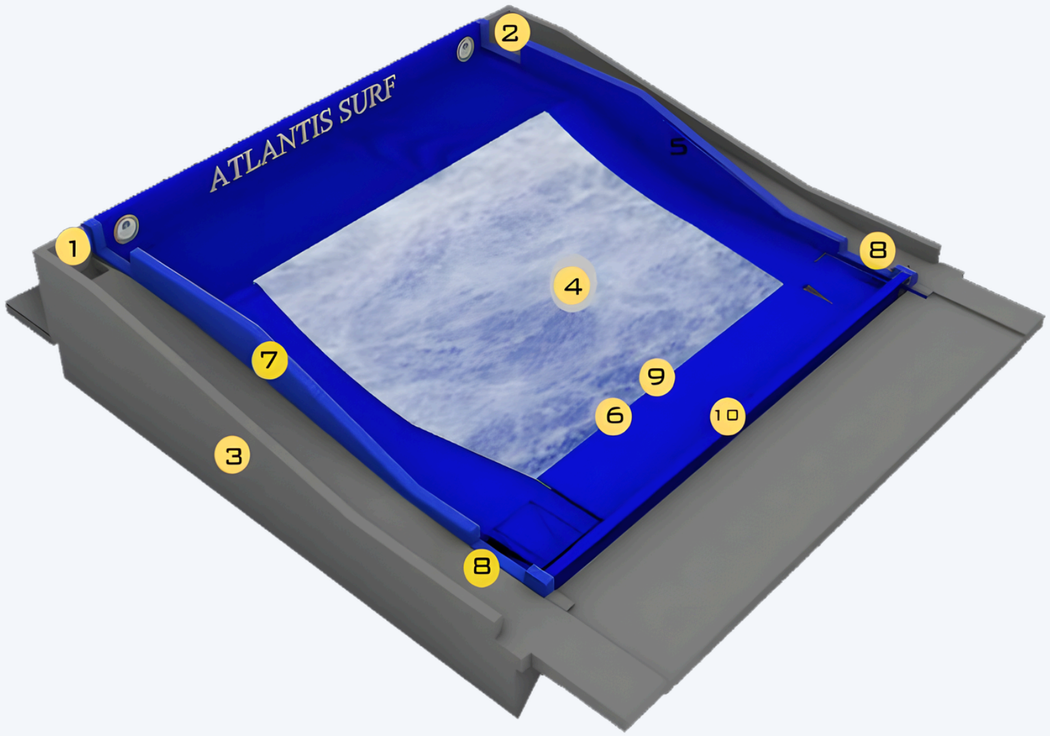


DIMENSIONS (M)



3D VIEW





ENGINEERING

Anatomy of an Atlantis Surf Pool

Single, Double and Triple models share the same proven construction. Each component is manufactured in our own facility and engineered for safety, durability and easy maintenance.

1	Rear Wall	2	Rear Run-out
3	Side Wall	4	Ride Surface
5	Side Closure	6	Nozzle Flaps
7	Removable Side Panels	8	Front Run-out
9	Nozzle Deck	10	Front Wall

MODEL 04 · FLAGSHIP

Typhoon Surf Pool

The Typhoon features an expansive, innovative ride surface designed for maximum thrills and performance. One of the largest products in its category, it gives riders 57 metres of space and a 180° curved wall-to-wall design to showcase their bodyboarding and flowboarding skills.

The immense ride surface allows higher speeds and seamless back-to-back tricks. It can also be divided into multiple sections, delivering up to 960 rides per hour for high-traffic water parks and entertainment venues.

RIDE SURFACE
57 m · 180°

RIDERS
up to 7

CAPACITY
720–960 rides/h

FOOTPRINT
655 + 15 m²





TECHNICAL DATA

Specifications at a Glance

MODEL	RIDERS*	WAVE WIDTH	SIZE**	FOOTPRINT POOL + MECH. ROOM	CAPACITY RIDES / HOUR	WEIGHT (EXCL. CONCRETE)	FLOOR LOADING	TANK VOLUME	TANK DEPTH	POWER SURF + FILTRATION
Single Surf Pool	1	230–400 cm	8.60 × 15.50 m	130 + 15 m² 1,400 + 162 ft²	120–240	125,000 kg 275,000 lbs	980 kg/m² 200 lbs/ft²	115,000 L 30,400 gal	1.5 m 4.9 ft	75 + 3 kW
Double Surf Pool	2	460–620 cm	10.80 × 15.50 m	175 + 20 m² 1,884 + 215 ft²	240–480	191,000 kg 420,000 lbs	1,100 kg/m² 225 lbs/ft²	180,000 L 47,550 gal	1.5 m 4.9 ft	150 + 5 kW
Triple Surf Pool	3	700–840 cm	13.00 × 15.50 m	222 + 27 m² 2,390 + 290 ft²	360–720	262,000 kg 578,000 lbs	1,230 kg/m² 250 lbs/ft²	250,000 L 66,000 gal	1.5 m 4.9 ft	225 + 6 kW
Typhoon Surf Pool	7	180° curved	57 m ride span	655 + 15 m² 7,068 + 162 ft²	720	800,000 kg 1,760,000 lbs	1,121 kg/m² 249 lbs/ft²	687,000 L 182,000 gal	1.7 m 5.6 ft	630 + 9 kW

*** RIDERS**

Possible number of riders on the surf pool at the same time.

**** SIZE**

Total attraction dimensions incl. technical areas such as exit ways and balance tanks. Machine room excluded.

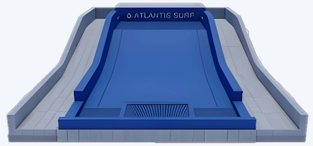
PRODUCTION

Powered by Atlantis specially manufactured pumps. Manufacturing time is 14–16 weeks.

WARRANTY

24 months after testing and commissioning against manufacturing and installation errors.











MODEL 05 · ARTIFICIAL SURF WAVE

Atlantis Tsunami Wave

If you could reinvent surfing, it would look like this. Powerful, customisable and designed for riders of all skill levels, Tsunami Wave brings the thrill of the ocean anywhere in the world with continuous rolling sets that are safe, efficient and flexible for operators.

More than a ride, it is an iconic inland surf destination that attracts guests of all ages and creates a strong return on investment.

3

Dedicated surf zones

Separate areas for beginners, intermediates and pros.

80

Surfers per session

High throughput keeps the action flowing and maximises revenue.

2–7 ft

Dynamic wave power

Consistent waves with thrilling rides of up to 30 seconds.

Live

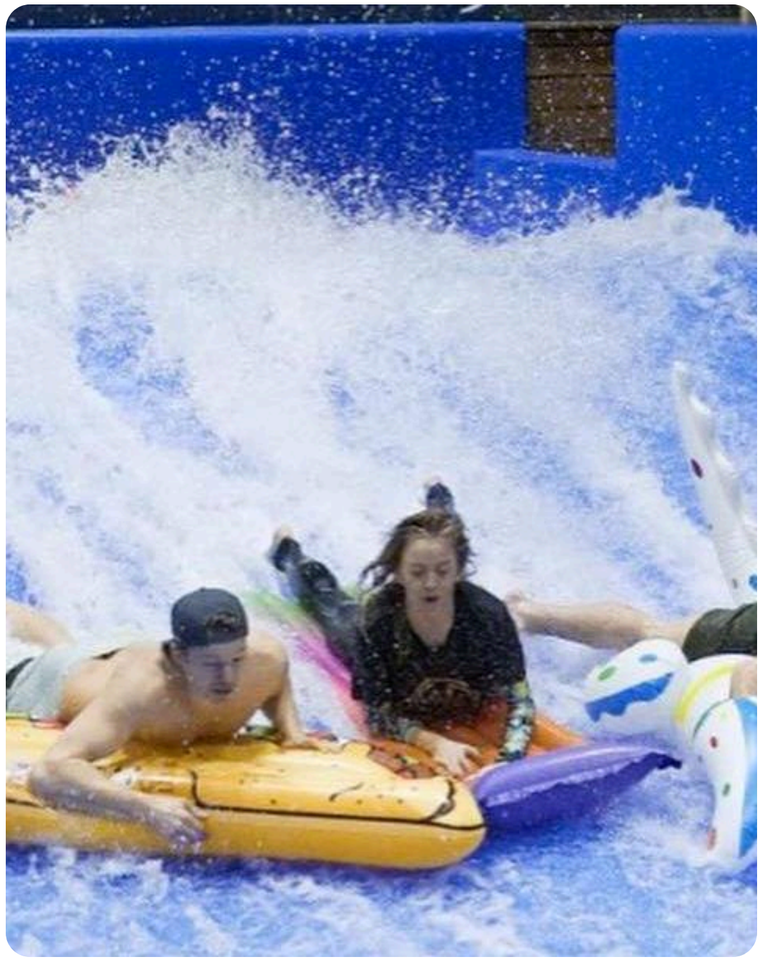
On-demand control

Wave size, frequency and style set by the operator at any time.

WHY A SURF POOL

What an Atlantis Surf Pool Delivers

A surf pool is more than a ride. It is a stage that brings people together, keeps them on site longer and opens new revenue streams.



01

Food & beverage sales

Surf pools work as anchor attractions around which shops, restaurants and bars can be placed, as people hang out and watch riders for hours.

02

The teen demographic

Teens are hard to attract and retain. Win the teens and you capture the entire family.

03

Market differentiation

Stand out from competitors with a cool surf machine and give guests an extra reason to visit.

04

Guest loyalty

Flowboarding takes practice to master, creating a natural cycle of repeat visits and memberships.

05

Revenue generation

Besides F&B, retail and events, the surf pool itself earns through ride tickets and private hire.

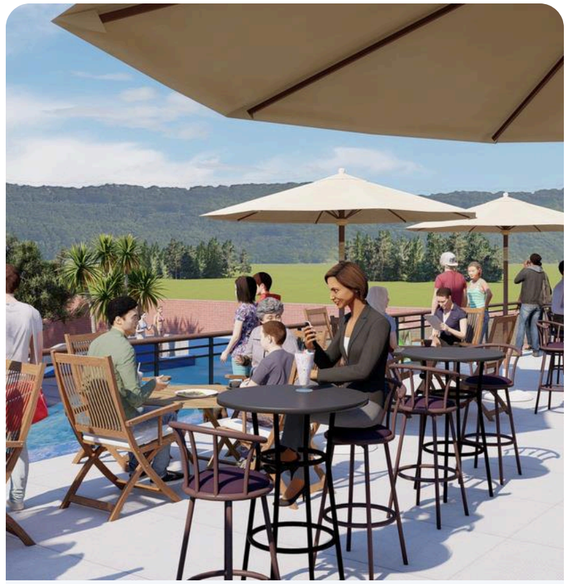
06

Sports & lifestyle

Like skateboarding and snowboarding, flowboarding has a passionate community that lives for the thrill.

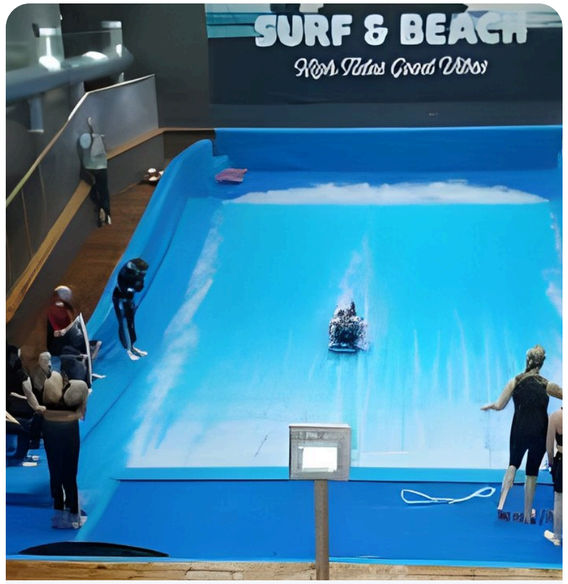
WHERE IT WORKS

Built for Every Kind of Venue



Hotels & Resorts

Guests are more inclined to book with you and stay on property. Even inland hotels can offer a beach-style experience with cabanas and concessions around the surf pool.



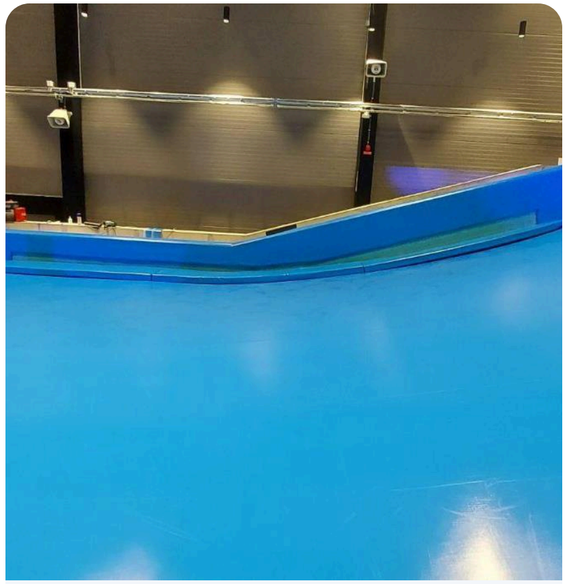
Retail & Hospitality

Malls, restaurants and beach bars gain longer stays, higher foot traffic and more F&B spending, along with a cool, healthy lifestyle image.



Water Parks

Placed in a high foot-traffic area next to bars, shops and restaurants, it drives spend and keeps spectators on site. Events and competitions add extra income.



Municipal & Aquatic Centres

Turn a community pool into a trendy gathering place. Surf sessions generate revenue that helps offset the cost of running the facility.

CONCEPT PROJECT

Surf Café

A complete leisure destination on 1,500 m², designed around a double surf pool placed at the heart of the site. Visitors are guided through the space from one experience to the next.

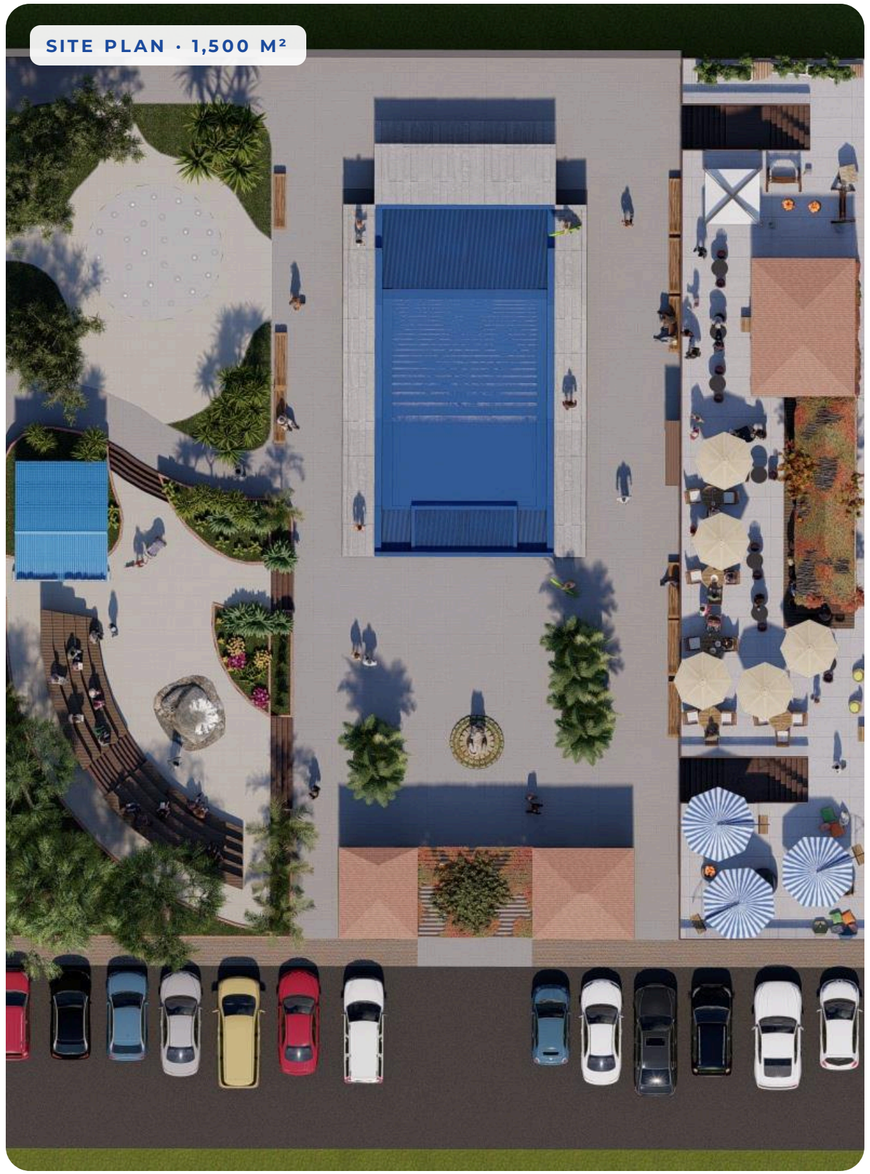
The amphitheatre and the rooftop cafeteria sit on the upper floor, giving the best view of every ride and competition. Changing rooms, aqua disco and shops complete a venue built not only for surf enthusiasts but for a much wider audience.

- **Double surf pool**
- **Amphitheatre**
- **Rooftop café**
- **Aqua disco**
- **Changing rooms**
- **Retail stores**








SITE PLAN · 1,500 M²


SURF AREA


Snack Shack
AMPHITHEATRE

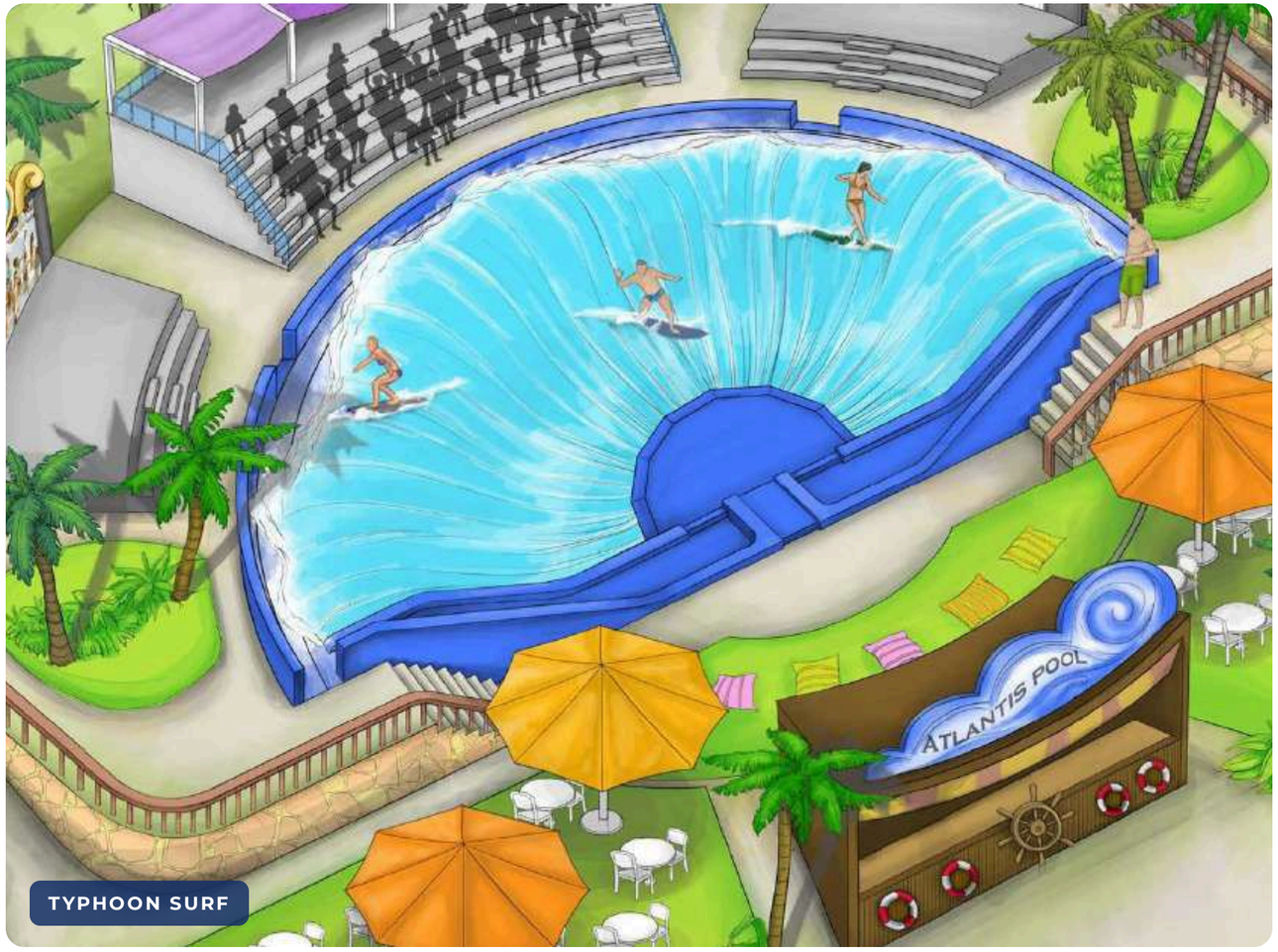

ROOFTOP CAFÉ


TERRACE & DINING

CONCEPT DESIGN

Your Site, Your Surf Experience

Our design team turns every surf pool into a complete attraction, with theming, landscaping, seating and F&B planned around the ride.



TYPHOON SURF



SURF ARENA



SURF DECK

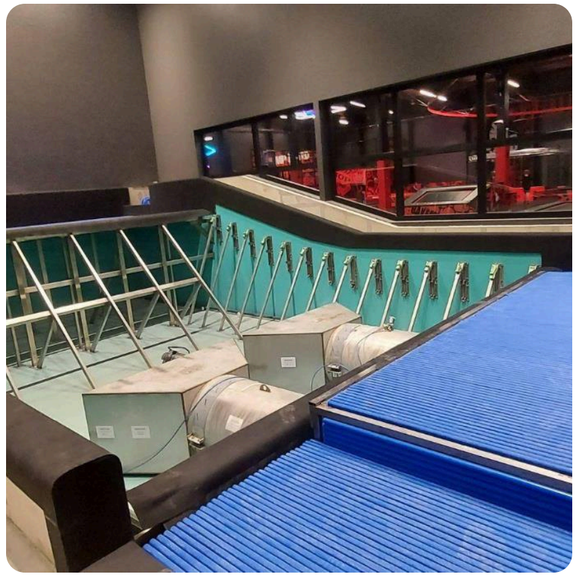
TURNKEY DELIVERY

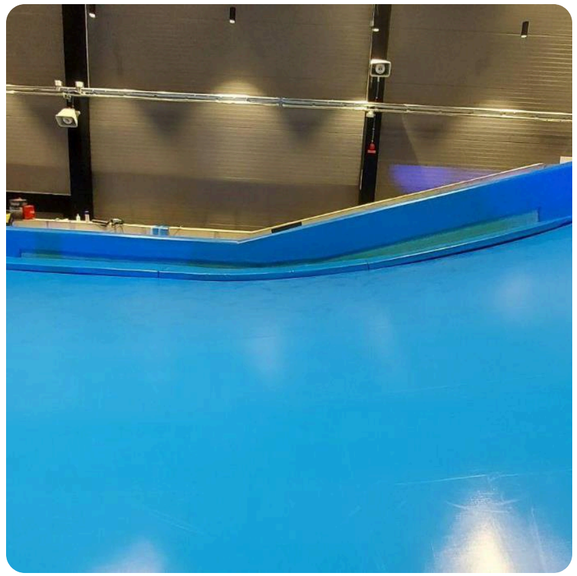
Installation & Filtration

A filtration system is a must for every pool to keep hygienic conditions for riders. Atlantis works with the market's leading manufacturers of filters, pumps, pipes, fittings, valves and control boards to offer a turnkey solution.

We calculate the system, propose the best configuration and provide technical area construction drawings and mechanical and electrical drawings. We then supply the materials, install them on site and complete testing and commissioning for the final operator.







AFTER-SALES SERVICE

Built to Last, Kept at Its Best

A planned maintenance programme keeps riders safe, extends equipment life and prevents costly downtime in the middle of the season.

Every Atlantis surf pool is delivered with an Operations & Maintenance manual and staff training. Our dedicated service department supports operators with inspections, spare parts and larger maintenance work.



DAILY

- [ ] Ride surface free of tears, cuts, bubbles or fraying seams
- [ ] No sharp objects or debris under nozzle flaps and side closures
- [ ] Grates over the pump area secure
- [ ] Buttons, switches and indicator lights working
- [ ] Sufficient water level in the tank
- [ ] Water chemistry recorded before opening

WEEKLY

- [ ] Ride surface tension correct
- [ ] Nozzle aperture 3–5 cm
- [ ] Power usage reading logged

END OF SEASON

- [ ] Drain ride and filtration completely
- [ ] Remove, clean and dry the ride surface
- [ ] Cover the attraction against water and snow

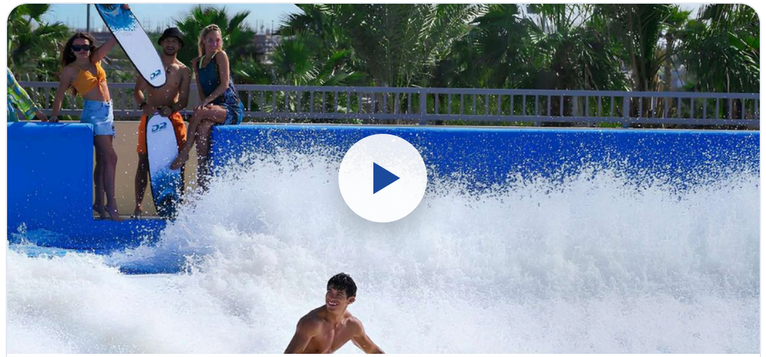
ANNUALLY

- [ ] Tightness of bolts on steel structure and pillow padding brackets
- [ ] Structural integrity of front and rear steel, incl. welds
- [ ] Side closures properly seated, no gapping
- [ ] Tension at each rear and side tension point
- [ ] Tightness of bolts holding tension members

SELECTED REFERENCES · 1/2

Surf Pools Around the World

Click any project to watch it in action.



DAMAC Hills 2

DUBAI, UAE

TYPHOON

▶ Video



Splashmania, Gamuda Cove

SELANGOR, MALAYSIA

TRIPLE

▶ Video 1 · ▶ Video 2

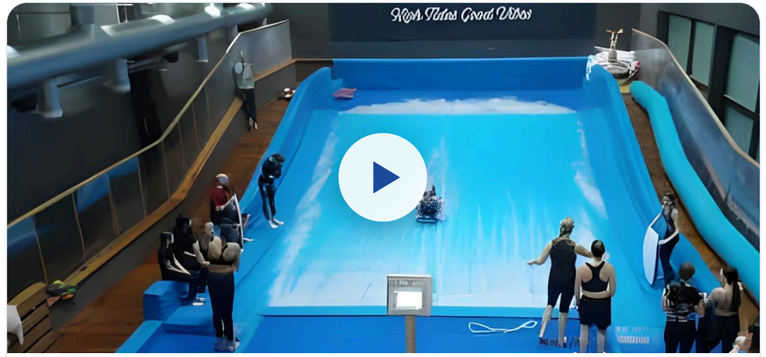


Magic World Resort

VALENCIA, SPAIN

DOUBLE

▶ Video



Jumpyard Västerås

VÄSTERÅS, SWEDEN

DOUBLE

▶ Video

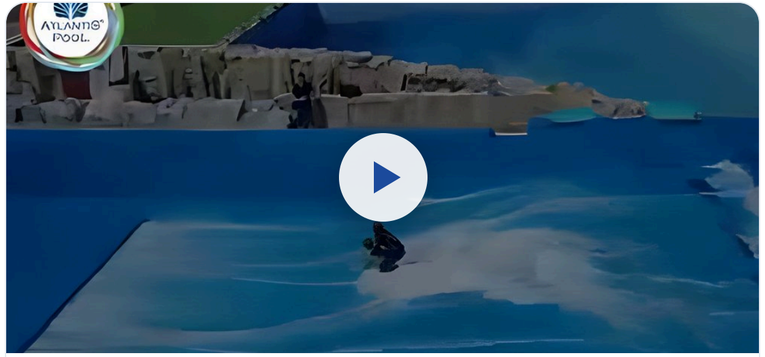


Aqua Paradise

NESSEBAR, BULGARIA

DOUBLE

▶ Video



Dalga Beach

BAKU, AZERBAIJAN

DOUBLE

▶ Video

SELECTED REFERENCES · 2/2

Surf Pools Around the World

Click any project to watch it in action.

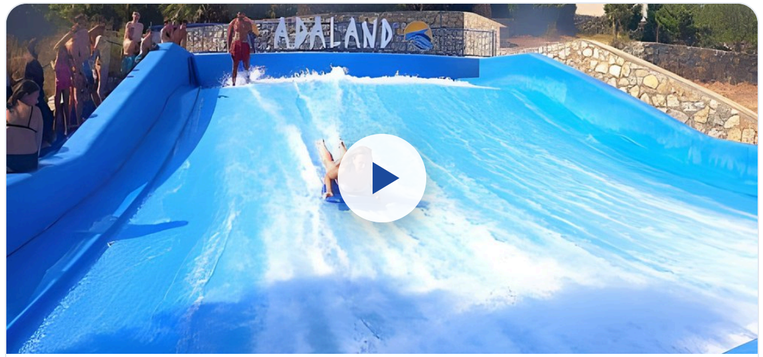


Kulli Water Park

DUSHANBE, TAJIKISTAN

▶ Video 1 · ▶ Video 2

DOUBLE

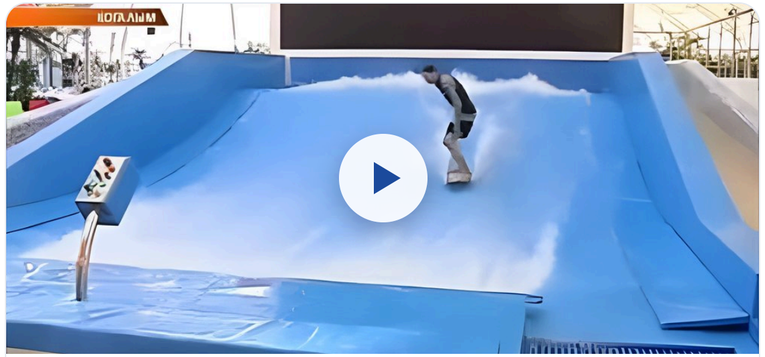


Adaland Aquapark

KUŞADASI, TÜRKIYE

▶ Video

DOUBLE



Kogalym Indoor Aquapark

KOGALYM, RUSSIA

▶ Video 1 · ▶ Video 2

DOUBLE



Dzhubga Aquapark

KRASNODAR REGION, RUSSIA

▶ Video 1 · ▶ Video 2

DOUBLE

MORE PROJECTS

Also delivered and ongoing

Kata Beach Surf Pool
Phuket, Thailand · ongoing
TRIPLE

Ivano-Frankivsk
Ukraine
TRIPLE

Private Residence
Doha, Qatar
SURF POOL

ATLANTIS
WATERPARKS

Let's Bring the Wave to Your Venue

Tell us about your site and audience. Our team will recommend the right surf model, prepare a concept design and deliver a turnkey solution, from engineering to commissioning.

FACTORY – HEAD OFFICE

İkitelli Organize San. Bölgesi, Tormak San. Sitesi Y Blok No:13
Başakşehir / İstanbul / Türkiye 34490

OFFICE

Ataköy 1. Kısım Mah. Rauf Orbay Cad. No:10/6 İç Kapı No:16
Bakırköy / İstanbul / Türkiye

CONTACT

www.atlantiswaterparks.com
info@atlantiswaterparks.com









